



CHINO BASIN WATERMASTER



NOTICE OF MEETINGS

Thursday, May 26, 2005

9:00 a.m. – Advisory Committee Meeting

And

11:00 a.m. – Watermaster Board Meeting

(Lunch Will Be Served)

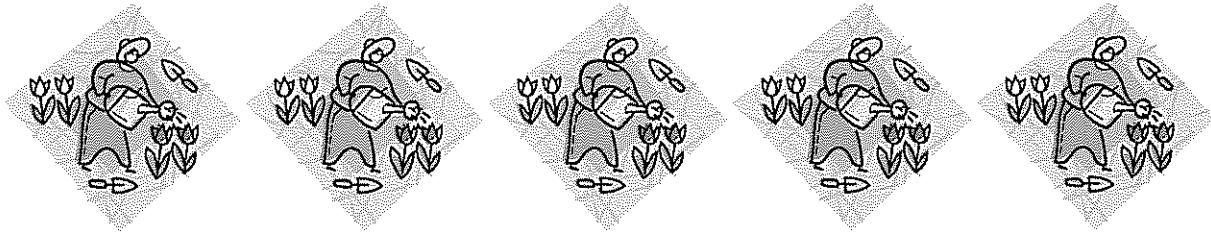
AT THE CHINO BASIN WATERMASTER OFFICES

9641 San Bernardino Road

Rancho Cucamonga, CA 91730

(909) 484-3888





CHINO BASIN WATERMASTER

May 26, 2005

9:00 a.m. – Advisory Committee Meeting

11:00 a.m. – Watermaster Board Meeting

(Lunch will be served)

AGENDA PACKAGE

**CHINO BASIN WATERMASTER
ADVISORY COMMITTEE MEETING**

9:00 a.m. – May 26, 2005

At The Offices Of

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

AGENDA

CALL TO ORDER

AGENDA - ADDITIONS/REORDER

I. CONSENT CALENDAR

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

A. MINUTES

1. Minutes of the Advisory Committee Meeting held April 28, 2005 (*Page 1*)

B. FINANCIAL REPORTS

1. Cash Disbursements for the month of April 2005 (*Page 15*)
2. Combining Schedule of Revenue, Expenses and Changes in Working Capital for the Period July 1, 2004 through March 31, 2005 (*Page 19*)
3. Treasurer's Report of Financial Affairs for the Period March 1, 2005 through March 31, 2005 (*Page 21*)
4. Profit & Loss Budget vs. Actual July 2004 through March 2005 (*Page 25*)

II. BUSINESS ITEMS

A. AKB05020 MEMORANDUM OF AGREEMENT – CHINO BASIN DATA EXCHANGE SYSTEM DEVELOPMENT

Consider Approval of AKB05020 Memorandum of Agreement – Chino Basin Data Exchange System Development between Chino Basin Watermaster and the Inland Empire Utilities Agency to Set Forth the Parties' Obligations and Comments for Development of the Chino Basin Data Exchange (DataX) System (*Page 25*)

B. 2005/2006 WATERMASTER BUDGET

Consider Approval of the 2005/2006 Chino Basin Watermaster Budget (*Page 33*)

C. STIPULATION WITH CUCAMONGA VALLEY WATER DISTRICT FOR WITHDRAWAL OF PROTEST AGAINST APPLICATION

Consider Approval of Joint Stipulation to Cucamonga Valley Water District's Protest to Application No. 31369 (*Page 55*)

III. REPORTS/UPDATES

A. WATERMASTER GENERAL LEGAL COUNSEL REPORT

- 1. Attorney-Manager Meetings
- 2. Santa Ana River Application Process
- 3. North Gualala Litigation
- 4. MZ1 Special Referee Workshop Update

B. CEO/STAFF REPORT

- 1. ACWA Update
- 2. MWD System Overview Study Update
- 3. Assessment Package Update
- 4. Legislative Update
- 5. Recharge Basin Repair Update
- 6. Chino I and Chino II Desalter Projects Ground Water Draft Monitoring and Mitigation Plan Update *(Page 61)*

C. INLAND EMPIRE UTILITIES AGENCY

- 1. MWD Status Report – Richard Atwater
- 2. Recycled Water Report – Tom Love *(Page 127)*
- 3. Chino Basin Facilities Improvement Report – Tom Love *(Page 131)*
- 4. FY 05/06 Water Conservation Budget – Martha Davis *(Page 135)*
- 5. Water Resources Report (handout)
- 6. Quarterly Recycled Water Report (handout)
- 7. Quarterly Chino Basin Facilities Report (handout)
- 8. State/Federal Legislation Reports *(Page 141)*
 - a. Daily Bulletin Article on House Approval of HR 802
Regional Recycled Water Initiative *(Page 171)*
- 9. Public Relations Report *(Page 173)*
- 10. Presentation on the Conservation Program

D. OTHER METROPOLITAN MEMBER AGENCY REPORTS

IV. INFORMATION

- 1. Newspaper Articles *(Page 175)*

V. COMMITTEE MEMBER COMMENTS

VI. OTHER BUSINESS

VII. FUTURE MEETINGS

May 24, 2005	9:00 a.m.	Water Quality Meeting
May 24, 2005	9:00 a.m.	GRCC Meeting @ IEUA
May 25, 2005	10:30 a.m.	MZ1 Special Referee Workshop
May 26, 2005	9:00 a.m.	Advisory Committee Meeting
May 26, 2005	11:00 a.m.	Watermaster Board Meeting
May 26, 2005	1:00 p.m.	Attorney-Manager Meeting @ CVWD
June 9, 2005	9:00 a.m.	Appropriative & Non-Agricultural Pool Meeting
June 21, 2005	9:00 a.m.	Agricultural Pool Meeting @ IEUA
June 23, 2005	9:00 a.m.	Advisory Committee Meeting
June 23, 2005	11:00 a.m.	Watermaster Board Meeting

Meeting Adjourn

**CHINO BASIN WATERMASTER
WATERMASTER BOARD MEETING**

11:00 a.m. – May 26, 2005
At The Offices Of
Chino Basin Watermaster
9641 San Bernardino Road
Rancho Cucamonga, CA 91730

AGENDA

CALL TO ORDER

PLEDGE OF ALLEGIANCE

AGENDA - ADDITIONS/REORDER

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B. CEO/STAFF REPORT

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- 1. Newspaper Articles (*Page 175*)

V. BOARD MEMBER COMMENTS

VI. OTHER BUSINESS

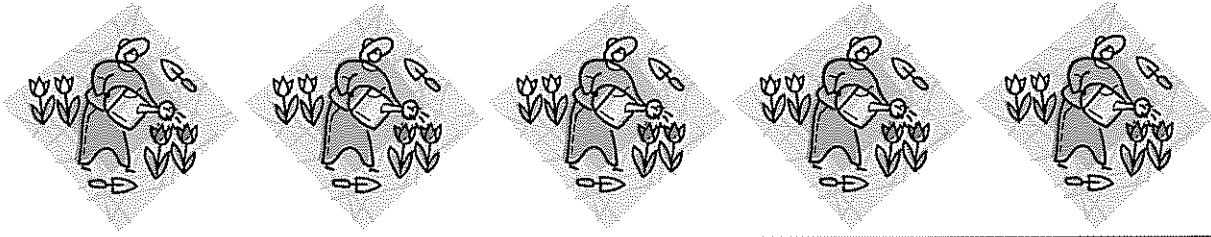
VII. CONFIDENTIAL SESSION - POSSIBLE ACTION

Pursuant to Article 2.6 of the Watermaster Rules & Regulations, a Confidential Session may be held during the Watermaster Board meeting for the purpose of discussion and possible action regarding Personnel Matters and/or Potential Litigation.

VIII. FUTURE MEETINGS

May 24, 2005	9:00 a.m.	Water Quality Meeting
May 24, 2005	9:00 a.m.	GRCC Meeting @ IEUA
May 25, 2005	10:30 a.m.	MZ1 Special Referee Workshop
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June 23, 2005	11:00 a.m.	Watermaster Board Meeting

Meeting Adjourn



CHINO BASIN WATERMASTER

I. CONSENT CALENDAR

A. MINUTES

1. Advisory Committee Meeting –
April 28, 2005

Draft Minutes
CHINO BASIN WATERMASTER
ADVISORY COMMITTEE MEETING
April 28, 2005

The Advisory Committee Meeting was held at the offices of the Chino Basin Watermaster, 9641 San Bernardino Road, Rancho Cucamonga, California, on April 28, 2005 at 9:00 a.m.

ADVISORY COMMITTEE MEMBERS PRESENT

Appropriative Pool

Ken Jeske, Chair	City of Ontario
Mark Kinsey	Monte Vista Water Company
Dave Crosley	City of Chino
Robert DeLoach	Cucamonga Valley Water District
Mike McGraw	Fontana Water Company
Ray Wellington	San Antonio Water Company
J. Arnold Rodriguez	Santa Ana River Water Company
Gerald J. Black	Fontana Union Water Company
Raul Garibay	City of Pomona
Rich Atwater	Inland Empire Utilities Agency

Agricultural Pool

Nathan deBoom	Milk Producers Council
John Huitsing	Crops
Pete Hettinga	Dairy

Non-Agricultural Pool

Bob Bowcock	Vulcan Materials Company (Calmat Division)
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Watermaster Board Members Present

John Anderson	Inland Empire Utilities Agency
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Watermaster Staff Present

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

Watermaster Consultants Present

Michael Fife	Hatch & Parent
Mark Wildermuth	Wildermuth Environmental Inc.

Others Present

Josephine Johnson	Monte Vista Water District
John Rossi	Western Municipal Water District
Rick Hansen	Three Valleys Municipal Water District
Steven Lee	Ag Pool Legal Representative
Luis Juarez	Three Valleys Municipal Water District
Rick Rees	CIM/Geomatrix
Lisa Hamilton	GE – Geomatrix
Paul Deutsch	GE – Geomatrix

The Advisory Committee meeting was called to order by Chair Jeske at 9:10 a.m.

AGENDA - ADDITIONS/REORDER

There were no additions or reorders made to the agenda.

I. CONSENT CALENDAR

A. MINUTES

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B. FINANCIAL REPORTS

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Motion by Wellington, second by DeLoach, and by unanimous vote

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

II. BUSINESS ITEMS

A. EDISON PROPERTY CONVERSION

Mr. Manning stated this item was discussed at one of the recent Attorney-Manager meetings. At that meeting the discussion focused on the letter that the City of Ontario had requested Watermaster sign regarding allowing the conversion for the former Sunkist property, referred to as the Edison property located, within conversion area one. Staff found that the interpretation was consistent with how staff was working with the property. At the Attorney-Manager meeting it was also felt that this request and information was correct and recommended this item be taken through the Watermaster process for approval. Mr. Wellington noted some conflict in discussions and the fact staff has concurred that this property is eligible for conversion as presented in the language in the presented letter. Mr. Wellington stated that if this letter is signed as presented it appears to clearly say that Watermaster agrees with the conversion and introduces water rights which have not been part of the discussions. Mr. Wellington expressed his uneasiness in approving the presented letter. Mr. Manning noted that at the recent Appropriators Pool meeting there were discussions as to whether or not this letter was the appropriate vehicle in which to make this statement and it appeared that it was an either/or that the action could be taken to provide assurance through the minutes or by the signing of the letter. The City of Ontario would like to have the presented letter on file because this property is slightly different in that it is a piece of property that is owned by a member of the overlying Non-Agricultural which is different than most of the properties located within conversion area one. It was noted that there was a request from an appropriator requesting a letter of clarification and there is no problem with that issue, however, there are some language issues regarding water rights that need to be addressed. Chair Jeske noted there were two issues stated in the letter, one being the determination of whether or not the area is eligible for conversion and the second is really an issue for the overlying Non-Agricultural producer. Both issues were addressed in one letter to save time, however, if Watermaster wants to write a separate letter stating that this property is eligible for conversion that would be acceptable to the city. Mr. Bowcock stated that the verbiage in the letter does not appear that it does any harm to the Non-Ag overlayer so the language is benign and can be removed if necessary. Counsel Fife reiterated the motion stating that a separate letter be drafted acknowledgement of the eligibility for land use conversion.

Motion by Wellington, second by DeLoach, and by unanimous vote

Moved to approve to respond to the appropriators request to provide a letter that Watermaster has determined that it is eligible for Agricultural conversion and that filing pursuant to the Judgment will be dully considered, as presented

B. FORBEARANCE PROGRAM

Mr. Manning noted that the Forbearance Agreement is a voluntary agreement which was initially set for three years that allows those who participate an opportunity to forbear production within Management Zone 1 (MZ1). It has come to staff's attention that we are now at the end of that three year agreement, however, it is necessary for additional studies and the request has been made to continue the Forbearance Agreement for one more year. This action would allow that additional year be added onto the agreement and to allow time for additional studies within the MZ1 area.

Motion by Wellington, second by DeLoach, and by unanimous vote

Moved to approve the continuance of the Forbearance Program for another year, as presented

C. FIELD SERVICES CONTRACT

Mr. Manning commented that this item is part of the ongoing transition of the field staff and the way Watermaster has been conducting business. Mr. Manning reminded the committee members that it has been decided at a previous meeting regarding the sale of Watermaster vehicles to Wildermuth Environmental and the hiring of one of Wildermuth's staff onto the Watermaster staff along with the hire of an additional employee. Those steps have all been set in place and this contract allows for the final step for the field staff to implement the transaction so that there is a clear understanding of exactly what Wildermuth Environmental will be doing with the employees which will be doing work for Watermaster. Mr. Manning states that this recommendation comes from unanimous vote from the pools and staff recommends approval from the Advisory Committee at this time.

Motion by DeLoach, second by Kinsey, and by unanimous vote

Moved to approve the Field Services Contract, as presented

III. REPORTS/UPDATES**A. WATERMASTER GENERAL LEGAL COUNSEL REPORT****1. Attorney-Manager Meetings**

Counsel Fife noted the next Attorney-Manager meeting is to be held today at 1:00 p.m. at the Cucamonga Valley Water District's office. Materials have been distributed for this meeting and counsel noted he has copies if any party needs them prior to the meeting.

2. Santa Ana River Application Process

Counsel Fife stated there was nothing new to report on since the Appropriative Pool meeting and noted there have been some withdrawals of the protests from both the US Forest Service and East Valley Water District. This leaves Watermaster's application protested by the Department of Fish and Game, which is a very generic protest. The protest from Cucamonga Valley Water District is being worked on. All this recent activity came up due to Orange County Water District and Western Municipal Water District indicating a desire to go to hearing on their applications in the first quarter of 2006. The items that Watermaster need to complete its application process are finished and counsel is ready to go to a hearing at any time.

3. North Gualala Litigation Amicus

Counsel Fife stated the North Gualala case is going to be appealed. This could potentially cause the Chino Basin problems if we receive an appellate court decision that said that the State Board has permitting jurisdiction over groundwater pumping that could conceivably have an impact on a surface water body. Nothing has been filed or scheduled to date and counsel will keep the committee members apprised on this case.

4. Pending Legislation

Counsel Fife stated that there are a few bills being watched presently and noted that assembly bill 1453 was discussed at length at the pool meetings. No new action has occurred on 1453 since those meetings and the language of that bill still causes some concern. Senate Bill 773 and SB 371 deals with injection into a groundwater aquifer and have been recently amended. SB 773 concerns injection of drinking water and SB 371 concerns injection of recycled water, both are intended to make it easier to do those activities.

B. CEO/STAFF REPORT

1. Budget Workshop Update

Mr. Manning noted that the budget workshop is scheduled for Monday, May 2, at noon and lunch will be served. The budget has been made available as of last week on the CBWM ftp site. The workshop is not the only opportunity to ask questions and noted that Sheri Rojo and he would be available for questions prior to and after that workshop. A lot of work has gone into the preparation of this budget and this workshop will allow parties to review the budget in detail.

2. Storm Report Review

Mr. Manning stated this item is for update purposes only and with the exception of the storm last night as through storm event #10 14,560 acre-feet of storm water has been captured, which is a significant amount. In our discussions with Inland Empire Utilities Agency, Flood Control, and the Conversation District staff has learned a lot during this storm season about how our basins operate. These storms were a blessing and a challenge all at the same time; a blessing in that there was a lot of water captured and a challenge because taking all this free water means this water would contain silt and sediment. There are also some maintenance issues that have been discussed and that we will need to have money spent on refurbishing the basins so that they are capable of taking MET deliveries in the next few months. Watermaster is very pleased with almost 15,000 acre-feet of storm water captured and this rainy season was a very good opportunity to test for the system overall.

3. Replenishment Obligation Update

Mr. Manning noted in our obligation up until these last deliveries that we have taken from MET there is approximately 2,440 acre-feet still obligated for MZ1. Outside the MZ1 area there is approximately 11,713 acre-feet of obligation still needed. This is just a heads up item as where we are currently and final numbers will be given out once this last data has been reviewed and all the numbers are in.

4. Turner Basin Renovation Test

Mr. Manning noted that Mr. Vanden Heuvel had introduced a sub-contractor to Watermaster and felt that they had some technology that could benefit the Watermaster's recharge basins. The sub-contractor has a business where they use a suction system and divers who clean ponds and lakes at golf courses and marinas. Scuba Duba felt they had some technology that could be utilized in cleaning out the recharge basins in the event staff wanted to keep the basins wet, which is a long term goal of Watermasters'. Turner 3 was used as a demonstration/test site over a five day period; over that period they went through a lot of changes and calibrating of their equipment. What they found was multiple layers of very fine clay. Their biggest challenge was trying to break up that fine layer so it could be then sucked up into their equipment and removed from the basin floor. By the time the test was concluded, their analysis was that their equipment could be modified to perform this kind of work and are working on a revised proposal to execute this task. The original proposal was discarded due to cost. The test was interesting and this concept needed to be presented to the committee members on an initial basis because discussions will open up at a later date as to where this type of technology might be used noting this

technology is not applicable to all the basins. At some point in the future a different test might be required using their technology after it is modified again. Mr. Treweek, who worked very closely with Scuba Duba, noted that he wishes to explore other options before committing to this type of project. Mr. Treweek spoke on what is being done in the Orange County basins and noted that their basins are much larger than ours, however, there is much to learn from what they are presently doing as well as in other regions like Tucson Arizona. This test was to see if it keeping the basins wet year round was even feasible to be able to consider the services offered by this sub-contractor; there were some reservations, although this company seems confident they can make it happen; staff will keep the committee members updated.

5. MZ3 Water Quality Update

Mr. Treweek noted that Watermaster has started to move ahead with the water quality monitoring program for Management Zone 3 (MZ3); Wildermuth is taking samples from approximately 18 wells and then there are 2 additional wells being tested, these are the renovated wells (MP2 and KOFS). Staff wants to receive the first of four surveys that will be done over the course of the year and from that first survey staff feels that data will show where the next two new wells will be installed which will be in between where the old Kaiser plume had been identified and the Jurupa Community Services intake wells. This last week Inland Empire Utilities Agency was awarded the \$250,000 dollar grant from DWR towards the construction of one of those two potential wells. Samples will begin this week and things are in place to receive results for the next Water Quality meeting in May. Chair Jeske offered comment on areas for these two new wells.

C. INLAND EMPIRE UTILITIES AGENCY

1. MWD Status Report – Richard Atwater

Mr. Atwater stated that one of the side effects due to this great winter we have had is that MWD water sales have dropped dramatically. This will allow us to move a lot of replenishment water this year.

2. MWD Projected Rates and Changes – Richard Atwater

No comment was made regarding this item.

3. Rialto Pipeline – Richard Atwater

Mr. Atwater stated that Mr. Hansen and himself expect Metropolitan to approve at their May board meeting the isolation valves on the Rialto Pipeline, which means there will be another shutdown this winter.

4. Recycled Water Report – Tom Love

Mr. Atwater noted that Mr. Love was not able to attend this meeting; however, the recent Recycled Water Report was emailed and made available on the back table for review.

Mr. Atwater stated that IUEA is beginning construction on Phase II this summer, Phase I is almost completed. As a reminder Phase I was almost 100% funded by the State Water Resources Board grant and low interest loan and Phase II will be similarly funded and IUEA is expecting to use federal funds next fall. Phase III will primarily be funded with DWR grant and will be working with Watermaster on that portion of the DWR grant.

5. Water Resources Report – (handout)

No comment was made regarding this item.

6. State/Federal Legislation Reports

No comment was made regarding this item.

7. Public Relations Report

Mr. Atwater thanked Ms. Davis and Ms. Elrod and others who worked on this program for all their efforts in the "Garden in Every School Program". ACWA has given the area the award for that project for public education. Since this is water awareness month there are a lot of activities happening and if anyone has any suggestions on events Mr. Atwater asked that parties please contact Sondra Elrod at IEUA.

D. OTHER METROPOLITAN MEMBER AGENCY REPORTS

Western Municipal Water District:

Mr. Rossi thanked those who attended the special ceremony to introduce Dennis Underwood, the new CEO/GM for Metropolitan Water District. Mr. Rossi discussed some of the new concepts that Mr. Underwood will be focusing on and at a recent engagement in San Diego Mr. Galleano urged managers to speak to Mr. Underwood and present concepts and ideas that MET can do for water agencies focusing on the Colorado River. Mr. Rossi spoke on potable water and sales. Mr. Rossi stated that various projects are taking place presently with some having a direct impact on the Chino Basin and felt this committee might want to view the systems overview presentation sometime soon. Chair Jeske inquired if the presentation that Mr. Rossi spoke about would be of any interest to the parties present. It was noted by the committee members that this presentation would want to be seen at the Appropriative Pool meeting.

Three Valleys Municipal Water District:

Mr. Hansen stated that in looking at our neighbors, the sphere of influence of the health of others has an impact on all of us. A few of the things that have taken place lately at Three Valleys are that MWD, Three Valleys, and the City of Pomona recently approved for the Pomona facilities for wellhead treatment. Yesterday two more agreements were approved with the other water agencies for expansion of reclaimed water. Three Valleys has finalized and approved their Feasibility Study on spreading connections and well development. Mr. Hansen spoke on the Three Valleys EIR which will be available next week with a public hearing scheduled for later in June/first in July. Mr. Hansen spoke on various treatment plants and desalters.

IV. INFORMATION

1. Status Report No. 12

Mr. Manning noted that while the Pools and Advisory Committee approved both Status Report #12 and #13, the Watermaster Board wanted more time for review and asked that this item be placed back on the calendar for April for their approval.

2. Status Report No. 13

Mr. Manning noted that while the Pools and Advisory Committee approved both Status Report #12 and #13, the Watermaster Board wanted more time for review and asked that this item be placed back on the calendar for April for their approval.

3. Newspaper Articles

Mr. Manning stated these articles that are placed in the meeting package are relevant to the happenings in the Chino Basin and are for information purposes only.

V. COMMITTEE MEMBER COMMENTS

No comment was made regarding this item.

VI. OTHER BUSINESS

No comment was made regarding this item.

VII. FUTURE MEETINGS

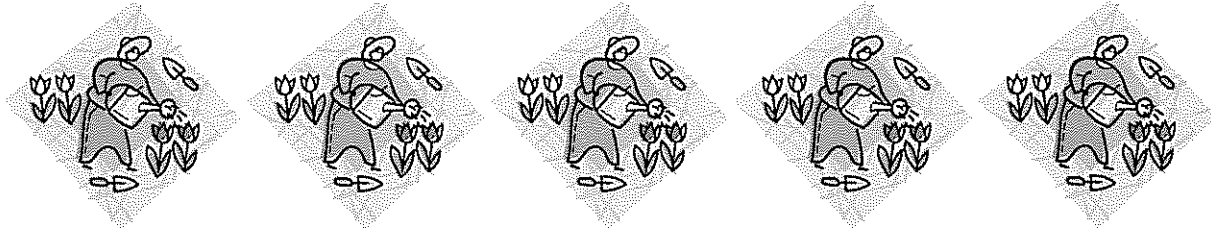
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May 02, 2005	9:00 a.m.	GRCC Meeting
May 02, 2005	12:00 p.m.	Budget Workshop
May 12, 2005	9:00 a.m.	Appropriative & Non-Agricultural Pool Meeting
May 17, 2005	9:00 a.m.	Agricultural Pool Meeting @ IEUA
May 18, 2005	9:00 a.m.	MZ1-Meeting
May 24, 2005	9:00 a.m.	Water Quality Meeting
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May 26, 2005	9:00 a.m.	Advisory Committee Meeting
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The Advisory Committee Meeting Adjourned at 9:55 a.m.

Secretary: _____

Minutes Approved: _____

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CHINO BASIN WATERMASTER

I. CONSENT CALENDAR

A. MINUTES

1. Watermaster Board Meeting –
April 28, 2005

Draft Minutes
CHINO BASIN WATERMASTER
BOARD MEETING
April 28, 2005

The Watermaster Board Meeting was held at the offices of the Chino Basin Watermaster, 9641 San Bernardino Road, Rancho Cucamonga, California, on April 28, 2005 at 11:00 a.m.

WATERMASTER BOARD MEMBERS PRESENT

Robert Neufeld, Chair	Fontana Union Water Company
John Anderson	Inland Empire Utilities Agency
Paul Hamrick	Jurupa Community Services District
Al Lopez	Western Municipal Water District
Robert Kuhn	Three Valleys Municipal Water District
Bob Bowcock	Vulcan Materials Company
Paul Hofer	Agricultural Pool, Crops
Bill Kruger	City of Chino Hills
Geoffrey Vanden Heuvel	Agricultural Pool

Watermaster Staff Present

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

Watermaster Consultants Present

Michael Fife	Hatch & Parent
Mark Wildermuth	Wildermuth Environmental Inc.

Others Present

Terry Catlin	Inland Empire Utilities Agency
Raul Garibay	City of Pomona
Robert DeLoach	Cucamonga Valley Water District
David De Jesus	Three Valleys Municipal Water District
Paul Deutsch	GE – Geomatrix
Dave Crosley	City of Ontario
Carole McGreevy	Jurupa Community Services District
John Rossi	Western Municipal Water District
Barrett Kehl	Chino Basin Water Conservation District
Henry Pepper	City of Pomona
Ken Jeske	City of Ontario

The Watermaster Board Meeting was called to order by Chair Neufeld at 11:02 a.m.

PLEDGE OF ALLEGIANCE

AGENDA - ADDITIONS/REORDER

Chair Neufeld stated there was an item to be discussed in a confidential session and asked that a motion be made to add the confidential session to the calendar.

*Motion by Kuhn, second by Bowcock, and by unanimous vote
Moved to approve adding a closed session to the agenda*

I. CONSENT CALENDAR

A. MINUTES

- 1. Minutes of the Watermaster Board Meeting held March 24, 2005

B. FINANCIAL REPORTS

- 1. Cash Disbursements for the month of March 2005
- 2. Combining Schedule of Revenue, Expenses and Changes in Working Capital for the Period July 1, 2004 through February 28, 2005
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*Motion by Kruger, second by Bowcock, and by unanimous vote
Moved to approve Consent Calendar Items A through B, as presented*

II. BUSINESS ITEMS

A. EDISON PROPERTY CONVERSION

Mr. Manning stated this item was discussed at one of the recent Attorney-Manager meetings. At that meeting the discussion focused on the letter in which the City of Ontario had requested that Watermaster sign regarding allowing the conversion for the former Sunkist property, referred to as the Edison property located, within conversion area one. Staff found that the interpretation was consistent with how staff was working with the property. At the Attorney-Manager meeting it was also felt that this request and information was correct and recommended this item be taken through the Watermaster process for approval. Mr. Manning noted that at the recent Appropriators meeting there were discussions as to whether or not this letter was the appropriate vehicle in which to make this statement and it appeared that it was an either/or that the action could be taken to provide assurance through the minutes or by the signing of the letter. The City of Ontario would like to have the presented letter on file because this property is slightly different in that it is a piece of property that is owned by a member of the overlying Non-Agricultural Pool which is different than most of the properties located within conversion area one. It was noted that there was a request from an appropriator requesting a letter of clarification and there is no problem with that issue, however, there are some language issues regarding water rights that need to be addressed. Mr. Manning stated that at the Advisory Committee Mr. Jeske noted there were two issues stated in the letter, one being the determination of whether or not the area is eligible for conversion and the second is really an issue for the overlying Non- Agricultural producer. It was noted that at the Advisory Committee meeting Mr. Bowcock stated it does not appear to do any harm to the Non-Ag overlyer so the language is benign and can be removed if necessary.

*Motion by Hamrick, second by Anderson, and by unanimous vote
Moved to approve to respond to the appropriators request to provide a letter that Watermaster has determined that it is eligible for Agricultural conversion and that filing pursuant to the Judgment will be dully considered, as presented*

B. FORBEARANCE PROGRAM

Mr. Manning noted that the Forbearance Agreement is a voluntary agreement which was initially set for three years that allows those who participate an opportunity to forbear production within Management Zone 1 (MZ1). It has come to staff's attention that we are now at the end of that three year agreement, however, it is necessary to do additional studies and the request has

been made to continue the Forbearance Agreement for one more year. This action would allow that additional year be added onto the agreement and to allow time for additional studies within the MZ1 area.

*Motion by Vanden Heuvel, second by Kruger, and by unanimous vote
Moved to approve the continuance of the Forbearance Program for another year,
as presented*

C. FIELD SERVICES CONTRACT

Mr. Manning commented that this item is part of the ongoing transition of the field staff and the way Watermaster has been conducting business. Mr. Manning reminded the committee members that it was decided at a previous meeting hiring an additional employee hired. Those steps have all been set in place and this contract allows for the final step for the field staff to implement the transaction so that there is a clear understanding of exactly what Wildermuth Environmental will be doing with the employees will be doing work for Watermaster. Mr. Manning states that this recommendation comes with unanimous approved from the Pools and Advisory Committee and staff recommends approval from the Board at this time.

*Motion by Vanden Heuvel, second by Kuhn, and by unanimous vote
Moved to approve the Field Services Contract, as presented*

D. STATUS REPORT NO. 12 AND STATUS REPORT NO. 13

Mr. Manning stated this item was presented and was asked to be pulled at the April Watermaster Board meeting for the purposes of allowing a longer review time. Mr. Manning states that this recommendation comes with unanimous approval from the Pools and Advisory Committee and staff recommends approval from the Board at this time.

*Motion by Kuhn, second by Bowcock, and by unanimous vote
Moved to approve Status Report No. 12 and Status Report No. 13, as presented*

III. REPORTS/UPDATES

A. WATERMASTER GENERAL LEGAL COUNSEL REPORT

1. Attorney-Manager Meetings

Counsel Fife noted the next Attorney-Manager meeting is to be held today at 1:00 p.m. at the Cucamonga Valley Water District's office. Materials have been distributed for this meeting and counsel noted he has copies if any party needs them prior to the meeting.

2. Santa Ana River Application Process

Counsel Fife stated there have been some withdrawals of the protests from both the US Forest Service and East Valley Water District. This leaves Watermaster's application protested by the Department of Fish and Game, which is a very generic protest. The protest from Cucamonga Valley Water District is being worked on. All this recent activity came up due to Orange County Water District and Western Municipal Water District indicated a desire to go to hearing on their applications in the first quarter of 2006.

3. North Gualala Litigation Amicus

Counsel Fife stated the North Gualala case is going to be appealed. This could potentially cause the Chino Basin problems if we receive an appellate court decision that said that the State Board has permitting jurisdiction over groundwater pumping that could conceivably have an impact on a surface water body. Nothing has been filed or scheduled to date and counsel will keep the committee members apprised on this case. A discussion ensued with regard to this litigation.

4. Pending Legislation

Counsel Fife stated that there a few bills being watched presently and noted that assembly bill 1453 was discussed at length at the pool meetings. No new action has occurred on

1453 since those meetings and the language of that bill still causes some concern. Senate Bill 773 and SB 371 deal with injection into a groundwater aquifer and have been recently amended. SB 773 concerns injection of drinking water and SB 371 concerns injection of recycled water, both are intended to make it easier to do those activities.

Added Comment:

Counsel Fife reminded the committee members that there has been a special MZ1 "Special Referee" meeting scheduled for Wednesday, May 25, 2005 at 10:30 a.m. at the Chino Basin Watermaster office.

B. CEO/STAFF REPORT

1. Budget Workshop Update

Mr. Manning noted that the budget workshop is scheduled for Monday, May 2, at noon and lunch will be served. The budget has been made available as of last week on the CBWM ftp site. The workshop is not the only opportunity to ask questions and noted that Sheri Rojo and he would be available for questions prior and after that workshop. A lot of work has gone into the preparation of this budget and this workshop will allow parties to review the budget in detail.

2. Storm Report Review

Mr. Manning stated this item is for update purposes only and with the exception of the storm last night, through storm event #10 14,560 acre-feet of storm water has been captured, which is a significant amount. In our discussions with Inland Empire Utilities Agency, Flood Control, and the Conversation District staff has learned a lot during this storm season about how our basins operate. These storms were a blessing and a challenge all at the same time; a blessing in that there was a lot of water captured and a challenge because taking all this free water means this water would be of a lesser quality. There are also some maintenance issues that have been discussed and that will need to have money spent on refurbishing the basins so that they are capable of taking MET deliveries in the next few months. Watermaster is very pleased with almost 15,000 acre-feet of water captured and this was a very good test for the system overall. A discussion ensued with regard to new yield for this year.

3. Replenishment Obligation Update

Mr. Manning noted our obligation through the last deliveries of imported water that we have taken from MET; there are approximately 2,440 acre-feet still obligated for MZ1. This amount is now less due to the recent storm; however, those numbers are not yet available. Outside the MZ1 area there is approximately 11,713 acre-feet of remaining obligation. This item was meant to keep the parties advised of our replenishment progress. A discussion ensued with regard to the amount of water in storage. Mr. Manning stated that at the Advisory committee meeting it was presented that there was a beneficial storage presentation that is available and that the Advisory Committee asked that the presentation be given at the Appropriate Pool meeting in June.

4. Turner Basin Renovation Test

Mr. Manning noted that Mr. Vanden Heuvel had introduced this sub-contractor to Watermaster and felt that they had some technology that could benefit the Watermaster's recharge basins. The sub-contractor has a business where they use a suction system and divers who clean ponds and lakes at golf courses and marinas. Scuba Duba felt they had some technology that could be utilized in cleaning out the recharge basins in the event staff wanted to keep the basins wet, which is a long term goal of Watermasters'. Turner 3 was used as a demonstration/test site over a five day period; over that period they went through a lot of changes and calibrating of their equipment. What they found was multiple layers of very fine clay. Their biggest challenge was trying to break up that fine layer so it

could be then sucked up into their equipment and removed from the basin floor. By the time the test was concluded, their analysis was that their equipment could be modified to perform this kind of work and are working on a revised proposal to execute this task. The original proposal was discarded due to cost. The test was interesting and this concept needed to be presented to the committee members on an initial basis because discussions will open up at a later date as to where this type of technology might be used noting this technology is not applicable to all the basins. At some point in the future a different test might be required using their technology after it is modified again. Mr. Treweek, who worked very closely with Scuba Duba, noted that he wishes to explore other options before committing to this type of project 100%. Mr. Treweek spoke on what is being done in the Orange County basins and noted that their basins are much larger than ours, however, there is much to learn from what they are presently doing as well as in other regions like Tucson Arizona. This test was to see if keeping the basins wet year round was even feasible to be able to consider the services offered by this sub-contractor; there were some reservations, although this company seems confident they can make it happen; staff will keep the committee members updated.

5. MZ3 Water Quality Update

Mr. Treweek noted that Watermaster has started to move ahead with the water quality monitoring program for Management Zone 3 (MZ3); Wildermuth is taking samples from approximately 18 wells and then there are 2 additional wells being tested, these are the renovated wells (MP2 and KOFS). Staff wants to receive the first of four surveys that will be done over the course of the year and from that first survey staff feels that data will show where the next two new wells will be installed which will be in between where the old Kaiser plume had been identified and the Jurupa Community Services intake wells. This was awarded the \$250,000 dollar grant through IEUA from DWR towards the construction of one of those two potential wells. Samples will begin this week and things are in place to receive results for the next Water Quality meeting in May.

IV. INFORMATION

1. Status Report No. 12

This item was discussed and action was taken in the Business Item section.

2. Status Report No. 13

This item was discussed and action was taken in the Business Item section.

3. Newspaper Articles

Mr. Manning stated these articles that are placed in the meeting package are relevant to the happenings in the Chino Basin and are for information purposes only.

V. BOARD MEMBER COMMENTS

Mr. Vanden Heuvel wished Mr. Kehl well on his new position at Inland Empire Utilities Agency and noted that he would be missed at the Water Conservation District; however, it would be their loss and our gain. The Water Conservation will be looking for a new person for Mr. Kehls position.

Mr. Anderson stated that the reception held last night to introduce Dennis Underwood, the new CEO/GM for Metropolitan Water District and thanked all who attended. Mr. Anderson also noted how well the recent Agricultural tour went which was put on by Inland Empire Utilities Agency.

Mr. Manning stated that he also felt the tour went well and was very informative and interesting. The tour of the Yuma Desalter was especially interesting. It was a great trip overall and everyone had a good time.

VI. OTHER BUSINESS

No comment was made regarding this item.

At 12:15 p.m. the open Watermaster Board meeting was adjourned and the confidential session convened.

VII. CONFIDENTIAL SESSION - POSSIBLE ACTION

At 12:30 p.m. the confidential session was adjourned and the Watermaster Board meeting convened.

Chair Neufeld asked Mr. Manning to state the outcome of one of the closed Board discussions. Mr. Manning stated that Ms. Rojo will conduct the June Watermaster Board meeting in his absence.

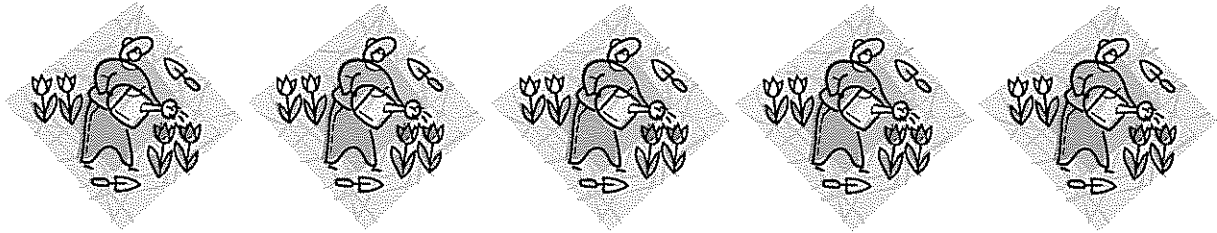
VIII. FUTURE MEETINGS

April 28, 2005	9:00 a.m.	Advisory Committee Meeting
April 28, 2005	11:00 a.m.	Watermaster Board Meeting
April 28, 2005	1:00 p.m.	Attorney-Manager Meeting @ CVWD
May 02, 2005	9:00 a.m.	GRCC Meeting
May 02, 2005	12:00 p.m.	Budget Workshop
May 12, 2005	9:00 a.m.	Appropriative & Non-Agricultural Pool Meeting
May 17, 2005	9:00 a.m.	Agricultural Pool Meeting @ IEUA
May 18, 2005	9:00 a.m.	MZ1-Meeting
May 24, 2005	9:00 a.m.	Water Quality Meeting
May 25, 2005	10:30 a.m.	MZ1 Special Referee Workshop
May 26, 2005	9:00 a.m.	Advisory Committee Meeting
May 26, 2005	11:00 a.m.	Watermaster Board Meeting

The Watermaster Board Meeting Adjourned at 12:32 p.m.

Secretary: _____

Minutes Approved: _____



CHINO BASIN WATERMASTER

I. CONSENT CALENDAR

B. FINANCIAL REPORTS

1. Cash Disbursements April 2005
2. Combining Schedule of Revenue, Expenses and changes in Working Capital for the Period July 1, 2004 through March 31, 2005
3. Treasurer's Report of Financial Affairs for March 1 through March 31, 2005
4. Profit & Loss Budget vs. Actual July 2004 through March 2005



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 12, 2005
May 17, 2005
May 26, 2005

TO: Committee Members
Watermaster Board Members

SUBJECT: Cash Disbursement Report – April 2005

SUMMARY

Issue – Record of cash disbursements for the month of April 2005.

Recommendation – Staff recommends the Cash Disbursements for April 2005 be received and filed as presented.

Fiscal Impact – All funds disbursed were included in the FY 2004-05 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 2005 were \$496,256.06. The most significant expenditures during the month were Wildermuth Environmental Inc. in the amount of \$203,598.88 and Hatch and Parent in the amount of \$61,704.04.

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CHINO BASIN WATERMASTER
Cash Disbursement Detail Report
April 2005

Type	Date	Num	Name	Amount
Apr 05				
Bill Pmt -Check	4/1/2005	9448	TOGO'S	-97.58
Bill Pmt -Check	4/5/2005	9449	A & R TIRE	-468.56
Bill Pmt -Check	4/5/2005	9450	ANDERSON, JOHN	-125.00
Bill Pmt -Check	4/5/2005	9451	APPLIED COMPUTER TECHNOLOGIES	-1,354.85
Bill Pmt -Check	4/5/2005	9452	ARROWHEAD MOUNTAIN SPRING WATER	-52.39
Bill Pmt -Check	4/5/2005	9453	BOWCOCK, ROBERT	-125.00
Bill Pmt -Check	4/5/2005	9454	CARPET CARE CONNECTION	-265.00
Bill Pmt -Check	4/5/2005	9455	CHAMPION NEWSPAPERS	-35.00
Bill Pmt -Check	4/5/2005	9456	DE BOOM, NATHAN	-625.00
Bill Pmt -Check	4/5/2005	9457	DIRECTV	-74.98
Bill Pmt -Check	4/5/2005	9458	DURRINGTON, GLEN	-375.00
Bill Pmt -Check	4/5/2005	9482	FEENSTRA, BOB	-375.00
Bill Pmt -Check	4/5/2005	9483	GROOMAN'S PUMP & WELL DRILLING, INC.	-87.69
Bill Pmt -Check	4/5/2005	9484	HAMRICK, PAUL	-125.00
Bill Pmt -Check	4/5/2005	9485	Hettinga, Peter	-375.00
Bill Pmt -Check	4/5/2005	9486	HSBC BUSINESS SOLUTIONS	-603.73
Bill Pmt -Check	4/5/2005	9487	HUITSING, JOHN	-750.00
Bill Pmt -Check	4/5/2005	9488	IDEAL GRAPHICS	-211.19
Bill Pmt -Check	4/5/2005	9489	KOOPMAN, GENE	-250.00
Bill Pmt -Check	4/5/2005	9461	KRUGER, W. C. "BILL"	-125.00
Bill Pmt -Check	4/5/2005	9462	KUHN, BOB	-250.00
Bill Pmt -Check	4/5/2005	9463	LOS ANGELES TIMES	-42.00
Bill Pmt -Check	4/5/2005	9464	MEDIA JIM	-705.00
Bill Pmt -Check	4/5/2005	9465	NEUFELD, ROBERT	-250.00
Bill Pmt -Check	4/5/2005	9466	NEXTEL COMMUNICATIONS	-555.33
Bill Pmt -Check	4/5/2005	9467	OFFICE DEPOT	-829.57
Bill Pmt -Check	4/5/2005	9468	PAYCHEX	-251.80
Bill Pmt -Check	4/5/2005	9469	PETTY CASH	-411.30
Bill Pmt -Check	4/5/2005	9470	PIERSON, JEFFREY	-125.00
Bill Pmt -Check	4/5/2005	9471	POWERS ELECTRIC PRODUCTS CO.	-407.00
Bill Pmt -Check	4/5/2005	9472	R&D PEST SERVICES	-85.00
Bill Pmt -Check	4/5/2005	9473	REID & HELLYER	-3,634.73
Bill Pmt -Check	4/5/2005	9459	STANDARD INSURANCE CO.	-462.47
Bill Pmt -Check	4/5/2005	9460	STATE COMPENSATION INSURANCE FUND	-1,086.04
Bill Pmt -Check	4/5/2005	9474	THE FURMAN GROUP, INC.	-2,610.00
Bill Pmt -Check	4/5/2005	9475	UNION 76	-321.18
Bill Pmt -Check	4/5/2005	9476	UNITED PARCEL SERVICE	-160.88
Bill Pmt -Check	4/5/2005	9477	UNITEK TECHNOLOGY INC.	-913.73
Bill Pmt -Check	4/5/2005	9478	VELASQUEZ JANITORIAL	-1,200.00
Bill Pmt -Check	4/5/2005	9479	VERIZON	-398.55
Bill Pmt -Check	4/5/2005	9480	WILDERMUTH ENVIRONMENTAL INC	-30,259.60
Bill Pmt -Check	4/5/2005	9481	YUKON DISPOSAL SERVICE	-123.90
Bill Pmt -Check	4/5/2005	9490	VANDEN HEUVEL, GEOFFREY	-250.00
Bill Pmt -Check	4/5/2005	9491	CITISTREET	-7,800.00
Bill Pmt -Check	4/5/2005	9492	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	-4,710.09
Bill Pmt -Check	4/5/2005	9493	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	-4,704.01
Bill Pmt -Check	4/8/2005	9494	NORDBAK'S PROMOTIONAL PRODUCTS	-1,334.56
Bill Pmt -Check	4/8/2005	9495	VIP AUTO DETAILING	-404.35
Bill Pmt -Check	4/11/2005	9496	STATE COMPENSATION INSURANCE FUND	-163.74
Bill Pmt -Check	4/14/2005	9497	ACWA SERVICES CORPORATION	-208.91
Bill Pmt -Check	4/14/2005	9498	AMERICAN WATER WORKS ASSOCIATION	-1,180.00
Bill Pmt -Check	4/14/2005	9499	BLACK & VEATCH CORPORATION	-3,365.50
Bill Pmt -Check	4/14/2005	9500	CAL CPA	-295.00
Bill Pmt -Check	4/14/2005	9501	CHEVRON	-79.96
Bill Pmt -Check	4/14/2005	9502	CONNEY SAFTEY PRODUCTS	-164.95
Bill Pmt -Check	4/14/2005	9503	CONRAD & ASSOCIATES, L.L.P.	-75.00
Bill Pmt -Check	4/14/2005	9504	EXCEL LANDSCAPE	-405.00
Bill Pmt -Check	4/14/2005	9505	HATCH AND PARENT	-61,704.04
Bill Pmt -Check	4/14/2005	9506	MCI	-900.15
Bill Pmt -Check	4/14/2005	9507	RBM LOCK & KEY	-10.18
Bill Pmt -Check	4/14/2005	9508	REID & HELLYER	-2,684.47
Bill Pmt -Check	4/14/2005	9509	RICOH BUSINESS SYSTEMS-Lease	-3,591.31
Bill Pmt -Check	4/14/2005	9510	SAN BERNARDINO COUNTY FLOOD CONTROL DI...	-550.00
Bill Pmt -Check	4/14/2005	9511	FIRST AMERICAN REAL ESTATE SOLUTIONS	-125.00
General Journal	4/14/2005	05/04/4	PAYROLL	-5,854.52
General Journal	4/14/2005	05/04/4	PAYROLL	-19,690.31
Bill Pmt -Check	4/26/2005	9512	PETTY CASH	-447.69
Bill Pmt -Check	4/26/2005	9513	ADEX MEDICAL INC	-65.50

CHINO BASIN WATERMASTER
Cash Disbursement Detail Report
April 2005

Type	Date	Num	Name	Amount
Bill Pmt -Check	4/26/2005	9514	BANK OF AMERICA	-2,016.21
Bill Pmt -Check	4/26/2005	9515	BLACK & VEATCH CORPORATION	-5,442.50
Bill Pmt -Check	4/26/2005	9516	CITIZENS CONFERENCING	-147.16
Bill Pmt -Check	4/26/2005	9517	ELLISON, SCHNEIDER & HARRIS, LLP	-5,247.42
Bill Pmt -Check	4/26/2005	9518	EXCEL LANDSCAPE	-9,622.00
Bill Pmt -Check	4/26/2005	9519	INLAND COUNTIES INSURANCE SERVICES, INC.	-228.54
Bill Pmt -Check	4/26/2005	9520	PITNEY BOWES CREDIT CORPORATION	-468.72
Bill Pmt -Check	4/26/2005	9521	PRE-PAID LEGAL SERVICES, INC.	-129.50
Bill Pmt -Check	4/26/2005	9522	STANDARD INSURANCE CO.	-462.47
Bill Pmt -Check	4/26/2005	9523	CALPERS	-2,727.72
Bill Pmt -Check	4/26/2005	9524	CUCAMONGA VALLEY WATER DISTRICT	-4,900.00
Bill Pmt -Check	4/26/2005	9525	MONTGOMERY WATSON HARZA	0.00
Bill Pmt -Check	4/26/2005	9526	WILDERMUTH ENVIRONMENTAL INC	-173,339.28
Check	4/26/2005	9534	SOUTHERN CALIFORNIA WATER COMPANY	-52,313.99
Bill Pmt -Check	4/26/2005	9527	ARROWHEAD MOUNTAIN SPRING WATER	-34.81
Bill Pmt -Check	4/26/2005	9528	CITISTREET	-4,150.00
Bill Pmt -Check	4/26/2005	9529	NEXTEL COMMUNICATIONS	-557.35
Bill Pmt -Check	4/26/2005	9530	NORDBAK'S PROMOTIONAL PRODUCTS	-552.11
Bill Pmt -Check	4/26/2005	9531	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	-4,714.74
Bill Pmt -Check	4/26/2005	9532	UNION 76	-484.88
Bill Pmt -Check	4/26/2005	9533	WATER EDUCATION FOUNDATION	-500.00
Bill Pmt -Check	4/27/2005	9535	INLAND EMPIRE UTILITIES AGENCY	-23,832.81
Bill Pmt -Check	4/27/2005	9536	PARK PLACE COMPUTER SOLUTIONS, INC.	-3,520.00
Bill Pmt -Check	4/27/2005	9537	CHINO BASIN WATER CONSERVATION DISTRICT	-2,860.00
Bill Pmt -Check	4/27/2005	9538	JUAN POLLO	-129.29
General Journal	4/28/2005	05/04/6	PAYROLL	-5,727.78
General Journal	4/28/2005	05/04/6	PAYROLL	-19,539.89
Bill Pmt -Check	4/29/2005	9539	CAFE CALATO	-258.60
				-496,256.06

Apr 05

CHINO BASIN WATERMASTER
 COMBINING SCHEDULE OF REVENUE, EXPENSES AND CHANGES IN WORKING CAPITAL
 FOR THE
 PERIOD JULY 1, 2004 THROUGH MARCH 31, 2005

	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			4,807,004		74,241				4,881,245	\$3,984,888
Interest Revenue			127,984	7,715	4,339			27	140,055	78,330
Mutual Agency Project Revenue		161,556							161,556	0
Grant Income									-	0
Miscellaneous Income	-								-	0
Total Revenues	-	161,556	4,934,988	7,715	78,580	-	-	27	5,182,866	4,063,218
Administrative & Project Expenditures										
Watermaster Administration	540,578								540,578	621,784
Watermaster Board-Advisory Committee	35,472								35,472	37,018
Pool Administration			9,395	52,295	2,139				63,829	91,153
Optimum Basin Mgmt Administration		1,046,007							1,046,007	1,019,183
OBMP Project Costs		1,828,207							1,828,207	3,733,694
Education Funds Use								-	-	375
Mutual Agency Project Costs	39,885								39,885	80,004
Total Administrative/OBMP Expenses	615,935	2,874,214	9,395	52,295	2,139	-	-	-	3,553,978	5,583,211
Net Administrative/OBMP Income	(615,935)	(2,712,658)								
Allocate Net Admin Income To Pools	615,935		463,745	142,309	9,881				-	0
Allocate Net OBMP Income To Pools		2,712,658	2,042,393	626,747	43,518				-	0
Agricultural Expense Transfer			814,401	(814,401)					-	0
Total Expenses	3,329,933		3,329,933	6,950	55,539	-	-	-	3,553,978	5,583,211
Net Administrative Income			1,605,055	765	23,041			27	1,628,888	(1,519,993)
Other Income/(Expense)										
Replenishment Water Purchases						8,097,107			8,097,107	0
MZ1 Supplemental Water Assessments						1,625,000			1,625,000	2,179,500
Water Purchases									-	0
MZ1 Imported Water Purchase									-	(2,278,500)
Groundwater Replenishment						(8,873,918)			(8,873,918)	0
Net Other Income						848,189			848,189	(99,000)
Net Transfers To/(From) Reserves			1,605,055	765	23,041	848,189	-	27	2,477,077	(1,618,993)
Working Capital, July 1, 2004			3,471,229	463,055	173,739	4,133,061	158,251	2,195	8,401,530	
Working Capital, End Of Period			5,076,284	463,820	196,780	4,981,250	158,251	2,222	10,878,607	
03/04 Production			136,795.139	41,978.182	2,914.774				181,688.095	
03/04 Production Percentages			75.291%	23.105%	1.604%				100.000%	

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**CHINO BASIN WATERMASTER
TREASURER'S REPORT OF FINANCIAL AFFAIRS FOR THE PERIOD
MARCH 1 THROUGH MARCH 31, 2005**

DEPOSITORIES:

Cash on Hand - Petty Cash		\$ 500
Bank of America		
Governmental Checking-Demand Deposits	\$ 635,016	
Savings Deposits	9,648	
Zero Balance Account - Payroll	-	644,664
Vineyard Bank CD - Agricultural Pool		404,057
Local Agency Investment Fund - Sacramento		10,047,479
TOTAL CASH IN BANKS AND ON HAND	3/31/2005	\$ 11,096,700
TOTAL CASH IN BANKS AND ON HAND	2/28/2005	11,463,107
PERIOD INCREASE (DECREASE)		\$ (366,407)

CHANGE IN CASH POSITION DUE TO:

Decrease/(Increase) in Assets: Accounts Receivable		\$ (74,788)
Assessments Receivable		9,743
Prepaid Expenses, Deposits & Other Current Assets		(7,777)
(Decrease)/Increase in Liabilities: Accounts Payable		7,693,015
Accrued Payroll, Payroll Taxes & Other Current Liabilities		(27,599)
Transfer to/(from) Reserves		(7,959,001)
PERIOD INCREASE (DECREASE)		\$ (366,407)

SUMMARY OF FINANCIAL TRANSACTIONS:

	Petty Cash		Govt'l Checking Demand		Zero Balance Account Payroll		Savings	Vineyard Bank	Local Agency Investment Funds	Totals
Balances as of 2/28/2005	\$ 500	\$	1,002,348	\$	-	\$	9,635	\$ 403,145	\$ 10,047,479	\$ 11,463,107
Deposits	-		-		-		13	912	-	925
Transfers	-		(72,803)		72,803		-	-	-	-
Withdrawals/Checks	-		(294,529)		(72,803)		-	-	-	(367,332)
Balances as of 3/31/2005	\$ 500	\$	635,016	\$	-	\$	9,648	\$ 404,057	\$ 10,047,479	\$ 11,096,700
PERIOD INCREASE OR (DECREASE)	\$ -	\$	(367,332)	\$	-	\$	13	\$ 912	\$ -	\$ (366,407)

213

CHINO BASIN WATERMASTER
TREASURER'S REPORT OF FINANCIAL AFFAIRS FOR THE PERIOD
MARCH 1 THROUGH MARCH 31, 2005

INVESTMENT TRANSACTIONS

Effective Date	Transaction	Depository	Activity	Redeemed	Days to Maturity	Interest Rate(*)	Maturity Yield
March	-	L.A.I.F.	0				
TOTAL INVESTMENT TRANSACTIONS			\$ -	-			

* The earnings rate for L.A.I.F. is a daily variable rate; 2.48% was the effective yield rate at the Quarter ended March 31, 2005.

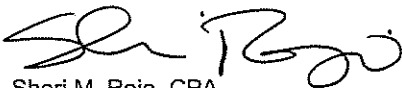
INVESTMENT STATUS
March 31, 2005

Financial Institution	Principal Amount	Number of Days	Interest Rate	Maturity Date
Local Agency Investment Fund	\$ 10,047,479			
Time Certificates of Deposit	-			
TOTAL INVESTMENTS	\$ 10,047,479			

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,



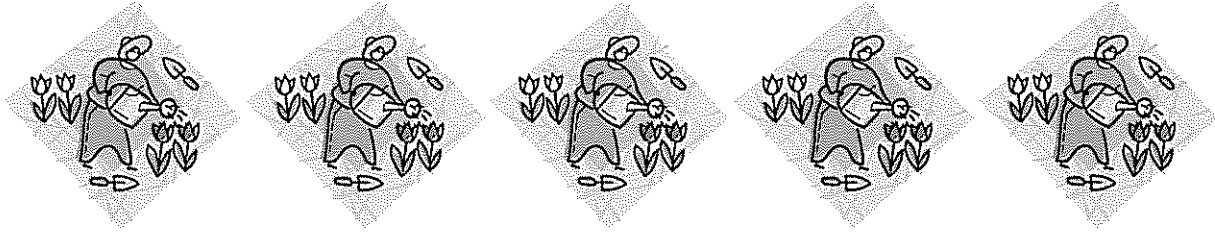
Sheri M. Rojo, CPA
Finance Manager
Chino Basin Watermaster

CHINO BASIN WATERMASTER
Profit & Loss Budget vs. Actual
July 2004 through March 2005

	<u>Jul '04 - Mar 05</u>	<u>Budget</u>	<u>\$ Over Budget</u>	<u>% of Budget</u>
Ordinary Income/Expense				
Income				
4010 · Local Agency Subsidies	161,556	132,000	29,556	122.39%
4110 · Admin Asmnts-Approp Pool	4,807,004	3,755,236	1,051,768	128.01%
4120 · Admin Asmnts-Non-Agri Pool	74,241	97,652	-23,411	76.03%
4700 · Non Operating Revenues	140,065	78,330	61,735	178.81%
Total Income	<u>5,182,866</u>	<u>4,063,218</u>	<u>1,119,648</u>	<u>127.56%</u>
Gross Profit	5,182,866	4,063,218	1,119,648	127.56%
Expense				
6010 · Salary Costs	308,771	401,704	-92,933	76.87%
6020 · Office Building Expense	81,656	100,800	-19,145	81.01%
6030 · Office Supplies & Equip.	34,297	45,500	-11,203	75.38%
6040 · Postage & Printing Costs	57,925	67,100	-9,175	86.33%
6050 · Information Services	79,654	105,076	-25,422	75.81%
6060 · Contract Services	140,067	106,000	34,067	132.14%
6080 · Insurance	18,625	21,710	-3,085	85.79%
6110 · Dues and Subscriptions	13,852	16,600	-2,748	83.45%
6140 · WM Admin Expenses	1,930	2,500	-570	77.21%
6150 · Field Supplies	506	4,250	-3,744	11.92%
6170 · Travel & Transportation	14,627	24,650	-10,023	59.34%
6190 · Conferences & Seminars	12,642	16,000	-3,358	79.02%
6200 · Advisory Comm - WM Board	8,839	13,459	-4,620	65.67%
6300 · Watermaster Board Expenses	26,633	23,559	3,074	113.05%
8300 · Appr PI-WM & Pool Admin	9,395	13,659	-4,264	68.79%
8400 · Agri Pool-WM & Pool Admin	13,146	16,417	-3,271	80.08%
8467 · Agri-Pool Legal Services	32,199	45,000	-12,801	71.55%
8470 · Ag Meeting Attend -Special	6,950	10,000	-3,050	69.5%
8500 · Non-Ag PI-WM & Pool Admin	2,139	6,077	-3,938	35.2%
6500 · Education Funds Use Expens	0	375	-375	0.0%
9500 · Allocated G&A Expenditures	-223,975	-290,106	66,131	77.21%
	639,880	750,330	-110,450	85.28%
6900 · Optimum Basin Mgmt Plan	963,021	933,566	29,455	103.16%
6950 · Mutual Agency Projects	39,885	80,004	-40,119	49.85%
9501 · G&A Expenses Allocated-OBMP	82,986	85,617	-2,631	96.93%
	<u>1,085,892</u>	<u>1,099,187</u>	<u>-13,295</u>	<u>98.79%</u>
7101 · Production Monitoring	29,239	54,957	-25,718	53.2%
7102 · in-line Meter Installation	10,706	93,969	-83,263	11.39%
7103 · Grdwtr Quality Monitoring	86,496	148,792	-62,296	58.13%
7104 · Gdwtr Level Monitoring	65,923	135,072	-69,149	48.81%
7105 · Sur Wtr Qual Monitoring	186,186	282,220	-96,034	65.97%
7106 · Wtr Level Sensors Install	0	19,114	-19,114	0.0%
7107 · Ground Level Monitoring	188,123	433,720	-245,597	43.37%
7108 · Hydraulic Control Monitoring	280,707	437,987	-157,280	64.09%
7200 · PE2- Comp Recharge Pgm	343,096	413,177	-70,081	83.04%
7300 · PE3&5-Water Supply/Desalte	90	20,885	-20,795	0.43%
7400 · PE4- Mgmt Plan	135,141	795,099	-659,958	17.0%
7500 · PE6&7-CoopEfforts/SaltMgmt	25,181	251,343	-226,162	10.02%
7600 · PE8&9-StorageMgmt/Conj Use	61,591	140,400	-78,809	43.87%

CHINO BASIN WATERMASTER
Profit & Loss Budget vs. Actual
July 2004 through March 2005

	<u>Jul '04 - Mar 05</u>	<u>Budget</u>	<u>\$ Over Budget</u>	<u>% of Budget</u>
7690 · Recharge Improvement Debt Pymt	274,169	274,169	0	100.0%
7700 · Inactive Well Protection Prgm	569	28,302	-27,733	2.01%
9502 · G&A Expenses Allocated-Projects	140,989	204,488	-63,499	68.95%
	<u>1,828,207</u>	<u>3,733,694</u>	<u>-1,905,487</u>	<u>48.97%</u>
Total Expense	<u>3,553,978</u>	<u>5,583,211</u>	<u>-2,029,233</u>	<u>63.66%</u>
Net Ordinary Income	<u>1,628,887</u>	<u>-1,519,993</u>	<u>3,148,880</u>	<u>-107.16%</u>
Other Income/Expense				
Other Income				
4231 · MZ1 Assigned Water Sales	0	600,000	-600,000	0.0%
4210 · Approp Pool-Replenishment	8,094,622	0	8,094,622	100.0%
4220 · Non-Ag Pool-Replenishment	2,485	0	2,485	100.0%
4230 · MZ1 Sup Wtr Assessment	1,625,000	1,579,500	45,500	102.88%
Total Other Income	<u>9,722,108</u>	<u>2,179,500</u>	<u>7,542,608</u>	<u>446.07%</u>
Other Expense				
5010 · Groundwater Replenishment	8,873,918	2,278,500	6,595,418	389.46%
9999 · To/(From) Reserves	2,477,077	-1,618,993	4,096,070	-153.0%
Total Other Expense	<u>11,350,995</u>	<u>659,507</u>	<u>10,691,488</u>	<u>1,721.13%</u>
Net Other Income	<u>-1,628,887</u>	<u>1,519,993</u>	<u>-3,148,880</u>	<u>-107.16%</u>
Net Income	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.0%</u>



CHINO BASIN WATERMASTER

II. BUSINESS ITEMS

- A. Consider Approval of AKB05020
Memorandum of Agreement –
Chino Basin Data Exchange System



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 12, 2005
May 17, 2005
May 26, 2005

TO: Committee Members
Watermaster Board Members

SUBJECT: Joint Chino Basin Watermaster/IEUA Chino Basin Data Exchange (DataX) Project

Summary

Issue – Approval of the Chino Basin Data Exchange (DataX) joint Chino Basin Watermaster/IEUA project

Recommendation – To authorize the Chief Executive Officer to execute the Memorandum of Agreement No. AKB05020.

Fiscal Impact – Chino Basin Watermaster and IEUA have each agreed to pay one-half of the costs of this project. IEUA's cost share of Phase I of the DataX project for the work being performed by WEI is anticipated not-to-exceed \$120,485. Funds are in the budget that is being prepared for Fiscal Year 2005/06.

Background

Both IEUA and Chino Basin Watermaster maintain water-related data, which they independently collect and store in different formats. These data include recycled water production and use; imported water quantity and certifications; water quality; surface water diversion and use; recharge of supplemental and storm water; and groundwater production and level. Each entity uses their data to generate reports for internal management, internal accounting, and regulatory and planning purposes.

The use of different formats for storing and maintaining this data makes the current sharing of this data expensive and leads to errors in data analyses. The expense comes from duplicate efforts in collecting, managing, and storing data. Errors occur from either incorrect use or omission of data because users may not be familiar with the data being used. Reports prepared by the agencies to support management decisions have sometimes contained different and inconsistent information.

To address these issues, the Chino Basin Watermaster and IEUA agreed to jointly develop DataX to facilitate the collection, management and sharing of certain water resources data between the entities, as set forth in the attached Memorandum of Agreement (Attachment 1). Most of the development work is being accomplished by Wildermuth Environmental, Inc. (WEI), with support from Watermaster and IEUA's staff as necessary. This is a multi-year project that will be reviewed on a year-to-year basis to determine if further enhancements are warranted.

AKB05020
MEMORANDUM OF AGREEMENT
CHINO BASIN DATA EXCHANGE SYSTEM DEVELOPMENT

BETWEEN
CHINO BASIN WATERMASTER
AND THE
INLAND EMPIRE UTILITIES AGENCY

This agreement is executed by the Chino Basin Watermaster (Watermaster) and the Inland Empire Utilities Agency (IEUA) (collectively, the Parties) to set forth the Parties' obligations and commitments for development of the Chino Basin Data Exchange (DataX) system to facilitate the collection, management and sharing of water resources data between the Parties, including data related to:

- a. local surface water diversion and use;
- b. recycled water production and use;
- c. imported water quantity and certifications;
- d. groundwater production;
- e. recharge of supplemental and storm water;
- f. water quality;
- g. groundwater level; and
- h. monitoring station data.

Both Parties maintain some of these data, which they independently collect and store in different formats. Each entity uses their data to generate reports for internal management, internal accounting, and regulatory and planning purposes. The use of different formats for storing and maintaining these data makes the current sharing of these data expensive and leads to errors in data analyses. The expense comes from duplicate efforts in collecting, managing, and storing data. Errors occur from either incorrect use or omission of data because users may not be familiar with the data being used. Reports prepared by the agencies to support management decisions have sometimes contained different and inconsistent information. DataX is designed to formalize a data collection and sharing process that minimizes the cost of acquiring certain water resources data, facilitates the sharing of these data between the Parties and increases the integrity of the data.

Attachment 1, the DataX work plan, summarizes the work to be accomplished during Fiscal Year 2004/2005. Table 1 provides the estimated cost of developing the system, which is to be shared equally between both Parties. These efforts are divided into five tasks as shown below.



5/31/2005



Task 1: Develop Database and Network Security

DataX will be composed of three main components: (1) a new IEUA database, (2) an expanded Watermaster database, and (3) a common user interface with seamless access across both databases. Since DataX will integrate two databases, portions of each database will require restricted access to certain users. Access rules and database and network security will be developed under this task.

Task 2: Develop New IEUA Database

Currently, IEUA stores Metropolitan billing information in spreadsheets, recycled water information in an MS-Access database, and water quality data in a Laboratory Information Management System (LIMS). The billing and recycled water information will be migrated to a common database – the new IEUA database. Certain LIMS data will be periodically exported to the Watermaster database where water quality information will be stored. A new database to meet all IEUA's data storage needs will be developed, populated with legacy imported water data and installed at IEUA. The database will also be designed to eventually accommodate storm water data from the storm water recharge basins Supervisory Control and Data Acquisition (SCADA) systems so it may be periodically exported to Watermaster in a manner similar to the LIMS data.

Task 3: Expand Watermaster Database

The Watermaster currently maintains well, groundwater quality, groundwater level and groundwater production information in an MS-Access database format. With the DataX requirement to maintain other types of measurements like storm water, surface diversion and imported water, the current Watermaster database structure will be expanded to handle these additional data types.

Task 4: Develop a System Interface

With the two main components built to store IEUA and Watermaster data respectively, the third DataX component is the seamless access across both databases. With the advancement of certain technologies in the areas of the Internet and Geographic Information Systems (GIS), a web-based, GIS-driven, commercial off-the-shelf user interface product called Mapplet.NET will be implemented.

Task 5: Provide User's Guide and Documentation

A DataX user's guide and supporting documentation will be created.

Most of these tasks will be performed by Wildermuth Environmental, Inc. (WEI) with



additional support to be provided by staff from both Parties, as required. The Parties will each pay one half of WEI's charges as estimated in Table 1. WEI will provide detailed invoices to the Watermaster on a monthly or more frequent basis, and the Watermaster will pay WEI. The Watermaster will periodically invoice IEUA providing copies of the WEI detailed invoices, and IEUA will reimburse the Watermaster for IEUA's share of the costs.

This will be a multiyear agreement beginning July 1, 2004 and will remain in effect through at least June 30, 2006. A budget is being prepared for Phase II of the project to be completed during Fiscal Year 2005/06. A determination as to whether or not the Parties wish to extend this agreement to further develop DataX will be based on the results of Phases I and II of the project.

Approved:

CHINO BASIN WATERMASTER

Dated: _____ By: _____

Title: _____

INLAND EMPIRE UTILITIES AGENCY

Dated: APRIL 20, 2005 By: Richard M. Awak

Title: GENERAL MANAGER



Inland Empire
UTILITIES AGENCY

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**Table 1
Chino Watershed Database Management System**

Task/Subtask/Description	Notes	Labor		Other Direct Costs				Total for Subtasks	Total for Tasks
		Total Labor Cost	Mileage	New Equipment and Expendables	Subcontractors (d)	Reproduction	Total ODC		
Task 1 Develop Database and Network Security for CWDMIS									
1.1 User Access Rules and Database and Network Security									
Research and develop groups, users, access control lists, and database and network security	a	\$2,904						\$3,404	\$11,844
Meet to review groups, users, and access control lists, and database and network security	a, b, c	\$2,168	\$100			\$500	\$100	\$2,268	
Prepare draft memorandum defining rules and security	a	\$1,936				\$500	\$500	\$2,436	
Meet with staff for review and comments on draft memorandum	a, b, c	\$2,168	\$100				\$100	\$2,268	
Finalize memorandum	a	\$968				\$500	\$500	\$1,468	
Task 2 Develop New IEUA Database									
2.1 Build IEUA Database Based on ERT									
Create tables: STATIONS, STATION TYPES, TRANSACTIONS, TRANSACTION TYPES, MEASUREMENTS, MEASUREMENT TYPE	a	\$1,936						\$1,936	\$19,944
Create views: For various station types (recharge basins, MWD billing, etc)		\$1,472						\$1,472	
Create views: For various transaction types related to MWD billing		\$1,472						\$1,472	
Create views: For various measurement types related to measurements collecti		\$1,472						\$1,472	
Create views: For MWD billing report		\$3,872						\$3,872	
Create views: For recycled water report		\$3,872						\$3,872	
Create triggers: For built in data processing, data integrity checkin		\$2,904						\$2,904	
Create rules and set security based on final memorandum in Task		\$1,472						\$1,472	
Test database and network accounts for accuracy and vulnerability		\$1,472						\$1,472	
2.2 Migrate Recycled Water Database									
Prepare existing database by removing duplicates and data hot	a	\$1,976						\$1,976	\$32,992
Develop tools to import data to databas		\$1,976						\$1,976	
Design review of interface forms and reports by IEU,	b								
Rebuild recycled water database interface with same number of screens and reports to be used intern									
Total forms:		\$19,360						\$19,360	
Total reports:		\$9,680						\$9,680	
2.3 Develop EDD Exchange with LIMS									
Meet with LIMS staff to discuss requirements for EDD exchange	a, b	\$4,144	\$100				\$100	\$4,244	\$15,376
Prepare draft memorandum of understanding based on meeting outcon	a	\$2,480				\$500	\$500	\$2,980	
Meet with LIMS staff for review and comments on draft memorandum	a, b	\$2,168	\$100				\$100	\$2,268	
Finalize memorandum	a	\$1,472				\$500	\$500	\$1,972	
Develop and test EDD exchange tools based on requiremen	a, b	\$3,912						\$3,912	
2.4 Develop Imported Water Entitles									
Collect and process data into format that can be imported into databa	a, b	\$2,944						\$2,944	\$17,504
Develop tools to import data to databas	a	\$2,944						\$2,944	
Design review of interface forms and reports by IEU,	b								
Develop MWD billing reports to be used internall	a								
Total forms:		\$5,808						\$5,808	
Total reports:		\$5,808						\$5,808	
2.5 Develop Storm Water Entitles									
Meet with staff to discuss requirements for EDD exchange	a, b		\$100				\$100	\$100	\$1,200
Prepare draft memorandum of understanding based on meeting outcon	a		\$100			\$500	\$600	\$600	
Meet with staff for review and comments on draft memorandum	a, b								
Finalize memorandum	a					\$500	\$500	\$500	
Develop and test EDD exchange tools based on requiremen	a, b								
Develop storm water reports to be used internall	a								
Total forms:									
2.6 Database Installation									
	a	\$3,872						\$3,872	\$3,872

31

Table 1 Chino Watershed Database Management System									
Task/Subtask/Description	Notes	Labor	Other Direct Costs				Total for Subtasks	Total for Tasks	
		Total Labor Cost	Mileage	New Equipment and Expendables	Subcontractors (d)	Reproduction			Total ODC
Task 3 Expand Watermaster Database									
3.1 Expand Watermaster Database Based on the Proposed ER									
Create tables: STATIONS, STATION TYPES, MEASUREMENTS, MEASUREMENT_TYPE	a, c	\$2,904	\$100				\$100	\$100	\$26,820
Update tables: PRODUCTION, GW ELEVATIONS to handle monthly data		\$1,472						\$2,904	
Create views: For various stations types (recharge basins, stormwater basins, wells, sampling sites, et		\$1,472						\$1,472	
Create views: For various measurement types related to measurements collect		\$1,472						\$1,472	
Create views: For groundwater report		\$3,872						\$3,872	
Create views: For surface water report		\$2,904						\$2,904	
Create views: For imports from outside the basin report		\$2,904						\$2,904	
Create views: For storm water report		\$2,904						\$2,904	
Create triggers: For built in data processing, data integrity checkin		\$1,936						\$1,936	
Create stored procedures: For built in data processing, data integrity checkin		\$1,936						\$1,936	
Create rules and set security based on final memorandum in Task		\$1,472						\$1,472	
Test database and network accounts for accuracy and vulnerability		\$1,472						\$1,472	
3.2 Develop Expanded Entity									
Collect and process data into format that can be imported into database	a, c	\$2,944						\$2,944	\$25,024
Load data into database	a	\$2,944						\$2,944	
Develop data entry screens for monthly entries by agency	a	\$10,304						\$10,304	
Develop reports to be used internally	a	\$8,832						\$8,832	
Task 4 Develop the CWDMS interface									
4.1 MapInfo.NET Web-based Interface									
	a, e	\$4,840		\$35,989	\$13,920		\$49,909	\$54,749	\$54,749
Task 5 User's Guide and Documentation									
5.1 Draft User's Guide									
	a	\$19,760				\$1,000	\$1,000	\$20,760	\$20,760
5.2 Final User's Guide									
	a	\$9,880				\$1,000	\$1,000	\$10,880	\$10,880
Notes									
a	work done by consultants							\$240,965	\$240,965
b	some work done by IEUA, but not estimated								
c	some work done by CBWM, but not estimated								
d	placeholder, depends on cost								



CHINO BASIN WATERMASTER

II. BUSINESS ITEMS

- B. 2005/2006 Watermaster
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 12, 2005
May 17, 2005
May 26, 2005

TO: Committee Members
Watermaster Board Members

SUBJECT: Proposed Fiscal Year 2005/2006 Budget

SUMMARY

Issue – Annual Budget for Watermaster Administration and OBMP tasks during FY 2005-06.

Recommendations – Staff recommends the Committees and the Board take action to approve/adopt the Proposed FY 2005-06 Budget.

Fiscal Impact – The FY 2005-06 Proposed Budget expenses are \$8,656,762. The FY 2005-06 Budget, as proposed, anticipates a decrease in Administrative costs, an increase in OBMP general costs and an increase in OBMP project costs.

DISCUSSION

Staff has compiled a draft budget for continuing implementation of the basin's Optimum Basin Management Program. Staff anticipates the continuation of areas of focus to include:

- Monitoring activities – Water level and quality, production, surface water quality and hydraulic control
- Continued implementation of the recharge improvement project including recharge and well monitoring program
- Support of the Water Quality Committee, including construction of nine new monitoring wells
- Further development of the dry year yield and storage and recovery programs

- Management of subsidence related monitoring and analysis, including replacement of the piezometer located at Ayala Park
- Optimization of Watermaster and IEUA ground and surface water informational databases
- Implementation of Hydraulic Control Monitoring Program

The FY 2005-06 Proposed Budget includes expenditures for the local share of the Recharge Improvement Project being implemented by IEUA and Watermaster, including debt and operating & maintenance costs for the coming year.

In summary, the FY 2005-06 Budget, as proposed, anticipates a decrease in Administrative costs, an increase in OBMP general costs, and OBMP 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, but it is anticipated overall assessments will remain consistent with the prior year.

CHINO BASIN WATERMASTER



BUDGET FY 2005/2006

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**CHINO BASIN WATERMASTER
FY 2005/2006
SUMMARY BUDGET**

	FY 03-04 June Actual	FY 04-05 December Actual	FY 04-05 Current Budget	FY 05-06 Proposed Budget	Current vs. Proposed
Ordinary Income/Expense					
4000 Mutual Agency Revenue	\$301,209	\$0	\$132,000	\$132,000	\$0
4110 Appropriative Pool Assessments	4,614,056	4,807,004	3,755,236	4,804,121	1,048,885
4120 Non-Agricultural Pool Assessments	122,460	74,241	97,652	73,425	-24,227
4730 Prorated Interest Income	91,863	62,484	78,330	78,330	0
Total Income	5,129,588	4,943,729	4,063,218	5,087,876	1,024,658
Administrative Expenses					
6010 Salary Costs	411,829	217,559	401,704	404,153	2,449
6020 Office Building Expense	174,524	53,583	100,800	97,850	-2,950
6030 Office Supplies & Equip.	-35,449	24,953	50,500	54,000	3,500
6040 Postage & Printing Costs	69,924	41,548	67,100	75,700	8,600
6050 Information Services	108,994	61,473	105,076	103,500	-1,576
6060 WM Special Contract Services	187,214	97,468	106,000	130,500	24,500
6080 Insurance Expense	21,228	12,417	21,710	24,210	2,500
6110 Dues and Subscriptions	11,029	11,273	16,600	14,000	-2,600
6150 Field Supplies & Equipment	2,137	506	4,250	4,050	-200
6170 Vehicle Maintenance Costs	40,934	8,111	24,650	45,200	20,550
6190 Conferences & Seminars	17,944	7,734	16,000	17,500	1,500
6200 Advisory Committee Expenses	14,454	5,229	13,459	14,082	623
6300 Watermaster Board Expenses	33,116	18,754	23,559	29,782	6,223
6500 Education Fund Expenditures	375	0	375	375	0
8300 Appropriative Pool Administration	13,795	4,972	13,659	15,347	1,688
8400 Agricultural Pool Administration	246,513	36,567	71,417	73,756	2,339
8500 Non-Agricultural Pool Administration	3,220	1,016	6,077	7,423	1,346
9500 Allocated G&A Expenditures	-283,666	-136,289	-290,106	-378,284	-88,178
Total Administrative Expenses	1,038,114	466,874	752,830	733,144	-19,686
General OBMP Expenditures					
6900 Optimum Basin Mgmt Program	844,595	600,751	933,566	996,767	63,201
6950 Cooperative Efforts	81,416	40,000	80,004	75,000	-5,004
9501 Allocated G&A Expenditures	87,678	54,398	85,617	109,541	23,924
Total General OBMP Expenditures	1,013,689	695,149	1,099,187	1,181,308	82,121

CHINO BASIN WATERMASTER

FY 2005/2006

SUMMARY BUDGET

	FY 03-04 June Actual	FY 04-05 December Actual	FY 04-05 Current Budget	FY 05-06 Proposed Budget	Current vs. Proposed
7000 OBMP Implementation Projects					
7101 Production Monitoring	51,333	18,139	54,957	68,755	13,798
7102 In-Line Meter Installation/Maintenance	48,561	8,343	93,969	97,954	3,985
7103 Groundwater Quality Monitoring	289,984	67,583	148,792	66,503	-82,289
7104 Groundwater Level Monitoring	115,241	39,743	135,072	184,812	49,740
7105 Basin Water Quality Monitoring	76,306	63,249	282,220	90,223	-191,997
7106 Water Level Sensors Install	0	0	19,114	5,734	-13,380
7107 Ground Level Monitoring	90,674	169,269	433,720	554,825	121,105
7108 Hydraulic Control Monitoring Program	534,312	147,433	437,987	495,368	57,381
7109 Recharge & Well Monitoring Program	0	0	0	133,061	133,061
7200 OBMP Pgm Element 2 - Comp Recharge Program	156,459	262,770	413,177	759,105	345,928
7300 OBMP Pgm Element 3 & 5 - Water Supply Plan - Desalter	2,337	0	20,885	12,548	-8,337
7400 OBMP Pgm Element 4 - Mgmt Zone Strategies	199,251	59,787	795,099	1,081,014	285,915
7500 OBMP Pgm Element 6 & 7 - Coop Efforts/Salt Mgmt	56,339	14,289	251,343	255,769	4,426
7600 OBMP Pgm Element 8 & 9 Storage Mgmt/Conj Use	115,499	23,406	140,400	77,268	-63,132
7700 Inactive Well Protection Program	62	0	28,302	12,128	-16,174
7690 Recharge Improvement Debt Payment	376,169	274,169	274,169	300,000	25,831
9502 Allocated G&A Expenditures	195,988	81,892	204,488	268,742	64,254
Total OBMP Implementation Projects	2,308,515	1,230,072	3,733,694	4,463,809	730,115
Total Expenses	4,360,318	2,392,095	5,585,711	6,378,262	792,551
Net Ordinary Income	769,271	2,551,634	-1,522,493	-1,290,386	232,107
Other Income					
4210 Approp Pool-Replenishment	4,124,710	8,094,622	0	0	0
4220 Non-Ag Pool-Replenishment	11,288	2,485	0	0	0
4230 Groundwater Recharge Activity	1,585,854	1,625,000	2,179,500	600,000	-1,579,500
Total Other Income	5,721,852	9,722,107	2,179,500	600,000	-1,579,500
Other Expense					
5010 Groundwater Recharge	1,855,294	1,290,814	2,278,500	699,000	-1,579,500
Total Other Expense	1,855,294	1,290,814	2,278,500	699,000	-1,579,500
Net Other Income	3,866,558	8,431,293	-99,000	-99,000	0
9800 From / (To) Reserves	-4,635,829	-10,982,927	1,621,493	1,389,386	-232,107
Net Income	\$0	\$0	\$0	\$0	\$0

**CHINO BASIN WATERMASTER
FY 2005/2006
DETAIL BUDGET**

	FY 03-04 June Actual	FY 04-05 December Actual	FY 04-05 Current Budget	FY 05-06 Proposed Budget	Current vs. Proposed
Ordinary Income/Expense					
Income					
4000 Cooperative Effort Contributions					
4038 IEUA 50% MZ3 Study	\$169,209	\$0	\$0	\$0	\$0
4010 Local Agency Subsidies - Other	132,000	0	132,000	132,000	0
Total 4000 Mutual Agency Revenue	<u>301,209</u>	<u>0</u>	<u>132,000</u>	<u>132,000</u>	<u>0</u>
4110 Appropriative Pool Assessments					
4111 Administrative Assessment	358,343	751,443	533,748	734,198	200,450
4111.2 OBMP Assessment	2,425,053	2,728,368	1,563,577	2,712,511	1,148,934
4112 Ag Pool Reallocation - Administrative	480,827	230,524	171,481	225,244	53,763
4113 AgPool Reallocation - OBMP	1,065,712	837,035	952,261	832,168	-120,093
4115 Recharge Improvement Revenue	429,250	274,169	534,169	300,000	-234,169
4117 P/Y Adjustments & Pool Interest	-145,130	-14,535	0	0	0
Total 4110 Appropriative Pool Assessments	<u>4,614,056</u>	<u>4,807,004</u>	<u>3,755,236</u>	<u>4,804,121</u>	<u>1,048,885</u>
4120 Non-Agricultural Pool Assessments					
4123 Administrative Assessment	26,051	16,008	22,217	15,641	-6,576
4124 OBMP Assessment	97,178	58,121	75,435	57,784	-17,651
4127 P/Y Adjustments	-768	112	0	0	0
Total 4120 Non-Agricultural Pool Assessments	<u>122,460</u>	<u>74,241</u>	<u>97,652</u>	<u>73,425</u>	<u>-24,227</u>
Total 4100 Assessment Revenues	<u>4,736,516</u>	<u>4,881,245</u>	<u>3,852,888</u>	<u>4,877,546</u>	<u>1,024,658</u>
4730 Prorated Interest Income					
4731 Interest - Agricultural Pool	7,111	4,738	11,200	11,200	0
4732 Interest - Appropriative Pool	81,090	55,353	64,400	64,400	0
4733 Interest - Non-Agricultural Pool	3,624	2,379	2,730	2,730	0
4739 Interest - Education Fund	38	14	0	0	0
Total 4730 Prorated Interest Income	<u>91,863</u>	<u>62,484</u>	<u>78,330</u>	<u>78,330</u>	<u>0</u>
Total 4700 Non Operating Revenues	<u>91,863</u>	<u>62,484</u>	<u>78,330</u>	<u>78,330</u>	<u>0</u>
Total Income	<u>5,129,588</u>	<u>4,943,729</u>	<u>4,063,218</u>	<u>5,087,876</u>	<u>1,024,658</u>

39

**CHINO BASIN WATERMASTER
FY 2005/2006
DETAIL BUDGET**

	FY 03-04 June Actual	FY 04-05 December Actual	FY 04-05 Current Budget	FY 05-06 Proposed Budget	Current vs. Proposed
Administrative Expenses					
6010 Salary Costs					
6011 WM Staff Salaries & Payroll Burden	373,070	233,881	399,358	402,002	2,644
6012 Payroll Services	1,979	1,109	1,850	2,150	300
6016 New Employee Search Costs	1,529	241	500	0	-500
6017 Temporary Services	45,741	0	0	0	0
Subtotal Wages	<u>422,319</u>	<u>235,231</u>	<u>401,708</u>	<u>404,152</u>	<u>2,444</u>
6018 Fringe Benefits	271,806	134,875	337,580	377,767	40,187
60199 Payroll Burden Allocated	-282,297	-152,547	-337,584	-377,766	-40,182
Total 6010 Salary Costs	<u>411,829</u>	<u>217,559</u>	<u>401,704</u>	<u>404,153</u>	<u>2,449</u>
6020 Office Building Expense					
6021 Office Lease	60,455	29,400	58,800	58,800	0
6022 Telephone	14,538	7,295	13,500	14,500	1,000
6023 Electricity	2,398	0	0	0	0
6024 Building Repairs & Janitorial	6,394	5,808	8,500	10,000	1,500
6026 Security Services	276	0	550	550	0
6027 Other Expense	90,464	11,080	19,450	14,000	-5,450
Total 6020 Office Building Expense	<u>174,524</u>	<u>53,583</u>	<u>100,800</u>	<u>97,850</u>	<u>-2,950</u>
6030 Office Supplies & Equip.					
6031 Office Supplies	25,330	10,026	19,500	19,500	0
6038 Office Equipment	9,975	8,601	14,500	16,500	2,000
6039 Office Expenses	-73,019	5,082	11,500	11,500	0
6141 Meeting Expenses	2,265	1,244	5,000	6,500	1,500
Total 6030 Office Supplies & Equip.	<u>-35,449</u>	<u>24,953</u>	<u>50,500</u>	<u>54,000</u>	<u>3,500</u>
6040 Postage & Printing Costs					
6042 Postage	9,124	3,784	6,500	7,500	1,000
6043 Copy Machine Lease & Maintenance	55,621	29,914	53,200	58,500	5,300
6044 Postage Meter Lease	1,922	1,052	2,400	2,200	-200
6045 Outside Printing	3,256	6,798	5,000	7,500	2,500
Total 6040 Postage & Printing Costs	<u>69,924</u>	<u>41,548</u>	<u>67,100</u>	<u>75,700</u>	<u>8,600</u>
6050 Information Services					
6052 Computer Consultant Support Svcs	59,013	27,036	53,500	53,500	0
6053 Internet Services	11,782	8,836	17,000	17,000	0
6054 Computer Software	11,907	4,722	11,569	11,000	-569
6055 Computer Hardware	23,224	15,748	17,007	17,000	-7
6057 Computer Maintenance	3,069	5,131	6,000	5,000	-1,000
Total 6050 Information Services	<u>108,994</u>	<u>61,473</u>	<u>105,076</u>	<u>103,500</u>	<u>-1,576</u>

**CHINO BASIN WATERMASTER
FY 2005/2006
DETAIL BUDGET**

	FY 03-04 June Actual	FY 04-05 December Actual	FY 04-05 Current Budget	FY 05-06 Proposed Budget	Current vs. Proposed
6060 WM Special Contract Services					
6061 Contract Services	22,666	8,051	29,000	30,000	1,000
6062 Audit Services	3,839	0	4,500	5,500	1,000
6063 Public Relations Consultant	0	0	12,000	0	-12,000
6067 Legal Services - General Counsel	102,774	89,417	60,500	95,000	34,500
6068 Legal Services - Markot Settlement	57,935	0	0	0	0
Total 6060 WM Special Contract Services	187,214	97,468	106,000	130,500	24,500
6080 Insurance Expense					
6085 Business Insurance Package	21,019	12,417	21,500	24,000	2,500
6086 Position Bond Insurance	209	0	210	210	0
Total 6080 Insurance Expense	21,228	12,417	21,710	24,210	2,500
6110 Dues and Subscriptions					
6111 Membership Dues	5,212	11,105	14,500	13,500	-1,000
6112 Subscriptions	5,817	168	2,100	500	-1,600
Total 6110 Dues and Subscriptions	11,029	11,273	16,600	14,000	-2,600
6150 Field Supplies & Equipment					
6151 Small Tools & Equipment	864	506	2,200	2,000	-200
6154 Uniforms & Safety Shoes	1,273	0	2,050	2,050	0
Total 6150 Field Supplies & Equipment	2,137	506	4,250	4,050	-200
6170 Vehicle Maintenance Costs					
6171 Vehicle Allowance	6,750	1,950	7,200	6,000	-1,200
6173 Transportation Reimbursements	1,170	436	1,950	1,200	-750
6175 Vehicle Fuel	4,458	2,191	5,000	4,500	-500
6177 Vehicle Repairs & Maintenance	5,961	3,534	9,000	5,000	-4,000
6179 Vehicle Purchases	22,595	0	1,500	28,500	27,000
Total 6170 Travel & Transportation	40,934	8,111	24,650	45,200	20,550
6190 Conferences & Seminars					
6191 Conferences & Seminars	14,544	7,609	11,500	15,000	3,500
6192 Training & Continuing Education	3,400	125	4,500	2,500	-2,000
Total 6190 Conferences & Seminars	17,944	7,734	16,000	17,500	1,500

**CHINO BASIN WATERMASTER
FY 2005/2006
DETAIL BUDGET**

	FY 03-04 June Actual	FY 04-05 December Actual	FY 04-05 Current Budget	FY 05-06 Proposed Budget	Current vs. Proposed
6200 Advisory Committee Expenses					
6201 WM Staff Salaries	13,025	5,170	12,259	13,482	1,223
6212 Meeting Expense	1,429	59	1,200	600	-600
Total 6200 Advisory Committee Expenses	14,454	5,229	13,459	14,082	623
6300 Watermaster Board Expenses					
6301 WM Staff Salaries	17,072	7,875	12,259	13,482	1,223
6311 Board Member Compensation	13,750	9,875	9,000	14,000	5,000
6312 Meeting Expense	2,294	1,004	2,000	2,000	0
6313 Board Members' Expenses	0	0	300	300	0
Total 6300 WM Board Expenses	33,116	18,754	23,559	29,782	6,223
6500 Education Fund Expenditures	375	0	375	375	0
8300 Appropriative Pool Administration					0
8301 WM Staff Salaries	13,206	4,887	12,259	14,597	2,338
8312 Meeting Expenses	590	85	1,400	750	-650
Total 8300 Appropriative Pool Administration	13,795	4,972	13,659	15,347	1,688
8400 Agricultural Pool Administration					
8401 WM Staff	12,582	6,726	12,817	15,156	2,339
8411 Compensation	2,000	600	1,800	1,800	0
8412 Meeting Expenses	123	0	300	300	0
8450 Digester Funding	150,000	0	0	0	0
8456 IEUA RTS Meter Charge	242	1,031	1,500	1,500	0
8467 Ag-Pool Legal Service	71,442	23,685	45,000	45,000	0
8470 Ag Pool Meeting Special Compensation	10,125	4,525	10,000	10,000	0
Total 8400 AG Pool Admin	246,513	36,567	71,417	73,756	2,339
8500 Non-Agricultural Pool Administration					
8501 WM Staff	3,135	985	5,777	7,323	1,546
8512 Meeting Expense	85	31	300	100	-200
Total 8500 Non-Agricultural Pool Admin	3,220	1,016	6,077	7,423	1,346
9500 Allocated G&A Expenditures	-283,666	-136,289	-290,106	-378,284	-88,178
Total Administrative Expenses	1,038,114	466,874	752,830	733,144	-19,686

**CHINO BASIN WATERMASTER
FY 2005/2006
DETAIL BUDGET**

	FY 03-04 June Actual	FY 04-05 December Actual	FY 04-05 Current Budget	FY 05-06 Proposed Budget	Current vs. Proposed
General OBMP Expenses					
6900 Optimum Basin Mgmt Program					
6901 OBMP - Staff	100,569	57,803	114,465	155,174	40,709
6902 OBMP - Temporary Staff	60,058	27,239	42,114	0	-42,114
6903 OBMP - S.A.R.W.G. Support	22,750	0	0	0	0
6906 OBMP - Engineering	169,513	317,000	336,987	285,420	-51,567
6906.7 OBMP - DataX	0	0	0	126,173	126,173
6907 OBMP - Legal					
6907.1 Ellison & Schneider	96,869	21,041	85,000	50,000	-35,000
6907.2 Ludorh & Scalmanini	23,410	7,630	25,000	15,000	-10,000
6907.3 WM Legal Counsel	329,671	164,566	310,000	350,000	40,000
6909 OBMP - Other Expense	41,755	5,472	20,000	15,000	-5,000
Total 6900 OBMP	844,595	600,751	933,566	996,767	63,201
6950 Cooperative Efforts					
6953 TDS-Nitrogen Study	748	0	0	0	0
6959 Public Awareness Campaign/Legislative Updates	80,668	40,000	80,004	75,000	-5,004
Total 6950 Cooperative Efforts	81,416	40,000	80,004	75,000	-5,004
9501 Allocated G&A Expenditures	87,678	54,398	85,617	109,541	23,924
Total General OBMP Expenses	1,013,689	695,149	1,099,187	1,181,308	82,121
7000 OBMP Implementation Projects					
<i>7100 OBMP Pgm Element 1 - Comp Monitoring Program</i>					
7101 Production Monitoring					
7101.1 Production Monitoring - WM Staff	5,443	2,514	29,245	37,902	8,657
7101.2 Production Monitoring - Temporary Services	28,803	15,250	24,925	0	-24,925
7101.3 Production Monitoring - Engineering Services	16,262	0	0	30,065	30,065
7101.4 Production Monitoring - Computer Services	825	375	787	788	1
Total 7101 Production Monitoring	51,333	18,139	54,957	68,755	13,798

CHINO BASIN WATERMASTER

FY 2005/2006

DETAIL BUDGET

	FY 03-04 June Actual	FY 04-05 December Actual	FY 04-05 Current Budget	FY 05-06 Proposed Budget	Current vs. Proposed
7102 In-Line Meter Installation/Maintenance					
7102.1 In-Line Meter - WM Staff	1,820	1,897	15,443	24,004	8,561
7102.2 In-Line Meter - Temporary Services	2,892	0	14,026	0	-14,026
7102.4 In-Line Meter - Contract Services	15,437	0	7,000	14,000	7,000
7102.5 In-Line Meter - Maintenance & Repair	2,348	1,484	9,000	4,500	-4,500
7102.6 In-Line Meter - Supplies	70	0	1,000	250	-750
7102.7 In-Line Meter - In-Line Meters	3,418	762	10,000	25,200	15,200
7102.8 Calibration & Testing	22,575	4,200	37,500	30,000	-7,500
Total 7102 In-Line Meter Installation/Maintenance	48,561	8,343	93,969	97,954	3,985
7103 Groundwater Quality Monitoring					
7103.1 Grdwtr Quality - WM Staff	31,430	9,634	15,604	12,628	-2,976
7103.2 Grdwtr Quality - Temporary Services	7,511	1,524	6,122	0	-6,122
7103.3 Grdwtr Quality - Engineering Services	241,245	55,124	83,279	38,512	-44,767
7103.4 Grdwtr Quality - Contract Services	30	0	16,000	0	-16,000
7103.5 Grdwtr Quality - Laboratory Services	7,522	0	25,000	12,575	-12,425
7103.6 Grdwtr Quality - Supplies	1,496	926	2,000	2,000	0
7103.7 Grdwtr Quality - Computer Services	750	375	787	788	1
Total 7103 Groundwater Quality Monitoring Program	289,984	67,583	148,792	66,503	-82,289
7104 Groundwater Level Monitoring					
7104.1 Grdwtr Level - WM Staff	30,870	13,337	15,604	52,237	36,633
7104.2 Grdwtr Level - Temporary Services	34,175	16,210	61,996	0	-61,996
7104.3 Grdwtr Level - Engineering Services	21,346	8,769	29,972	99,575	69,603
7104.4 Grdwtr Level - Contract Services	465	0	0	3,000	3,000
7104.6 Grdwtr Level - Supplies	3,430	1,427	2,500	2,000	-500
7104.7 Grdwtr Level - Capital Equipment	24,954	0	25,000	28,000	3,000
Total 7104 Groundwater Level Monitoring	115,241	39,743	135,072	184,812	49,740
7105 Basin Water Quality Monitoring					
7105.1 Basin Water Quality - WM Staff	8,637	1,861	11,938	34,094	22,156
7105.2 Basin Water Quality - Temporary Services	6,196	3,631	0	0	0
7105.3 Basin Water Quality - Engineering Services	13,390	32,071	191,282	21,377	-169,905
7105.4 Basin Water Quality - Laboratory Services	47,925	25,266	75,000	33,252	-41,748
7105.6 Basin Water Quality - Supplies	158	420	4,000	1,500	-2,500
Total 7105 Basin Water Quality Monitoring	76,306	63,249	282,220	90,223	-191,997
7106 Water Level Sensors Install					
7106.1 Water Level Sensors - WM Staff	0	0	6,278	5,734	-544
7106.2 Water Level Sensors - Temporary Services	0	0	12,836	0	-12,836
Total 7106 Water Level Sensors Installation	0	0	19,114	5,734	-13,380

**CHINO BASIN WATERMASTER
FY 2005/2006
DETAIL BUDGET**

	FY 03-04 June Actual	FY 04-05 December Actual	FY 04-05 Current Budget	FY 05-06 Proposed Budget	Current vs. Proposed
7107 Ground Level Monitoring					
7107.1 Ground Level - WM Staff	15,175	6,715	21,119	12,316	-8,803
7107.2 Ground Level - Engineering Services	1,179	53,851	85,770	72,739	-13,031
7107.3 Ground Level - Synthetic Aperture Radar	0	100,328	209,131	40,000	-169,131
7107.5 Ground Level - Laboratory Services	0	0	0	0	0
7107.6 Ground Level - Contract Services	0	8,375	87,700	84,500	-3,200
7107.7 Ground Level - Piezometer at Ayala Park	0	0	30,000	343,000	313,000
7107.8 Ground Level - Capital Equipment Extensometers	74,321	0	0	0	0
7107.9 Ground Level - Supplies	0	0	0	2,270	2,270
Total 7107 Ground Level Monitoring Pgm	90,674	169,269	433,720	554,825	121,105
7108 Hydraulic Control Monitoring Program					
7108.1 Hydraulic Control Monitoring - WM Staff	15,409	15,335	21,254	18,014	-3,240
7108.2 Hydraulic Control Monitoring - Temporary Services	2,832	0	5,714	0	-5,714
7108.3 Hydraulic Control Monitoring - Engineering Services	414,825	110,017	36,170	111,464	75,294
7108.4 Hydraulic Control Monitoring - Laboratory Services	47,422	19,190	2,055	59,150	57,095
7108.5 Hydraulic Control Monitoring - Construction	53,825	2,891	372,794	272,205	-100,589
7108.9 Hydraulic Control Monitoring - Contract Services	0	0	0	34,535	34,535
Total 7108 Hydraulic Control Monitoring Pgm	534,312	147,433	437,987	495,368	57,381
7109 Recharge & Well Monitoring Program					
7109.1 Recharge & Well Monitoring - WM Staff	0	0	0	597	597
7109.3 Recharge & Well Monitoring - Engineering Services	0	0	0	55,424	55,424
7109.4 Recharge & Well Monitoring - Laboratory Services	0	0	0	77,040	77,040
Total 7109 Recharge & Well Monitoring Pgm	0	0	0	133,061	133,061
7200 OBMP Pgm Element 2 - Comp Recharge Program					
7201 Comp Recharge - WM Staff	77,743	59,688	59,177	84,325	25,148
7202 Comp Recharge - Engineering Services	62,509	11,575	0	129,780	129,780
7203 Comp Recharge - Contract Services	0	1,003	74,000	20,000	-54,000
7204 Comp Recharge - Supplies	8,385	664	5,000	5,000	0
7205 Comp Recharge - Other Expenses	12	1,013	5,000	5,000	0
7206 Comp Recharge - Basin Program O&M	7,810	188,827	260,000	510,000	250,000
7207 Comp Recharge - Legal	0	0	10,000	5,000	-5,000
Total 7200 Comprehensive Recharge Pgm	156,459	262,770	413,177	759,105	345,928
7300 OBMP Pgm Element 3 & 5 - Water Supply Plan - Desalter					
7301 OBMP - WM Staff	1,076	0	10,885	5,048	-5,837
7303 OBMP - Engineering Services	1,257	0	10,000	7,500	-2,500
7305 OBMP - Supplies	4	0	0	0	0
Total 7300 OBMP Elements 3 & 5 Water Supply Plan	2,337	0	20,885	12,548	-8,337

**CHINO BASIN WATERMASTER
FY 2005/2006
DETAIL BUDGET**

	FY 03-04 June Actual	FY 04-05 December Actual	FY 04-05 Current Budget	FY 05-06 Proposed Budget	Current vs. Proposed
7400 OBMP Pgm Element 4 - Mgmt Zone Strategies					
7401 OBMP - WM Staff	11,151	3,706	26,099	38,731	12,632
7402 OBMP - Engineering Services	187,325	49,045	468,000	533,243	65,243
7403 OBMP - Contract Services	220	6,760	298,000	460,830	162,830
7404 OBMP - Supplies	42	13	3,000	24,000	21,000
7405 OBMP - Other Expenses	513	263	0	24,210	24,210
Total 7400 OBMP Element 4	199,251	59,787	795,099	1,081,014	285,915
7500 OBMP Pgm Element 6 & 7 - Coop Efforts/Salt Mgmt					
7501 OBMP - WM Staff	15,496	338	20,343	17,619	-2,724
7502 OBMP - Engineering Services	21,053	13,951	202,000	221,450	19,450
7503 OBMP - Contract Services	19,740	0	19,000	5,000	-14,000
7504 OBMP - Supplies	24	0	5,000	11,700	6,700
7505 OBMP - Other Expenses	26	0	5,000	0	-5,000
Total 7500 OBMP Element 6 & 7	56,339	14,289	251,343	255,769	4,426
7600 OBMP Pgm Element 8 & 9 Storage Mgmt/Conj Use					
7601 OBMP - WM Staff	20,327	1,656	20,400	27,318	6,918
7602 OBMP - Engineering Services	95,138	21,750	120,000	48,950	-71,050
7604 OBMP - Supplies	19	0	0	1,000	1,000
7605 OBMP - Other Expenses	16	0	0	0	0
Total 7600 OBMP Element 8 & 9	115,499	23,406	140,400	77,268	-63,132
7700 Inactive Well Protection Program					
7701 Inactive Well Protection Program - WM Staff	62	0	5,853	10,128	4,275
7702 Inactive Well Protection Program - Engineering Services	0	0	2,449	0	-2,449
7703 Inactive Well Protection Program - Contract Services	0	0	20,000	2,000	-18,000
Total 7700 Inactive Well Protection Program	62	0	28,302	12,128	-16,174
7690 Recharge Improvement Debt Payment	376,169	274,169	274,169	300,000	25,831
9502 Allocated G&A Expenditures	195,988	81,892	204,488	268,742	64,254
Total OBMP Implementation Projects	2,308,515	1,230,072	3,733,694	4,463,809	730,115
Total General OBMP & Implementation Projects	3,322,204	1,925,221	4,832,881	5,645,118	812,237
Total Expenses	4,360,318	2,392,095	5,585,711	6,378,262	792,551
Net Ordinary Income	769,271	2,551,634	-1,522,493	-1,290,386	232,107

**CHINO BASIN WATERMASTER
FY 2005/2006
DETAIL BUDGET**

	FY 03-04 June Actual	FY 04-05 December Actual	FY 04-05 Current Budget	FY 05-06 Proposed Budget	Current vs. Proposed
Other Income					
Water Replenishment Assessments					
4210 Approp Pool-Replenishment					
4211 15% Gross Assessments	613,995	1,192,575	0	0	0
4212 85% Net Assessments	3,475,657	6,757,911	0	0	0
4213 100% Net Assessments	35,058	144,136	0	0	0
Total 4210 Approp Pool-Replenishment	4,124,710	8,094,622	0	0	0
4220 Non-Ag Pool-Replenishment					
4223 Net Replenishment	11,288	2,485	0	0	0
Total 4220 Non-Ag Pool-Replenishment	11,288	2,485	0	0	0
4230 Groundwater Recharge Activity					
4230 Groundwater Recharge	1,585,854	1,625,000	1,579,500	0	-1,579,500
4231 MZ1 Assigned Water Sales	0	0	600,000	600,000	0
Total 4230 Groundwater Recharge Activity	1,585,854	1,625,000	2,179,500	600,000	-1,579,500
Total Other Income	5,721,852	9,722,107	2,179,500	600,000	-1,579,500
Other Expense					
5010 Groundwater Recharge					
5011 Replenishment Water	333,937	1,111,397	0	0	0
5012.3 MZ1 Recharge Commitment	1,517,690	0	1,514,500	0	-1,514,500
5012.4 MZI Interim Imported Water Purchase	0	149,143	699,000	699,000	0
5014 Vector Control	0	0	0	0	0
5015 OC-59 Use Fees	0	3,660	13,000	0	-13,000
5017 IEUA Surcharges	3,667	26,614	52,000	0	-52,000
Total 5010 Groundwater Recharge	1,855,294	1,290,814	2,278,500	699,000	-1,579,500
Total Other Expense	1,855,294	1,290,814	2,278,500	699,000	-1,579,500
Net Other Income	3,866,558	8,431,293	-99,000	-99,000	0
(To) / From Reserves	-4,635,829	-10,982,927	1,621,493	1,389,386	-232,107
Net Income	\$0	\$0	\$0	\$0	\$0

CHINO BASIN WATERMASTER
2005-2006 BUDGET
LINE ITEM JUSTIFICATION

Budget
Line
Number Comments

ORDINARY INCOME/EXPENSE

4000 COOPERATIVE EFFORT CONTRIBUTIONS

4038 IEUA Contribution 50% MZ3 Study IEUA Cooperative MZ3 study contribution.
4010 Local Agency Subsidies - Other This account represents funds which are to be received from Metropolitan Water District to offset our costs related to administering the Dry Year Yield Program.

4110 APPROPRIATIVE POOL ASSESSMENTS

4111 Administrative Assessment Appropriative Pool Assessments equal the Pool's share of all General Administrative Expenses levied to the Appropriators on a per acre foot basis levied based on the prior year's production.
4111.2 OBMP Assessment Appropriative Pool Assessments equal the Pool's share of all Optimum Management costs levied to the Appropriators on a per acre foot basis based on the prior year's production.
4112 Agricultural Pool Reallocation-Administrative Assessment The Appropriative Pool and the Overlaying Agricultural Pool agreed that the unproduced portion of Ag Pool's annual share of safe yield (82,800 acre feet) would be immediately reallocated to the Appropriative Pool members provided the Appropriative Pool would pay the Agricultural Pool's share of Administrative and Special Project expenses.
4113 Agricultural Pool Reallocation- OBMP Assessment With separate assessments levied for General Administration and Optimum Basin Management Plan and Implementation Costs, the Agricultural Pool costs charged through the reallocation levy have been separated to differentiate between the revenues from the two levies.
4115 Recharge Improvement Revenue This line item covers funds required to pay the budgeted debt service payment and the operating & maintenance expenses.
4117 P/Y Adjustments Made up of prior year interest and assessment/production adjustments. Credit reflected here showing interest earned during previous year is spread among the Appropriators based upon their assessments paid.

4120 NON-AGRICULTURAL POOL ASSESSMENTS

4123 Administrative Assessment Non-Agricultural Pool Assessments equal the Pool's share of all General Administrative Expenses levied to the Non-Agricultural Pool based on the prior year's production.
4124 OBMP Assessment Non-Agricultural Pool Assessments equal the Pool's share of all Optimum Basin Management costs levied to the Pool members based on the prior year's production.

4730 PRORATED INTEREST INCOME

Interest is prorated between the Pools and the Education Fund using formula approved by the Advisory Committee and Pools several years ago.

6010 SALARY COSTS

6011 WM Staff Salaries & Payroll Burden Expenses related to administrative staff hours and costs not related to a particular project.
6012 Payroll Services Expenses related to processing of bi-weekly payroll and preparation of quarterly and annual tax returns, including year end W-2 processing.

6016 Employee Search Costs Costs cover "help wanted" advertisements, pre-employment physicals & non-staff or consultant interviewer's time (if applicable).
6017 Temporary Services Temporary help on special administrative projects and staffing for vacant positions.
6018 Fringe Benefits Benefits paid to employees such as medical, dental, vacation, sick leave & holidays.
60199 Payroll Burden Allocated Fringe benefits allocated to salary costs.

6020 OFFICE BUILDING EXPENSE

6021 Office Lease Lease for Watermaster offices.
6022 Telephone Telephone expense includes office telephone system, cellular phones for management & field staff along with conference call service.
6023 Electricity Electricity for office based on projected actuals of current year.
6024 Building Repair & Maintenance This line item covers monthly housekeeping & small maintenance requests to the office.
6026 Security Services This line item covers the office alarm system.
6027 Other Expense Expenses to this line include office building improvements.

6030 OFFICE SUPPLIES & EQUIPMENT

6031 Office Supplies Office supplies include: copy paper, stationary, envelopes, checks and other miscellaneous office supplies.

6038 Office Equipment This Budget line covers the cost of office equipment other than computer equipment. Items could include FAX machines, telephones, overhead projectors, refrigerators, coffee machines, etc.
6039 Office Expense This line covers the costs of items not covered under any of the above #6030 lines including file management consulting fees.
6141 Meeting Expenses Expenses charged to this line include administrative meeting expenses.

**CHINO BASIN WATERMASTER
2005-2006 BUDGET
LINE ITEM JUSTIFICATION**

Budget
Line
Number Comments

6040 POSTAGE & PRINTING COSTS

6042 Postage Postage reflected here covers the cost of mailing or shipping all meeting notices and agendas; correspondence; annual reports; outgoing bills and payments, etc. Charges include FEDEX and United Parcel Service costs as well as postage. Costs have decreased due to electronic transmissions of data.

6043 Copy Machine Lease This line covers the cost of leasing copy machines from Ricoh as well as the costs for copies exceeding the minimum number per month/year as stipulated in the lease agreement.

6044 Postage Meter Lease Postage meter costs will include the annual lease fee, quarterly reset fees and postage meter ink cartridge replacements.

6045 Printing Printing costs covered here are those done by out-side printers and include blueprints, special area street maps, color prints, emergency printing when copiers are down for repairs, etc. Color brochures and annual financial statements will be printed.

6050 WATERMASTER INFORMATION SERVICES

6052 Computer Consultant Support Services Watermaster will be using consultants to identify hardware/software requirements; purchase, install and configure the computer system; train Watermaster staff, perform routine diagnostics, to provide application design services, and interagency coordination/communication.

6053 Internet Services Website maintenance costs & T-1 internet connection.

6054 Computer Software Costs include new software, software upgrades, textbooks, manuals, etc.

6055 Computer Hardware Costs include new and upgraded computer hardware such as workstations, servers, printers, backup power supplies, etc.

6057 Computer Maintenance Computer maintenance includes parts for breakdowns and routine maintenance.

6060 WATERMASTER SPECIAL CONTRACT SERVICES

6061 Other Contract Services Watermaster retained Rauch Communication Consultants to develop and implement a strategic plan.

6062 Audit Services This line item budgets funds to pay for the required annual financial statement audit.

6063 Public Relations Consultant Watermaster retains outside consultants on a per contract basis as our Public Relations Consultant, to keep us up to date regarding relevant legislative issues.

6065 MWD Connection Fee MWD charges, through IEUA, a monthly connection maintenance fee for each connection. This cost has been carried under Administration for the past several years rather than carried as a part of water replenishment costs because it is assessed whether or not Watermaster spreads water.

6067 Legal Services - General Counsel Watermaster's General Counsel .

6068 Legal Services - Markot Legal fees incurred regarding this litigation.

6080 INSURANCES

6085 Business Insurance Package All insurance policies are now included under Business Insurance Package, including auto & general liability.

6086 Position Bond Insurance Insures key positions for risk of misappropriation and/or fraud.

6110 DUES & SUBSCRIPTIONS

6111 Membership Dues Watermaster memberships include: American Water Works Assoc Research Foundation, Association of California Water Agencies, Association of Ground Water Agencies, Automobile Club of Southern California, and Costco.

6112 Subscriptions Watermaster currently subscribes to the following: The Business Press, California Water Law, California Water Journal, Chino Champion, Daily Bulletin, One-On-One Computer training and Smart Access assuming all current subscriptions will be renewed as well as new ones acquired.

6150 FIELD SUPPLIES & EQUIPMENT

6151 Small Tools and Equipment Small tools include cameras, pliers, nuts & bolts, any type of tool which might be required while working around well sites.

6154 Uniforms & Safety Shoes T-shirts, hats & jackets are provided staff with Watermaster's logo to wear while in the field and while representing Watermaster. This line item also includes work boots reimbursement for field staff.

6170 TRAVEL & TRANSPORTATION

6171 Vehicle Allowances Employment agreement allows the Chief Executive Officer a vehicle allowance of \$600 per month.

6173 Mileage Reimbursements Reimbursements paid to Watermaster employees' for use of personal vehicles for Watermaster business at the federally approved rate per mile. It is anticipated that personal vehicle use will increase for attendance at various meetings away from Watermaster's offices.

6174 Public Transportation Costs of public transportation (Metrolink, airlines, etc.) to meetings in cities outside the local area. (Note transportation to conferences is shown as part of account #6191 below)

6175 Vehicle Fuel With expanded field staff requirements for use of Watermaster's vehicles it is anticipated that fuel costs will increase.

6177 Vehicle Repairs Covers repairs & maintenance to Watermaster's vehicles.

6179 Vehicle Purchase Vehicle purchase allows for the addition of one truck to be purchased during the fiscal year.

**CHINO BASIN WATERMASTER
2005-2006 BUDGET
LINE ITEM JUSTIFICATION**

Budget
Line
Number Comments

6190 CONFERENCES & SEMINARS

- 6191 **Conferences & Seminars** Staff attends certain conferences for information, training, or making presentations regarding the Chino Basin Watermaster activities. Conferences attended in the past include: Association of California Water Agencies, California Water Law and Policy Conference, High Desert Water Conference, Department of Water Resources Conference and Santa Ana River Water Group Retreat.
- 6192 **Training & Continuing Education** Attendance at training & continuing education for staff.

6200 ADVISORY COMMITTEE

- 6201 **WM Staff Salaries** Reflected here are salary and burden costs of WM staff in attending and preparing minutes of Advisory Committee meetings.
- 6212 **Meeting Expenses** Advisory Committee meetings are normally scheduled to cover the lunch hour so that members are absent from their normal jobs the least amount of time possible. To accommodate the members, a luncheon is served and those costs are reflected here.

6300 WATERMASTER BOARD EXPENSES

- 6301 **WM Staff Salaries** Reflected here are salary and burden costs of WM staff in preparing for and attending and preparing minutes of Watermaster Board Meetings.
- 6311 **Member Compensation** Board Members are entitled to, but may waive, compensation for each day of service. Those who have not waived, receive \$125 per day served at various meetings including Board meetings, Committee meetings and other water agency meetings, including conference calls.
- 6312 **Meeting Expenses** Board and Committee meetings may be scheduled to cover the lunch hour so that attendees are absent from their normal jobs the least amount of time possible. If this occurs, a luncheon is served and those costs are reflected here.
- 6313 **Board Member's Expenses** Board Members are entitled to receive reimbursement for expenses incurred on behalf of Watermaster. Mileage is reimbursed to any Board Member using a personal vehicle on Watermaster business.

6500 EDUCATION FUND EXPENDITURES

This account disburses funds from the educational account as directed.

8300 APPROPRIATIVE POOL ADMINISTRATION AND SPECIAL PROJECTS

- 8301 **WM Staff Salaries** Reflected here are salary and burden costs of WM staff in attending and preparing minutes of Pool Meetings, and any other Appropriative Pool administrative activity.
- 8312 **Meeting Expenses** Appropriative Pool meetings are normally scheduled to cover the lunch hour so that members are absent from their normal jobs the least amount of time possible. To accommodate the members, a luncheon is served and those costs are reflected here.

8400 AGRICULTURAL POOL ADMINISTRATION AND SPECIAL STUDIES

- 8401 **WM Staff Salaries** Reflected here are salary and burden costs of WM staff in attending and preparing minutes of Pool Meetings, and any other Agricultural Pool administrative activity.
- 8411 **Compensation - AG Pool Members** AG Pool Members are reimbursed \$25 for each Pool, Committee or Board Meeting attended. Ag Pool voted to increase reimbursement to \$125 per meeting with the extra \$100 to be paid out of Ag Pool accumulated interest. This additional \$100 is shown under account #8470.
- 8412 **Meeting Expenses** Agricultural Pool meetings are scheduled so that members are absent from their normal jobs the least amount of time possible. To accommodate the members, coffee and snacks are served and those costs are reflected here.
- 8450 **Digester Funding** At the request of the Agricultural Pool, \$150,000 was budgeted to assist Inland Empire Utilities Agency's Digester Project.
- 8456 **IEUA RTS Meter Charge** Inland Empire Utilities Agency implemented a 'readiness to serve' charge against Watermaster for future provision of service to the land in the Agricultural preserve.
- 8467 **Agri-Pool Legal Services** The Agricultural Pool retains its own legal council, Reid & Hellyer, to represent them in all Watermaster matters.
- 8470 **Ag Pool Meeting Special Compensation** See account #8411 for details of this line item.

8500 NON-AGRICULTURAL POOL ADMINISTRATION AND SPECIAL PROJECTS

- 8501 **WM Staff Salaries** Reflected here are salary and burden costs of WM staff in attending and preparing minutes of Pool Meetings, collecting and recording production data and any other Non-Agricultural Pool administrative activity.
- 8512 **Meeting Expense** Non-Agricultural Pool meetings are normally scheduled for early morning so that members are absent from their normal jobs the least amount of time possible. To accommodate the members, coffee and snacks are served and those costs are reflected here.

9500 **Allocated G&A Expenditures** Administrative Overhead is allocated to OBMP & Project jobs as a percentage of total Watermaster salaries.

6900 OPTIMUM BASIN MANAGEMENT PROGRAM

- 6900 **OPTIMUM BASIN MANAGEMENT PROGRAM - ADMINISTRATION OF PROGRAM THROUGH 06/30/03** The work in the 6900 series includes general legal and engineering services requested by Watermaster to support implementation of the OBMP, including legal services of the Special Referee. The current budget request includes general, non-project specific as well as ad hoc requests for services promoting the ongoing efforts to implement the OBMP. Further planning includes development of stormwater best management practices for the Chino Basin. This line item includes General & Administrative overhead allocation.

**CHINO BASIN WATERMASTER
2005-2006 BUDGET
LINE ITEM JUSTIFICATION**

Budget
Line
Number

Comments

6950 COOPERATIVE EFFORTS

6953	TDS/Nitrogen Study - SAWPA	On an ad hoc basis, Watermaster and other agencies agree to share the costs of various projects that will benefit both parties. This is an on-going study managed through SAWPA with many contributors and participants. The amount budgeted is 1/2 the previous Watermaster commitment as was budgeted for Phase 2B. It is to finalize the Basin Plan Update with the RWQCB.
6956	CBWCD-Turner Basin Development	This represents funds expended for development within the Turner Basin.
6959	Public Awareness Campaign/Legislative Updates	This is a project that began as a result of the State of California's electric supply problems. It has subsequently evolved to include public awareness campaigns, along with updates regarding legislative activities.
9501	Allocated G&A Expenditures	Administrative Overhead is allocated to OBMP & Project jobs as a percentage of total Watermaster salaries.

7000 OPTIMUM BASIN MANAGEMENT PROGRAM IMPLEMENTATION PROJECTS

7101	PRODUCTION MONITORING	Watermaster staff collects and processes production information for the approximately 700 wells within the Basin, including approximately 200 Appropriator wells and approximately 500 private wells. Staff reads the meters for the private wells, while the Appropriators report their meter readings to Watermaster. The data is input into a production database that is updated quarterly, and that is used at the end of the fiscal year to provide essential data for the Assessment Package. Very minimal incidental supplies are required for this line item. Computer services are for the subscription for parcel lot information (split 50/50 with 7103--Groundwater Quality Monitoring).
7102	IN-LINE METER INSTALLATION	Approximately 600 in-line flow meters have now been installed on the previously unmetered private wells. Approximately 200 meters must be calibrated each year and other maintenance and repairs are required. Each calibration is expected to cost \$150. Twenty-eight more meters are expected to be installed this fiscal year, as these wells are expected to remain for at least another 12 months. Required supplies for this line item include miscellaneous tools.
7103	GROUNDWATER QUALITY MONITORING	Pursuant to the OBMP & Peace Agreement, Program Element 1 includes the development and implementation of a comprehensive groundwater quality monitoring program. Previously, Watermaster annually collected water quality data from approximately 200 private wells and obtained other water quality data from other cooperators so that approximately 1/3 of the active wells were sampled every third year. Other cooperators include members of the appropriative and overlying non-agricultural pools, the Regional Water Quality Control Board, the Department of Toxic Substances Control, the United States Geological Survey, the Orange County Water District and others. The key well monitoring program has now been implemented. A total of 114 wells are included within the water quality key well program, with approximately 60 wells being sampled and analyzed each year. This monitoring activity is a requirement for the Chino Basin to receive TDS and Nitrogen objectives based on maximum beneficial use. The ad hoc Water Quality Committee oversees the surface water and groundwater quality programs to ensure that necessary data are collected to effectively manage the Basin. Required supplies for this line item include sampling equipment such as piping and valving. Computer services are for the subscription for parcel lot information (split 50/50 with 7101--Production Monitoring). Half of the total expense for this project is budgeted, as the other half will be paid by IEUA.
7104	GROUNDWATER LEVEL MONITORING PROJECT	Pursuant to the OBMP & Peace Agreement, Program Element 1 includes the development and implementation of a comprehensive groundwater-level monitoring program. Previously, Watermaster staff measured all the private wells in the agricultural area that could be measured - once in the Fall and once in the Spring. Groundwater level data was also obtained from cooperators for other wells. Cooperators include members of the appropriative and overlying non-agricultural pools, Regional Water Quality Control Board (RWQCB), Department of Toxic Substances Control (DTSC), United States Geological Survey, Orange County Water District, and others. The key well monitoring program has now been implemented. Desalter/HCMP wells are now measured monthly and an additional approximately 340 are now measured semi-annually. 20 key wells will be equipped with transducers this fiscal year. The transducers obtain continuous data for a more intensive analysis and allow for a reduction in staff time for well water level soundings. Contract services for this item include Excel Landscape for weed & bush clearance around wells. Required supplies for this line item include sounder replacement lines (approximately six per year), rubber gloves, distilled water, and fittings for installing transducers. Half of the total expense for this project is budgeted, as the other half will be paid by IEUA.
7105	BASIN WATER QUALITY MONITORING	Pursuant to the OBMP & Peace Agreement, Program Element 1 also includes the surface water quality monitoring program. Work in this line item includes measuring water quality at recharge and flood retention basins within the Chino Basin. This was typically done during the rainy season only; approximately 3-4 samplings per basin per year. However, with the start of more recycled water and imported water recharge, sampling is expected to increase significantly. Flow and water quality data will also be collected from cooperators including IEUA, WR, JCSD, Cities of Corona and Riverside, Regional Water Quality Control Board, United States Geological Survey, Orange County Water District and others. This information is necessary to determine the quality of stormwater recharge, which is subsequently used to estimate salt offsets for recycled and imported water recharge. This monitoring activity is a requirement for the Chino Basin to receive TDS and Nitrogen objectives based on maximum beneficial use. Half of the total expense for this project is budgeted, as the other half will be paid by IEUA. Required supplies for this line item include rubber gloves, sample bags, and tools.

57

CHINO BASIN WATERMASTER
2005-2006 BUDGET
LINE ITEM JUSTIFICATION

Budget Line Number	Comments	
7106	WATER LEVEL SENSORS INSTALL	Pursuant to the OBMP & Peace Agreement, Program Element 1 also includes the development and implementation of a surface water discharge and recharge monitoring program. Water level data will be acquired by Watermaster staff. This information is necessary to determine the volume of stormwater recharge, and will be subsequently used to determine new yield and (in association with work in Line Item 7105) salt credits for recycled and imported water recharge. This monitoring activity is a requirement for the Chino Basin to receive TDS and Nitrogen objectives based on maximum beneficial use. No monies are budgeted for this item this fiscal year, as the sensors are now covered by Bid Package 5 of the Chino Basin Facilities Improvement Project.
7107	GROUND LEVEL MONITORING	Pursuant to the OBMP & Peace Agreement, Program Element 1 also includes the development and implementation of a ground level monitoring program. Watermaster is interested in determining how much, if any, subsidence has occurred in the Basin and in monitoring the effectiveness of the OBMP in minimizing it. Data will be collected from a network of ground elevation stations (surveys), from a multi-piezometer and from a dual borehole extensometer in the subsidence-prone area (mainly Management Zone 1). Satellite imagery (InSAR) also will be collected and analyzed for subsidence. Watermaster is implementing these efforts as part of the monitoring program associated with the MZ1 interim management plan. Monies are also budgeted for the replacement of piezometers at Ayala Park.
7108	HYDRAULIC CONTROL MONITORING PROGRAM	As part of the Basin Plan, a monitoring plan to evaluate the state of hydraulic control in the southern end of the basin has been developed. Hydraulic control will be used to maximize the safe yield of the basin. Watermaster, OCWD and the Regional Board have developed a monitoring plan to assess the state of hydraulic control to provide information to Watermaster to manage future production and recharge. Samples are collected from 11 stations along the SAR every-other-week for water quality analyses. Stream flow measurements are also collected from five stations along the SAR. New monitoring wells will be constructed for evaluating hydraulic control. This monitoring activity is a requirement for the Chino Basin to receive TDS and Nitrogen objectives based on maximum beneficial use. Half of the total expense for this project is budgeted, as the other half will be paid by IEUA.
7109	RECHARGE & WELL MONITORING PROGRAM	Pursuant to the OBMP & Peace Agreement, Program Element 1 also includes the surface water quality monitoring program. Work in this line item includes measuring water quality at recharge and flood retention basins within the Chino Basin. Lysimeter samples will be collected and analyzed at recycled water recharge basins. Also, monitoring well samples will be collected and analyzed at recycled water recharge basins. This monitoring activity is a requirement for the Chino Basin to receive TDS and Nitrogen objectives based on maximum beneficial use. Twenty-five percent of the total expense for this project is budgeted, as the other seventy-five percent will be paid by IEUA.
7200	OBMP PROGRAM ELEMENT 2 -- COMPREHENSIVE RECHARGE PROGRAM	Watermaster and IEUA will continue to improve the new recharge facilities by enhancing the SCADA system, hardening and heightening the internal conservation berms, installing ground water monitoring wells and lysimeters, adding reclaimed water turnouts, and conducting new basin feasibility studies.
7300	OBMP PROGRAM ELEMENTS 3 & 5 -- WATER SUPPLY PLAN - DESALTER	Pursuant to the OBMP & Peace Agreement, Watermaster assisted in the formation of the Chino Basin Desalter Authority (CDA) to expand the Chino I Desalter and to construct Chino II Desalter. The work in this line item includes engineering services for the technical review of non-Watermaster consultant work products for consistency with OBMP and other Watermaster interests.
7400	OBMP PROGRAM ELEMENT 4 - MANAGEMENT ZONE MANAGEMENT STRATEGIES	Pursuant to the OBMP & Peace Agreement, Watermaster has begun the process of developing management plans for MZ1 & MZ3. Producers in the known subsidence area in MZ1 agreed to an MZ1 Interim Management Plan. Watermaster will be collecting and reporting data gathered from the piezometer and extensometer installed in FY 02/03 and data from ground level survey stations. Data collected will be presented and discussed at the MZ1 Technical Group meetings. In Management Zone 3, Watermaster will conduct a thorough ground water quality survey to locate contaminant plumes which might impact appropriator wells. Plans include two new "sentry" wells to provide on-going monitoring of plume management.
7500	OBMP PROGRAM ELEMENTS 6 & 7 -- COOPERATIVE EFFORTS AND SALT MANAGEMENT	Pursuant to the OBMP & Peace Agreement, Watermaster will complete specific activities to improve water quality monitoring and analyze the effectiveness of the OBMP to accomplish its goals. The work in this line item included coordinating with RWQCB and DTSC, and participating in the TMDL process for Santa Ana River, Chino and Mill Creeks.
7600	OBMP PROGRAM ELEMENTS 8 & 9 -- STORAGE MANAGEMENT AND CONJUNCTIVE USE PROGRAMS	Pursuant to the OBMP & Peace Agreement, Watermaster will complete specific activities to implement storage management and to develop storage and recovery programs.
7700	INACTIVE WELL PROTECTION PROGRAM	Pursuant to the OBMP & Peace Agreement, Watermaster has compiled a list of inactive wells that have not been properly abandoned. Watermaster equips inactive wells with devices that meet the requirement of well abandonment to protect the integrity of the groundwater. These devices also allow for access to the well for monitoring purposes, if necessary. This fiscal year, approximately 12 more inactive wells will be equipped with such devices.
7690	RECHARGE IMPROVEMENT DEBT PAYMENT	Repayment of debt as agreed to in contract with Inland Empire Utilities Agency for improvement of recharge basins within the Chino Basin, to be paid by the Appropriators.
9502	ALLOCATED G&A EXPENDITURES	Administrative Overhead is allocated to OBMP & Project jobs as a percentage of total Watermaster salaries.

CHINO BASIN WATERMASTER
2005-2006 BUDGET
LINE ITEM JUSTIFICATION

Budget
Line
Number Comments

SUPPLEMENTAL & REPLENISHMENT WATER INCOME AND EXPENSES

Water rights were assigned in the Judgment entered in 1978. It established the terms and conditions regarding replenishment water and how the assessments would be levied to cover the water for each pool.

Appropriative Pool Replenishment Assessments

Certain Appropriators under the Judgment have 15% of the cost of replenishment water required by their group and 85% of the cost is paid by the appropriator overproducing water in the prior year. Other Appropriators have the obligation to pay 100% of the costs of replacing any overproduced water.

4211 15% Gross Assessments

Costs levied against the 15%/85% group for replacing water.

4212 85% Gross Assessments

Costs levied against the 15%/85% group for replacing water.

4213 100% Net Assessments

Costs levied against those subject to 100% assessments for replacing water.

Non-Agricultural Pool Replenishment

Non-AG members (primarily industrial producers) are required to replace any water produced which exceeds their assigned water rights.

4223 Net Replenishment Assessments

Costs levied against those subject to 100% assessments for replacing.

5010 GROUNDWATER RECHARGE

Costs of Replenishment or Supplemental Water are assessed at \$243/acre foot. Should actual expenses exceed the revenues from assessments, the difference will be covered by Watermaster's Reserve for Water Replenishment.

5011 Replenishment Water

This line covers the costs of purchasing replenishment water from MWD at \$233/af.

5012.3 MZ1 Recharge Commitment

This line covers the costs of purchasing 6,500 acre feet of supplemental water from MWD for recharge.

5012.4 MZI Interim Imported Water Purchase

This line covers the costs of purchasing water @ \$233/af.

Replenishment and Supplemental Water Delivery Costs

Estimated at \$11/acre foot, these costs are included under lines 5014 - 5018 below. At time of delivery actual costs are charged to the appropriate accounts.

5014 Vector Control

Vector control at Recharge Basins.

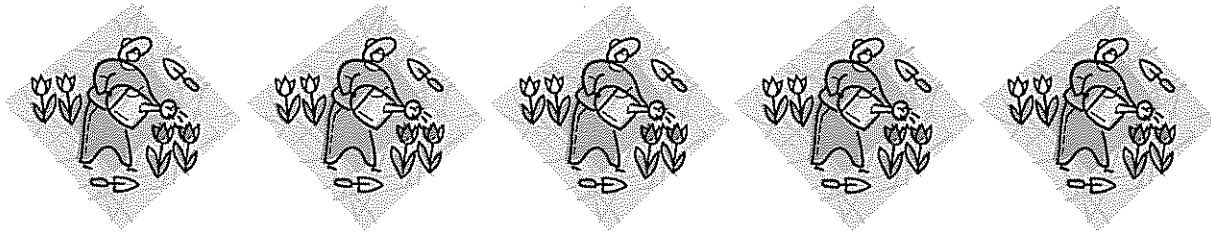
5015 OC-59 Use Fees

Connection Fees.

5017 IEUA Surcharges

Inland Empire Utilities Agencies charges \$8.00/acre foot for water delivered from the Metropolitan Water District of Southern California (MWD).

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CHINO BASIN WATERMASTER

II. BUSINESS ITEMS

- C. Stipulation with Cucamonga Valley Water District for Withdrawal of Protest Against Application



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 12, 2005
May 17, 2005
May 26, 2005

TO: Committee Members
Watermaster Board Members

SUBJECT: Stipulation with Cucamonga Valley Water District for Withdrawal of Protest Against Application

Summary

Issue – Joint Stipulation to Cucamonga Valley water District's Protest to Application No. 31369

Recommendation – Staff and Legal Counsel recommend that the Pools recommend approval of the Stipulation by the Advisory Committee and Board.

Fiscal Impact – None

Background

On April 1, 2003, Cucamonga Valley Water District ("CVWD") filed a protest against Watermaster's Santa Ana River water right application 31369.

CVWD diverts surface flows from the upper watershed of the Chino Basin under pre-1914 rights and pursuant to the 1924 Judgment in City of San Bernardino v. Fontana Water Company et al., San Bernardino Superior Court Case No. 17030.

The purpose of CVWD's protest was to protect against the possible infringement of CVWD's prior and paramount pre-1914 water rights.

Terms of the Stipulation

In order to resolve CVWD's protest, legal counsel for both CVWD and the Watermaster have proposed execution of a stipulation through which Watermaster agrees that Application 31369 seeks to divert only those surface flows that actually reach the points of diversion under the Application. These points of diversion are the various recharge basins in the Chino Basin. The stipulation further specifies that there is no intention that the Application should in any way infringe upon CVWD's prior and paramount right to surface flows in the watershed prior to their arrival at the points of diversion described in the Application.

Recommendation

Legal counsel believes that the terms of the stipulation are in conformance with Watermaster's intention in filing Application 31369. On this basis, counsel recommends that the Pool Committees recommend approval to the Advisory Committee and Board.

The stipulation will be submitted simultaneously for review by CVWD and by the Watermaster parties. If substantive changes are proposed by any party, the stipulation will be brought back to the Pools for consideration before it is presented to the Advisory Committee and Board for approval. When both entities have executed the stipulation, CVWD will withdraw its protest to Application 31369.

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10 Attorneys for Applicant
11 CUCAMONGA VALLEY WATER DISTRICT

12
13 STATE WATER RESOURCES CONTROL BOARD
14 OF THE STATE OF CALIFORNIA

15
16 **In the Matter of**
17 **APPLICATIONS TO APPROPRIATE**
18 **WATER FROM THE SANTA ANA**
19 **RIVER**

JOINT STIPULATION TO CUCAMONGA
VALLEY WATER DISTRICT'S PROTEST
TO APPLICATION NO. 31369

20
21 **Introduction**

22 On November 4, 2002, Cucamonga Valley Water District received notice that Chino
23 Basin Watermaster filed an application for water right permit No. 31369 for diversion of water
24 from Deer Creek, Day Creek, Etiwanda Creek, San Sevaine Creek, Chino Creek, San Antonio
25 Creek and Cucamonga Creek, tributary to Santa Ana River in San Bernardino and Riverside
26 Counties.

1 Cucamonga Valley Water District (“CVWD”) filed a Protest to the Petition on April 1,
2 2003 to protect against the possible infringement of CVWD’s prior and paramount pre-1914
3 water rights. CVWD diverts surface flows from the upper watershed of the Chino Basin under
4 pre-1914 rights and pursuant to the 1924 Judgment in City of San Bernardino v. Fontana Water
5 Company et al., San Bernardino Superior Court Case No. 17030. CVWD and the Chino Basin
6 Watermaster (“Watermaster”) agree to the following stipulation.

7
8 **Stipulation**

9
10 Watermaster and CVWD stipulate that Application No. 31369 explicitly seeks only those
11 surface flows that actually reach the Watermaster’s point of diversion. Watermaster recognizes
12 that CVWD diverts surface flows from the upper watershed of the Chino Basin under pre-1914
13 rights and pursuant to the 1924 Judgment in City of San Bernardino v. Fontana Water Company
14 et al., San Bernardino Superior Court Case No. 17030, and any permit granted pursuant to
15 Application No. 31369 will recognize CVWD’s prior and paramount rights to the surface flows
16 from the upper watershed of the Chino Basin under pre-1914 rights and pursuant to the 1924
17 Judgment in City of San Bernardino v. Fontana Water Company et al., San Bernardino Superior
18 Court Case No. 17030.

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Dated: May __, 2005

HATCH & PARENT, A LAW CORPORATION

By: _____

Michael T. Fife
Attorneys for Applicant
CHINO BASIN WATERMASTER

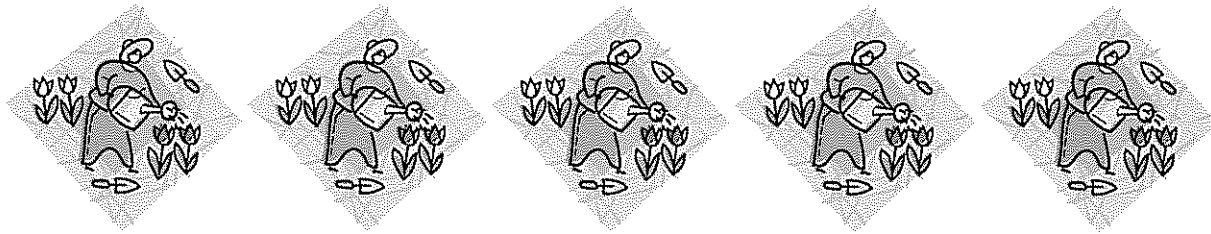
Dated: May __, 2005

BEST BEST & KRIEGER LLP

By: _____

Eric L. Garner
Jill N. Willis
Attorneys for Applicant
CUCAMONGA VALLEY WATER DISTRICT

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CHINO BASIN WATERMASTER

III. REPORTS/UPDATES

B. CEO/STAFF REPORT

6. Chino I and Chino II Desalter Projects
Ground Water Draft Monitoring and
Mitigation Plan Dated April 25, 2005

*Chino I and Chino II Desalter Projects
Ground Water Monitoring and Mitigation Plan*

Prepared for : The Chino Basin Desalter Authority

DRAFT

April 25, 2005

GEOSCIENCE Support Services, Inc.

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**CHINO I AND CHINO II DESALTER PROJECTS
MONITORING AND MITIGATION PLAN**

CONTENTS

1.0 INTRODUCTION 1

 1.1 Location of Project Area..... 1

 1.2 Purpose and Scope..... 2

2.0 MONITORING WELL NETWORK..... 5

3.0 MONITORING AND REPORTING 6

 3.1 Monitoring Frequency 6

 3.2 Reporting Procedures..... 6

4.0 EMERGENCY RESPONSE AND MITIGATION PLAN..... 8

 4.1 Emergency Response..... 9

 4.2 Impact Assessment 10

 4.3 Mitigation Plan 12

5.0 TECHNICAL REVIEW TEAM..... 13

 5.1 Representation 13

 5.2 Responsibilities..... 14

 5.3 Recommendations to the CDA 14

6.0 REFERENCES..... 16

FIGURES, TABLE, APPENDICES

FIGURES

No.	Description
1	General Project Location
2	Chino Desalter Monitoring Well Locations

TABLE

No.	Description
1	Chino Desalter Monitoring Wells

APPENDICES

Ltr.	Description
A	Claim for Damages Form
B	Private Well Inspection Form

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CHINO I AND CHINO II DESALTER PROJECTS GROUND WATER MONITORING AND MITIGATION PLAN

1.0 INTRODUCTION

The Chino Basin Desalter Authority (CDA) currently operates a desalination facility (Chino I) in the southern portion of the Chino Basin, near the Chino Airport (Figure 1). The facility consists of eleven production wells and a reverse osmosis treatment facility that were constructed beginning in 1997 and began operating in summer 2000. Production limitations at the existing facility and additional production requirements associated with implementation of the Optimum Basin Management Program have prompted the expansion of the existing facility with up to four more wells and additional treatment plant capacity. In addition, a second facility (Chino II) with up to eleven wells is planned to the east of the first one. The existing facility and wells (Chino I), the expansion portion of the existing facility (Chino I expansion) and the new facility and wells (Chino II) is referred to collectively in this report as the Chino Desalter.

1.1 Location of Project Area

The Chino Desalter is located within the Chino Basin in the southwestern portion of San Bernardino County and the northwest portion of Riverside County (Figure 1). The Chino Basin is a structural depression located between the San Gabriel Mountains to the north and the Chino and La Sierra Hills to the south. The valley floor, referred to as the Chino Plain (California Department of Water Resources, 1970), slopes gently to the south toward the Santa Ana River. Prominent physiographic features in the vicinity of the Project Area are the Chino Hills to the west-southwest, the Prado Flood Control Basin to the south, the Santa Ana River to the southeast and east, and the Chino Plain to the north.

1.2 Purpose and Scope

Based on the Draft Subsequent Environmental Impact Report (SEIR) and ground water modeling studies that support the SEIR (GEOSCIENCE, 2001), it has been determined that the Chino Desalter has the potential to lower ground water levels in existing wells in the vicinity of the wells (Tom Dodson and Associates, 2001). Although the OBMP projects production from the Chino Desalter wells will replace declining agricultural production in the southerly part of the Chino Basin, and thus sustain approximately the same amount of gross production in this area, the purpose of the monitoring/mitigation program is to address potential localized impacts associated with the location and production patterns of the Chino Desalter wells. This Comprehensive Ground Water Monitoring and Mitigation Plan (CGMMP) has been developed as required by and in accordance with Section 4.3.4 of the SEIR (dated November 2001) and comments and responses to the SEIR (dated January 2002) to enable ground water level measurement and to provide plans to mitigate potential impacts to existing wells.

The objectives of the CGMMP are to:

1. Outline a ground water monitoring network that is adequate to assess potential ground water level declines resulting from the operation of the Chino Desalter wells;
2. Describe a ground water monitoring program that enables the establishment of baseline ground water conditions (prior to Chino Desalter pumping) and institutes an early warning system of potential ground water level impacts during Chino Desalter well operations;
3. Assess and differentiate impacts associated with the operation of the Chino Desalter wells relative to other wells operating in the vicinity, which, along with the Chino Desalter wells, may collectively impact, or contribute to impacting, wells in the vicinity; and
4. Provide a mitigation plan of sufficient detail to ensure that impacts to existing pumps, as a result of ground water level declines from operation of the Chino Desalter wells, are remediated in an expeditious manner.

In support of outlining a ground water monitoring network and describing a ground water monitoring program, the Chino Basin Watermaster (Watermaster) currently monitors ground water levels in 676 wells in the southern portion of the Chino Basin (south of State Highway 60). This system of ground water monitoring wells, which encompass the Chino Desalter Wells, will be described in greater detail in Section 2.0.

Establishment of “baseline” ground water levels for the regional ground water system in advance of project startup is critical. Ground water levels will be monitored from a monitoring well network on a regular basis, prior to project startup, to establish water level trends (baseline hydrograph) resulting from local and regional pumping and seasonal effects. The resulting baseline hydrograph will serve as a “benchmark” against which ground water levels monitored during Chino Desalter operation are compared. Existing well pump settings and efficiency may also be assessed with well owner consent.

Chino Desalter ground water pumping will be adjusted during operation, as necessary, to minimize drawdown in the vicinity of existing wells. Operational (i.e. pumping) adjustments will be made in the context of regional ground water level trends (not individual wells) as collected from the monitoring system consisting of existing wells currently monitored by the Watermaster. This network may be augmented through addition of existing wells or construction of new monitoring wells as deemed necessary. Ground water levels will be monitored on a regular basis. The monitoring network is described in detail in Section 2.0. Monitoring protocol details are outlined in Section 3.0.

Potential impacts to existing pumpers in the vicinity of the Chino Desalter will be addressed through an Emergency Response and Mitigation Plan. This plan outlines a protocol to evaluate reported adverse impacts and delineates criteria for determining responsibility for these impacts. In the event that a well owner reports an impact, the CGMMP includes a protocol to supply emergency water to affected parties, if requested per Section 4.1, in case of the following impacts:

1. Decreased pump production efficiency resulting from ground water level decline,
2. Ground water levels lowered below pump intake;
3. Ground water levels lowered below effective depth of well; and
4. Increased pumping costs due to depressed ground water levels.



2.0 MONITORING WELL NETWORK

The monitoring network proposed for the Chino Desalter consists of wells in the southern Chino Basin (south of Riverside Drive) that are currently included in the Watermaster ground water level monitoring program (Wildermuth, 2004). The Watermaster monitoring program includes approximately 680 wells in the southern portion of the Chino Basin, which is the area that encompasses the Chino Desalter (see Figure 2). Of the 680 wells in the program, approximately 390 are monitored on a regular basis (see Table 1). It is anticipated that Watermaster will continue to monitor ground water levels in these wells prior to and during Chino Desalter operation.

The monitoring network outlined in this plan represents the wells currently monitored by the Watermaster to assess ground water level declines associated with the Chino Desalter. As additional data become available during the course of Chino Desalter well field construction and operation, the number and location of monitoring features may be refined, as necessary, to assess more adequately ground water conditions in the area. All proposed changes to the monitoring network will be submitted, in writing, to a technical review team (TRT) for review and consideration (see Section 5 for details regarding the TRT). If approved by the TRT, the recommended changes to the monitoring network would be submitted to the CBWM and CDA for approval and final implementation.

3.0 MONITORING AND REPORTING

3.1 Monitoring Frequency

The Watermaster monitors ground water levels in each of the wells in the Chino Desalter monitoring well network at prescribed intervals as summarized in Table I. A total of 90 wells are monitored on a monthly basis. An additional 300 wells are monitored semi-annually. The remaining wells in the Watermaster program are monitored infrequently. All of the wells monitored at these intervals are within approximately three miles of the Chino Desalter wells.

All proposed changes to the monitoring frequency will be submitted, in writing, to a TRT for review and consideration as described in Section 5. If approved by the TRT, the recommended changes to the monitoring network would be submitted to the Watermaster and CDA for final approval and implementation.

3.2 Reporting Procedures

Reports summarizing all monitoring data, refinements of the parameters used in the ground water model (if any), revisions to the monitoring well network and monitoring frequency, and any other recommendations of the TRT will be prepared on an annual basis. The Watermaster will be responsible for the preparation of annual reports beginning one year after commencement of project construction.

Each report will contain the following components:

- Baseline ground water level conditions (to be defined in the first report);
- Tables summarizing ground water production for each project extraction well;

- Tables summarizing depth to static water level and ground water elevation measurements for all observation wells;
- Hydrographs of selected observation wells;
- Tables summarizing frequency of monitoring well sampling;
- Ground water elevation contours;
- Summary of project developments, such as changes in extraction operations or construction of new monitoring or production wells;
- Discussion of project extraction operations, and trends in ground water levels as compared to the baseline conditions;
- Updated ground water flow model results, if any; and
- Summary of refinements to the CGMMP.

All annual reports will include electronic data files and model input and output files. The annual reports will be available to agencies, organizations, interest groups, and the general public upon written request of CDA.

4.0 EMERGENCY RESPONSE AND MITIGATION PLAN

As Chino Desalter operations are anticipated to lower ground water levels, an emergency response and mitigation plan has been developed in the event that existing wells are adversely impacted. Potential impacts requiring mitigation could include:

- Decrease in pump efficiency as a result of lowered ground water levels;
- Ground Water levels lowered below pump intake;
- Ground Water levels lowered below effective depth of well; and
- Increased pumping costs due to lowered ground water levels.

Any claims of well impact attributed to the Chino Desalter well operation will be addressed according to the following general approach:

- CDA will provide for an interim supply of water to the impacted party;
- CDA will immediately obtain the information necessary to assess the cause of well/pump problems;
- CDA will review the data and make a determination as to whether the well problem is attributable to Chino Desalter pumping or other factors not associated with Desalter operation.
- If the well/pump problem is determined not to be attributable to Chino Desalter well pumping, CDA would notify the person filing the claim and make arrangements to provide water at the claimant's cost; and
- If the well/pump problem is found by the CDA to be attributable to Chino Desalter pumping, then further mitigation measures would be implemented as described in Section 4.3.

4.1 Emergency Response

Many of the individual well owners in the vicinity of the Chino Desalter have backup plans for an emergency supply of water should their existing water supply system fail. As an additional backup, an emergency response plan has been developed that includes measures for providing temporary water in an emergency that has been attributed to Chino Desalter pumping. The emergency response measures would be immediately implemented until the exact cause of the impact could be determined or, if necessary, mitigation could be implemented. Emergency response measures could include:

- Connections to existing potable, raw water or recycled water supplies in accordance with regulatory and local jurisdictional requirements;
- Use of existing piping/pumping facilities;
- Use of existing well owner back up wells and other miscellaneous facilities available;
- Use of neighboring owners' facilities; and
- Trucking of water to the impacted party in conformance with water quality requirements consistent with intended use of water.

Formal implementation of emergency response measures by the CDA will require a written claim for damages from the impacted party (see Appendix A for Claim for Damages Form). The Claim for Damages Form includes a right of entry authorization and release of liability (this language is currently being added to the Claim Form). Once the claim form has been received, the CDA will immediately arrange an emergency supply of water, if necessary. The claim form will be required to allow the CDA to inspect the well and collect the necessary information to determine the cause of impact during the supply of emergency water. Mitigation water will be discontinued unless inspection access and all available information related to the claim are provided by the well owner within 24 hours of the claim.

4.2 Impact Assessment

After a well impact has been reported to the CDA (and concurrent with the supply of emergency water), the CDA Coordinator will be responsible for the inspection and data collection necessary to assess the cause of the impact. Some basic information must be obtained regarding the well and pumping equipment before an assessment of Desalter Well related impacts and potential mitigation measures can be evaluated (see Appendix B for Private Well Inspection Form). All information collected to assess well impact will be evaluated by CDA and summarized in a brief letter report or technical memorandum for submittal to the Claimant. The report or technical memorandum will include a preliminary determination as to whether the claim is attributable to the Desalter Well operation. It will also summarize future steps, if any, to be taken.

In the event that the claimant wishes to challenge any preliminary determination by the CDA, a copy of the report or technical memorandum will be distributed to the TRT. The TRT will meet and render an opinion regarding the role that Chino Desalter well pumping has on the well/pump-related impact, as described in Section 6. In the event that the TRT determines that the well/pump-related impact is not caused by Chino Desalter well pumping, no mitigation will be recommended. If the TRT determines that the well/pumping-related impact may be a result of Chino Desalter well pumping, the TRT may recommend that the claim be mitigated by the CDA.

If the CDA Board approves the recommendation of the TRT, the CDA will direct CDA staff to carry out the approval measures in an expedited manner.

The following detailed procedures may be utilized to collect the information necessary to assess impacts to private wells:

- Perform an SCE-type pump test to evaluate pumping and static water levels, current well specific capacity, and current pump condition;
- Temporarily pull pump from well;

- Verify the current pumping equipment, including pump and motor type, pump and motor manufacturer, model number and specifications, pump performance curves, and pump set depth;
- Evaluate SCE test results in conjunction with pump manufacturers' performance specifications and if the pump is found to be worn out, then owner will be responsible for pump replacement;
- Measure well diameter and current well depth;
- Conduct a down-hole video log to confirm the condition of the casing and perforated intervals. If the well integrity is questionable due to well age or excessive corrosion, or if the well produces sand due to corrosion holes in the casing, then the owner shall be responsible for well repair or replacement;
- Reinstall the pump. As a preliminary mitigation measure, the pump may be set to a greater depth (if possible, and warranted based on anticipated pumping and static water levels);
- Install a one-inch diameter PVC water-level sounding tube when resetting pump;
- Install a pressure transducer in the sounding tube to obtain ongoing ground water level data from the well. The transducer will provide a continuous record of pumping levels, as well as the approximate static ground water level when the pump is periodically shut off;
- Initiate a monitoring program to collect data regarding the well pumping rate and pressure, cumulative volume pumped, pumping ground water levels, and static ground water levels; and
- A report or technical memorandum summarizing the information collected during the well inspection and testing will be prepared by the CDA or their representative.

4.3 Mitigation Plan

In the event that the CDA or TRT determines that pumping from the Chino Desalter wells has adversely impacted an existing well, CDA will implement a mitigation measure(s) for the existing well to restore the lost production. Mitigation measures that could be adopted to address impacts attributed to the Chino Desalter include the following:

- If pump submergence is inadequate, lower the pump, if possible.
- If well capacity is adequate but pump manufacturer specifications indicate that the current pump is undersized due to additional pumping lift caused by drawdown of the Chino Desalter wells, replace pump with a higher head pump.
- In the event that the well depth limits the ability to mitigate drawdown caused by operation of the Chino Desalter wells, drill a replacement well or provide an alternate source of water.

5.0 TECHNICAL REVIEW TEAM

A Technical Review Team (TRT) will be formed as part of the CGMMP to periodically review data and technical reports resulting from claims of well impact due to operations of the Chino Desalter wells. The TRT will consist of technical experts assigned by the stakeholders (as defined in Section 5.1 below) in the vicinity of the Chino Desalter. The TRT would review data and technical analyses collected by CDA or their representative and provide technical comments and recommendations to the CDA regarding potential mitigation measures.

5.1 Representation

The TRT shall consist of up to two technical experts from each of the following:

- CDA,
- Appropriative Pool,
- Agricultural Pool, and
- Milk Producers Council.

Additionally, the CDA may consult with other public agencies deemed to have relevant expertise or interest such as the California State Department of Water Resources, the Chino Men's and Women's Institutes (State of California), the California Department of Toxic Substances Control, the Orange County Water District and/or the California Regional Water Quality Control Board – Santa Ana Region (RWQCB), as necessary. The CDA may also invite guests to participate in meetings of the TRT to present, explain, or clarify the data and analyses collected in accordance with the CGMMP.

5.2 Responsibilities

The CDA will convene timely meeting(s) of the TRT to review monitoring data, information related to claims, and evaluate changes to the CGMMP. After the startup of Chino I expansion and Chino II Desalter wells, the TRT will meet at the request of the CDA or as necessary (minimum of one time per year) to:

- Review and analyze monitoring data and updated model results collected during project operations;
- Review data and information collected to assess adverse impacts to preexisting wells in the vicinity of the Chino Desalter;
- Provide recommendations to the CDA regarding submitted claims of adverse impacts to preexisting wells as a result of Chino Desalter operations; and
- Review proposed refinements to the CGMMP.

5.3 Recommendations to the CDA

TRT recommendations to the CDA could include (but not necessarily be limited to):

- Changes to the number or location of monitoring wells;
- Changes in monitoring frequency;
- Changes in monitoring technology;
- Refinement of action criteria for evaluating potential adverse impacts to preexisting wells;
- Refinement of models;

- Other modifications to the CGMMP; and
- Mitigation measures for impacted well owners.

6.0 REFERENCES

Chino Basin Watermaster, 2003. *Optimum Basin Management Program, Management Zone 1 (MZ-1) Interim Monitoring Program, Draft Work Plan*, January 8, 2003.

California Department of Water Resources, 1970. *Meeting Water Demands in the Chino-Riverside Area*, Bulletin No. 104-3. September 1970.

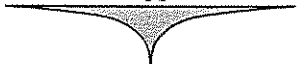
GEOSCIENCE Support Services, Inc., 2001. *Geohydrologic Analysis and Ground Water Flow Model of Proposed Chino Desalter System Projects Area*. August 31, 2001. Prepared for Santa Ana Watershed Project Authority/RBF Consulting.

Tom Dodson and Associates, 2001. *Volume 1, Draft Subsequent Environmental Impact Report. Chino I Desalter Expansion and Chino II Desalter Project*. November 2001. Prepared for the Chino Basin Desalter Authority.

Wildermuth Environmental, 2004. *Optimum Basin Management Program, Hydraulic Control Monitoring Program, Final Work Plan*. Prepared for Chino Basin Watermaster and Inland Empire Utilities Agency. May 2004.

FIGURES

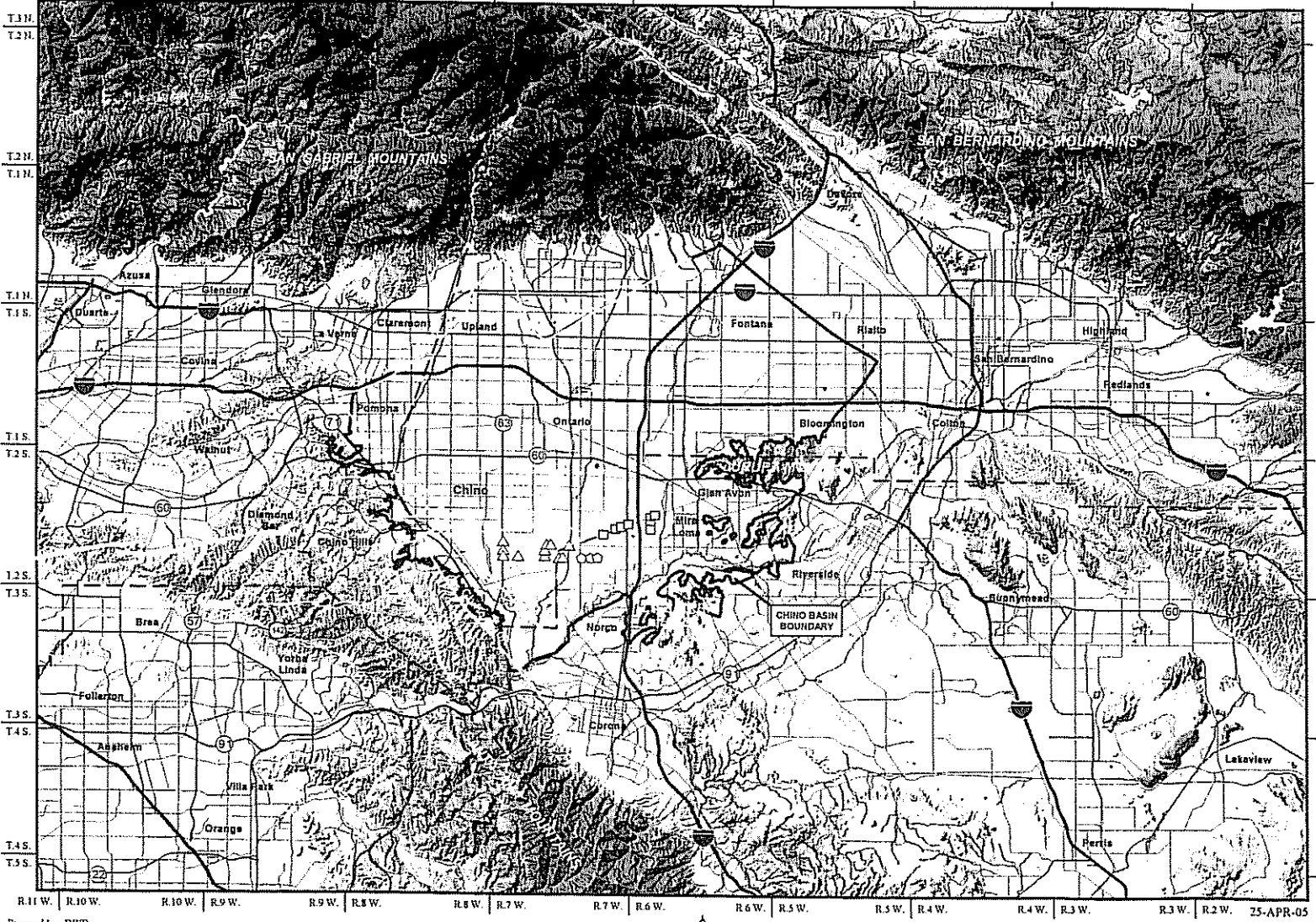
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CHINO BASIN DESALTER AUTHORITY

CHINO I AND CHINO II DESALTER PROJECTS -
GROUND WATER MONITORING AND MITIGATION PLAN



GENERAL PROJECT LOCATION

EXPLANATION

- △ Chino I Production Wells
- Chino I Expansion Wells
- Chino II Production Wells
- ▭ Chino Basin Boundary
- Faults Within the Chino Basin (Chino Basin Watermaster, 1999)
- County Boundary
- Road Classifications
 - Freeway
 - State Highway
 - Street
 - Body of Water
 - Creek or River

DRAFT

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Figure 1

Prepared by: DWB
Map Projection:
UTM Zone 11, NAD27
Central Meridian: -117 degrees

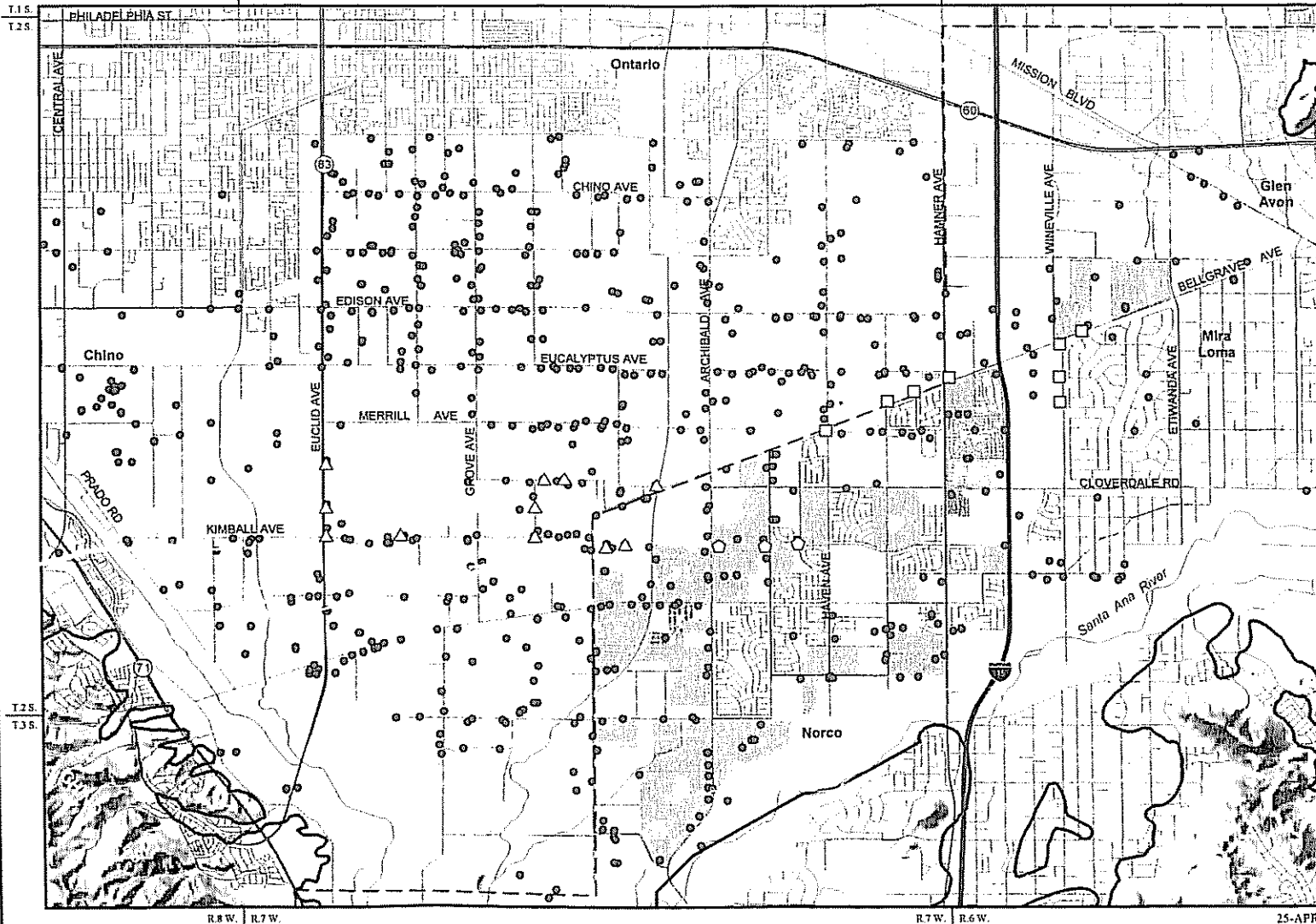


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CHINO BASIN DESALTER AUTHORITY

CHINO I AND CHINO II DESALTER PROJECTS -
GROUND WATER MONITORING AND MITIGATION PLAN



CHINO DESALTER
MONITORING WELLS

EXPLANATION

- Chino Desalter Monitoring Wells
- △ Chino I Production Wells
- ⬡ Chino I Expansion Wells
- Chino II Production Wells
- ▭ Chino Basin Boundary
- - - County Boundary
- Road Classifications**
- Freeway
- State Highway
- Street
- Body of Water
- Creek or River

DRAFT

GEOSCIENCE

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E-mail: esm@geoscience-water.com

Figure 2

Prepared by: DWB
Map Projection:
UTM Zone 11, NAD27
Central Meridian: -117 degrees

Source of Monitoring Well Data:
Wilderth Environmental, Inc. (2005)

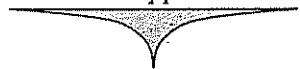


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TABLE

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Chino Desalter Monitoring Wells

WATERMASTER IDENTIFICATION NUMBER	OWNER	WELL NAME	MONITORING FREQUENCY	WELL STATUS
300048	JURUPA COMMUNITY SERVICES DISTRICT	71820-DOM	UNABLE TO OBTAIN WL	ACTIVE
300202	JURUPA COMMUNITY SERVICES DISTRICT	15	OWNER	ACTIVE
300204	JURUPA COMMUNITY SERVICES DISTRICT	14	OWNER	ACTIVE
300205	JURUPA COMMUNITY SERVICES DISTRICT	16	OWNER	ACTIVE
300190	JURUPA COMMUNITY SERVICES DISTRICT	12	OWNER	INACTIVE
300188	JURUPA COMMUNITY SERVICES DISTRICT	11	OWNER	ACTIVE
3301895	JURUPA COMMUNITY SERVICES DISTRICT	8 (Russell Well)	OWNER	ACTIVE
300180	JURUPA COMMUNITY SERVICES DISTRICT	#10, Bellgrave	OWNER	OBSERVATION
3300973	SANTA ANA RIVER WATER COMPANY	3	MONTHLY	ACTIVE
3302078	SANTA ANA RIVER WATER COMPANY	3A	TRANSDUCER	ACTIVE
3302088	TROOST, FRED & ANNIE NO 2 INC	IRRIG WELL 1	UNABLE TO OBTAIN WL	INACTIVE
300211	VERNOLA, PAT	DOMESTIC	MONTHLY	ACTIVE
300172	NORCO, CITY OF	9	MONTHLY	ACTIVE
300173	NORCO, CITY OF	10	MONTHLY	ACTIVE
300199	NORCO, CITY OF	11	MONTHLY	ACTIVE
300186	JURUPA COMMUNITY SERVICES DISTRICT	Sky Country #3	OWNER	OBSERVATION
300179	JURUPA COMMUNITY SERVICES DISTRICT	Sky Country #1	OWNER	ACTIVE
3301715	SANTA ANA RIVER WATER COMPANY	7	TRANSDUCER	ACTIVE
0	JURUPA COMMUNITY SERVICES DISTRICT	SEWER PLANT 1	OWNER	MONITORING
3301945	SANTA ANA RIVER WATER COMPANY	1A	TRANSDUCER	ACTIVE
3600811	SUNSHINE DAIRY	5080	UNABLE TO OBTAIN WL	ACTIVE
3601400	SHADY GROVE DAIRY FARM	DAIRY-800C	SEMI-ANNUAL	ACTIVE
600418	HARINGA, WILLIAM	IRRIGATION-25P	UNABLE TO OBTAIN WL	ACTIVE
600176	HARINGA, WILLIAM	DIRY-640C	SEMI-ANNUAL	ACTIVE
3600544	HOGG BROTHERS	HOG	SEMI-ANNUAL	ACTIVE
600230	BASQUE AMERICAN DAIRY	5160	SEMI-ANNUAL	ACTIVE
600400	NORTHVIEW DAIRY	IRR-GAS-BU4DAIRY	UNABLE TO OBTAIN WL	ACTIVE
3602556	Falloncrest Farms	ELEC-DAIRY-DOM	MONTHLY	ACTIVE
600397	VANDER DUSSEN, SYBRAND	600C	MONTHLY	ACTIVE
600282	JONGSMA, JOHN	42440	SEMI-ANNUAL	ACTIVE
3601111	KOOPMAN, GENE	44920-DOM	UNABLE TO OBTAIN WL	ACTIVE

Table 1

Chino Basin Desalter Authority
 Chino I and Chino II Desalter Projects
 Ground Water Monitoring and Mitigation Plan

DRAFT

WATERMASTER IDENTIFICATION NUMBER	OWNER	WELL NAME	MONITORING FREQUENCY	WELL STATUS
600245	DE VRIES, JANE	23000-DOM	SEMI-ANNUAL	ACTIVE
600179	BORBA, JOHN	9200-DOM	MONTHLY	ACTIVE
3600162	PARENTE, MARY	6	SEMI-ANNUAL	ACTIVE
3601127	WIERSMA, PETE	PET	UNABLE TO OBTAIN WL	ACTIVE
600192	FERREIRA, JOE	28080-DOM	UNABLE TO OBTAIN WL	ACTIVE
600437	STATE OF CALIFORNIA, CIM	5	SEMI-ANNUAL	ACTIVE
3601960	STATE OF CALIFORNIA, CIM	6	TRANSDUCER	INACTIVE
3602332	CALIFORNIA YOUTH AUTHORITY	73000-1	MONTHLY	ACTIVE
3602691	STATE OF CALIFORNIA, CIM	13	SEMI-ANNUAL	ACTIVE
3600423	BORBA, GEORGE	9080-DOM	SEMI-ANNUAL	ACTIVE
3600460	SOUTHERN CALIFORNIA AGRICULTURAL LAND FND.	77760-IRR	SEMI-ANNUAL	ACTIVE
600429	HARINGA, RUDY	DAIRY-400C	SEMI-ANNUAL	ACTIVE
600122	BOUMA DAIRY	11120-DOM	SEMI-ANNUAL	ACTIVE
3602565	BORBA, JOSEPH		SEMI-ANNUAL	ACTIVE
3600427	BORBA, JOSEPH	9280-DAIRY#2	SEMI-ANNUAL	ACTIVE
3602588	SOUTHERN CALIFORNIA AGRICULTURAL LAND FND.	91920-DRY	MONTHLY	ACTIVE
3600225	ALEWYN, JAKE	1240-BACKUP CORRAL	SEMI-ANNUAL	ACTIVE
3600504	BORBA, JOSEPH		UNABLE TO OBTAIN WL	ACTIVE
600065	SCHONEVELD, JOHN	IRR	SEMI-ANNUAL	INACTIVE
600064	SCHONEVELD, JOHN	DAIRY-1000C	SEMI-ANNUAL	ACTIVE
3600079	SWAGER PROPERTIES	DOM	SEMI-ANNUAL	ACTIVE
3301443	LEAL RANCHES	1	MONTHLY	ACTIVE
3300749	LEAL RANCHES	2	UNABLE TO OBTAIN WL	ACTIVE
300037	BORGES, MANUAL	9900-DOM	SEMI-ANNUAL	ACTIVE
3301637	DYT, ANDY		UNABLE TO OBTAIN WL	ACTIVE
3301981	VANDER STELT DAIRY	V & Y DAIRY	MONTHLY	ACTIVE
300057	VANDER MEER, DICK	85760	MONTHLY	ACTIVE
300196	QUEST DAIRY	47320-NEW	MONTHLY	ACTIVE
3301477	QUEST DAIRY		UNABLE TO OBTAIN WL	ACTIVE
3300284	VERMEER & GOEDHART DAIRY	WEST 2	MONTHLY	ACTIVE
3601954	COUNTY OF SAN BERNARDINO		UNABLE TO OBTAIN WL	ACTIVE
600399	LEGACY RANCH INC		MONTHLY	ACTIVE
600393	VISSER, HENRY	88720-IRR	SEMI-ANNUAL	ACTIVE

Table 1

WATERMASTER IDENTIFICATION NUMBER	OWNER	WELL NAME	MONITORING FREQUENCY	WELL STATUS
600171	GREYDANUS, GERRITT	11120-DOM	UNABLE TO OBTAIN WL	ACTIVE
600172	GREYDANUS, GERRITT	11120-IRR	MONTHLY	INACTIVE
3600366	STUEVE BROTHERS FARMS	Nat'l gas backup	UNABLE TO OBTAIN WL	INACTIVE
3600369	STUEVE BROTHERS FARMS	IRR #1	UNABLE TO OBTAIN WL	INACTIVE
600525	STUEVE BROTHERS FARMS	BARN #1	SEMI-ANNUAL	ACTIVE
3302051	VERMEER & GOEDHART DAIRY	NO 4	UNABLE TO OBTAIN WL	ACTIVE
300065	CADLNI, DONALD	15180-DOM	UNABLE TO OBTAIN WL	ACTIVE
3300294	MICHEL, LOUISE	5	UNABLE TO OBTAIN WL	ACTIVE
300230	HARRINGTON EQUIPMENT & RENTAL		UNABLE TO OBTAIN WL	ACTIVE
3302115	NORCO, CITY OF	6	OWNER	ACTIVE
3601819	MONTE VISTA WATER DISTRICT	23	OWNER	ACTIVE
3602105	CHINO, CITY OF	6	TRANSDUCER	ACTIVE
3601618	CHINO, CITY OF	4	TRANSDUCER	ACTIVE
600499	CHINO HILLS, CITY OF	17	TRANSDUCER	ACTIVE
600478	CHINO, CITY OF	13	OWNER	ACTIVE
3600342	STATE OF CALIFORNIA, CIM	4	TRANSDUCER	ACTIVE
3600341	STATE OF CALIFORNIA, CIM	12	UNABLE TO OBTAIN WL	ACTIVE
3600461	CHINO, CITY OF	7	TRANSDUCER	OBSERVATION
3600340	STATE OF CALIFORNIA, CIM	3	MONTHLY	ACTIVE
3601916	CHINO HILLS, CITY OF	7A	OWNER	ACTIVE
3601917	CHINO HILLS, CITY OF	7B	OWNER	ACTIVE
600687	CHINO HILLS, CITY OF	7C	TRANSDUCER	OBSERVATION
600498	CHINO HILLS, CITY OF	7D	OWNER	ACTIVE
3601824	BOYS REPUBLIC	11480-2	UNABLE TO OBTAIN WL	ACTIVE
3601922	CHINO HILLS, CITY OF	13	OWNER	ACTIVE
600487	CHINO HILLS, CITY OF	1B	TRANSDUCER	ACTIVE
3601911	CHINO HILLS, CITY OF	1A	TRANSDUCER	ACTIVE
3602461	STATE OF CALIFORNIA, CIM	11A	MONTHLY	ACTIVE
3600345	STATE OF CALIFORNIA, CIM	10	UNABLE TO OBTAIN WL	ACTIVE
3600348	STATE OF CALIFORNIA, CIM	7	UNABLE TO OBTAIN WL	ACTIVE
3601827	STATE OF CALIFORNIA, CIM	1A	TRANSDUCER	ACTIVE
3600346	STATE OF CALIFORNIA, CIM	9	UNABLE TO OBTAIN WL	ACTIVE
300088	JN KONING ESTATE	95009-69	UNABLE TO OBTAIN WL	ACTIVE

Table 1

Chino Basin Desalter Authority
Chino I and Chino II Desalter Projects
Ground Water Monitoring and Mitigation Plan

DRAFT

WATERMASTER IDENTIFICATION NUMBER	OWNER	WELL NAME	MONITORING FREQUENCY	WELL STATUS
3301200	OSTERKAMP, ANTHONY		UNABLE TO OBTAIN WL	ACTIVE
600398	VANDER LAAN, BEN	85360-DOM	SEMI-ANNUAL	ACTIVE
600310	MCCUNE & ASSOCIATES	28880-H 4	UNABLE TO OBTAIN WL	ACTIVE
300052	GOOSE CREEK GOLF CLUB	19060-2	SEMI-ANNUAL	ACTIVE
3600429	BORBA, JOHN	9200-IRR	SEMI-ANNUAL	ACTIVE
3301899	RICO, MARGARITO	NO 1	SEMI-ANNUAL	ACTIVE
3600142	VAN LEEUWEN, JOHN	DAIRY-500C	SEMI-ANNUAL	ACTIVE
600335	VANDER DUSSEN, SYBRAND	84880-IRR	UNABLE TO OBTAIN WL	INACTIVE
300114	JURUPA COMMUNITY SERVICES DISTRICT	ET1	UNABLE TO OBTAIN WL	ACTIVE
3300146	C&R VANDERHAM DAIRY	1	UNABLE TO OBTAIN WL	ACTIVE
3302089	TROOST, FRED & ANNIE NO 2 INC	NO 3	UNABLE TO OBTAIN WL	ACTIVE
300118	HOEKSTRA BROS DBA HILLCREST DAIRY	DOM	MONTHLY	ACTIVE
300178	Industrial Development International	95054-DAIRY	MONTHLY	ACTIVE
3300493	BARBA, ANTHONY	1	UNABLE TO OBTAIN WL	INACTIVE
300174	MOCHO-PLAA DAIRY INC	IRR	UNABLE TO OBTAIN WL	ACTIVE
3300494	MIRA LOMA THOROUGHbred FARM	2	UNABLE TO OBTAIN WL	ACTIVE
300165	MIRA LOMA THOROUGHbred FARM	DOM-EAST	UNABLE TO OBTAIN WL	ACTIVE
3301209	MIRA LOMA THOROUGHbred FARM		UNABLE TO OBTAIN WL	ACTIVE
300072	HETTINGA, WILBUR	DOM	MONTHLY	ACTIVE
300071	HETTINGA, WILBUR	IRR	MONTHLY	ACTIVE
300028	GORZEMAN, ELSIE	1-DAIRY	UNABLE TO OBTAIN WL	ACTIVE
3300832	VERNOLA, PAT	MLR 1	UNABLE TO OBTAIN WL	ACTIVE
3300834	VERNOLA, PAT	MLR 3	UNABLE TO OBTAIN WL	ACTIVE
3300833	VERNOLA, PAT	MLR2	UNABLE TO OBTAIN WL	ACTIVE
3300381	MOB COMM MGMT-SWAN LK MOBILE HM PRK	2	UNABLE TO OBTAIN WL	INACTIVE
300197	Mobile Community Management Company	4	MONTHLY	INACTIVE
300201	Mobile Community Management Company	5	UNABLE TO OBTAIN WL	INACTIVE
300203	SWAN LAKE MOBILE HOME PARK	2A	MONTHLY	INACTIVE
300185	JURUPA COMMUNITY SERVICES DISTRICT	Sky Country #2	OWNER	OBSERVATION
300008	MOYNIER, JEAN	7520-DOM	UNABLE TO OBTAIN WL	ACTIVE
300103	TERMAATEN, CASE	95058-3	UNABLE TO OBTAIN WL	INACTIVE
300041	TERMAATEN, CASE	95958-1	MONTHLY	INACTIVE
300102	TERMAATEN, CASE	95058-2	UNABLE TO OBTAIN WL	ACTIVE

Table 1

WATERMASTER IDENTIFICATION NUMBER	OWNER	WELL NAME	MONITORING FREQUENCY	WELL STATUS
300189	VERNOLA, PAT	#5IRR/STRIPBYFWY/BOS	UNABLE TO OBTAIN WL	ACTIVE
300150	WESTERN SKY DAIRY	IRR	UNABLE TO OBTAIN WL	ACTIVE
300149	WESTERN SKY DAIRY	DOM	MONTHLY	ACTIVE
300218	KASBERGEN DAIRY		MONTHLY	ACTIVE
300217	KASBERGEN DAIRY		MONTHLY	ACTIVE
3301506	VANDEN BERGE, GERTIE		SEMI-ANNUAL	ACTIVE
3301505	VANDEN BERGE, GERTIE		SEMI-ANNUAL	ACTIVE
300042	TERMAATEN, CASE	5-DAIRY	UNABLE TO OBTAIN WL	ACTIVE
300105	TERMAATEN, CASE	BACKUP ONLY	UNABLE TO OBTAIN WL	ACTIVE
300104	TERMAATEN, CASE	4-IRRIGATION	UNABLE TO OBTAIN WL	ACTIVE
3301356	POLOPOLUS STEVE	HILL	UNABLE TO OBTAIN WL	ACTIVE
600573	Ag Pool Misc	DAIRY-DOM	SEMI-ANNUAL	ACTIVE
300182	OOSTEN FAMILY TRUST	DOM	UNABLE TO OBTAIN WL	ACTIVE
3602491	BORBA, JOSEPH	9280-B&B DAIRY	SEMI-ANNUAL	ACTIVE
600187	SBFCD	11960-BEC	SEMI-ANNUAL	ACTIVE
600107	GOMEZ, MIGUEL	49360	SEMI-ANNUAL	ACTIVE
600387	Dutro, Frank	93760	SEMI-ANNUAL	ACTIVE
600438	SUNSHINE DAIRY	5080-2	UNABLE TO OBTAIN WL	ACTIVE
3602604	VANDER SCHAAF, JOHN	IRR	UNABLE TO OBTAIN WL	ACTIVE
3602605	WALTON, DR FRANK		SEMI-ANNUAL	ACTIVE
600519	VANDER SCHAAF, DAVE	DAIRY	SEMI-ANNUAL	ACTIVE
600252	JONGSMA DAIRY	DD	MONTHLY	ACTIVE
600253	JONGSMA DAIRY	DI	UNABLE TO OBTAIN WL	INACTIVE
600185	SBFCD	DAIRY	SEMI-ANNUAL	INACTIVE
3601212	SHELBY, JOHN	400' E OF BON VIEW	UNABLE TO OBTAIN WL	ACTIVE
600528	SHELBY, JOHN	DAIRY	SEMI-ANNUAL	ACTIVE
600327	Manalisco Growers	93400	SEMI-ANNUAL	ACTIVE
3600446	MACLIN MARKETS, INC.,	46820	UNABLE TO OBTAIN WL	ACTIVE
3602043	BIDART, BEN	7280-BID	UNABLE TO OBTAIN WL	ACTIVE
3600900	ATTN JAN SMITH	IRR	UNABLE TO OBTAIN WL	ACTIVE
3602535	DUITS, JOHN	25520	SEMI-ANNUAL	ACTIVE
600228	WIERSMA, OTTO	92040-1	UNABLE TO OBTAIN WL	ACTIVE
3602590	HOHBERG NURSERY		SEMI-ANNUAL	ACTIVE

Table 1

Chino Basin Desalter Authority
 Chino I and Chino II Desalter Projects
 Ground Water Monitoring and Mitigation Plan

DRAFT

WATERMASTER IDENTIFICATION NUMBER	OWNER	WELL NAME	MONITORING FREQUENCY	WELL STATUS
600188	R & V DAIRY		UNABLE TO OBTAIN WL	ACTIVE
600217	BRIANO BROTHERS	85520-DOM	SEMI-ANNUAL	ACTIVE
600263	PIERCE FAMILY, INC.	17000	SEMI-ANNUAL	ACTIVE
3601399	SHADY GROVE DAIRY FARM	IRRIGATION-25CORN	SEMI-ANNUAL	ACTIVE
600106	MOORE, JOHN		UNABLE TO OBTAIN WL	ACTIVE
600194	BRIANO BROTHERS		UNABLE TO OBTAIN WL	ACTIVE
600183	J.B.'S CALVES	95016-DOM	SEMI-ANNUAL	ACTIVE
600531	RODRIGUEZ, TONY	HOUSE	SEMI-ANNUAL	ACTIVE
600446	VAN FOEKEN, WILLIAM	82560-DOM	UNABLE TO OBTAIN WL	ACTIVE
600208	VEENENDAAL DAIRY	87360-DOM	SEMI-ANNUAL	ACTIVE
600402	None		SEMI-ANNUAL	ACTIVE
600104	WEAVER, LEON	25880-DOM	SEMI-ANNUAL	ACTIVE
600105	STILES, STEVE	74955-IRR	UNABLE TO OBTAIN WL	ACTIVE
600555	HOGG BROTHERS	DAIRY	SEMI-ANNUAL	ACTIVE
3600975	KNUDSEN BROTHERS	43840-CWW	SEMI-ANNUAL	ACTIVE
600209	HOGG BROTHERS	IRR-SCH/VYD	UNABLE TO OBTAIN WL	ACTIVE
3600974	KNUDSEN BROTHERS		UNABLE TO OBTAIN WL	ACTIVE
600055	Ahmed, Ike	DOM	UNABLE TO OBTAIN WL	ACTIVE
600201	HOGG BROTHERS	38060-DI	SEMI-ANNUAL	ACTIVE
600272	BEKENDAM, HANK	6200-	SEMI-ANNUAL	ACTIVE
600042	MONTES, ELIZABETH		SEMI-ANNUAL	ACTIVE
3602077	KRUCKENBERG, PERRY	45760	UNABLE TO OBTAIN WL	ACTIVE
600444	BACHOC, RAYMOND	3800-DOM	SEMI-ANNUAL	ACTIVE
600461	HEIM, ELSIE	DWN	UNABLE TO OBTAIN WL	ACTIVE
600067	BASQUE AMERICAN DAIRY	5160-BACKUP	SEMI-ANNUAL	INACTIVE
600447	BASQUE AMERICAN DAIRY	5160-USE	SEMI-ANNUAL	ACTIVE
600102	DE GROOT, JAKE	21440-DOM	SEMI-ANNUAL	ACTIVE
600082	ALGER CATTLE COMPANY	1320	UNABLE TO OBTAIN WL	ACTIVE
600507	BARTH FARMS	5090	SEMI-ANNUAL	INACTIVE
600184	SCHAAP, ANDY		SEMI-ANNUAL	INACTIVE
600114	SANCHEZ, EDMUNDO	67040	UNABLE TO OBTAIN WL	ACTIVE
600203	LEGEND DAIRY FARMS #2	DRY	SEMI-ANNUAL	ACTIVE
600508	BOSCH, PETER	10280-DOM	SEMI-ANNUAL	ACTIVE

Table 1

WATERMASTER IDENTIFICATION NUMBER	OWNER	WELL NAME	MONITORING FREQUENCY	WELL STATUS
600160	KOOPMAN, TENA	DAIRY/DOM	SEMI-ANNUAL	ACTIVE
3600127	B. VANDER DUSSEN FAMILY TRUST	DII	UNABLE TO OBTAIN WL	ACTIVE
600002	B. VANDER DUSSEN FAMILY TRUST	DI	SEMI-ANNUAL	ACTIVE
600204	VAN RYN DAIRY	IRR	SEMI-ANNUAL	ACTIVE
3601206	JOHNSON BROTHERS INC	41540	MONTHLY	ACTIVE
600451	WEST STAR DAIRY II	71840-IRR	SEMI-ANNUAL	ACTIVE
600117	BOSCHMA & SON DAIRY	DOM	SEMI-ANNUAL	ACTIVE
600309	VAN DYK, BART	DAIRY-550C/IRR-10P	SEMI-ANNUAL	ACTIVE
600420	NORTHVIEW DAIRY	GAS/IRR/140 AC	UNABLE TO OBTAIN WL	ACTIVE
600480	SUNSHINE GROWERS NURSERY		SEMI-ANNUAL	ACTIVE
600419	NORTHVIEW DAIRY	1500C	SEMI-ANNUAL	ACTIVE
600070	KOOLHAAS, KEN	44760-DOM	UNABLE TO OBTAIN WL	ACTIVE
600076	VANDER EYK, JR., CASE	85080-H-B	SEMI-ANNUAL	ACTIVE
600075	VANDER EYK, JR., CASE	85080-H-F	SEMI-ANNUAL	ACTIVE
3602594	VISSER FAMILY	DAIRY-1300COWS	SEMI-ANNUAL	ACTIVE
3602212	S C E CO	MIL-DOM ONLY	UNABLE TO OBTAIN WL	ACTIVE
600472	LEGEND DAIRY FARMS #2	2 RENTAL HOMES	MONTHLY	ACTIVE
3602071	STANDARD FEEDING CO.	69120-WEST	SEMI-ANNUAL	ACTIVE
3601320	Falloncrest Farms	NATGAS-10 IN DISCGE	UNABLE TO OBTAIN WL	ACTIVE
600324	ATTN JAN SMITH	NATGAS-8 IN DISCHARG	UNABLE TO OBTAIN WL	ACTIVE
600268	Ag Pool Misc	DY1-40P	SEMI-ANNUAL	INACTIVE
3602608	DOUMA BROTHERS		MONTHLY	ACTIVE
600260	FORECAST HOMES	91240-DOM	UNABLE TO OBTAIN WL	INACTIVE
3602547	FRANK J FERREIRA DAIRY		SEMI-ANNUAL	ACTIVE
3602533	VANDER EYK, ROBERT	85170-DOM	SEMI-ANNUAL	ACTIVE
600040	DYKSTRA, DICK	25880-1	SEMI-ANNUAL	ACTIVE
3600745	KAPLAN, LAWRENCE		SEMI-ANNUAL	ACTIVE
600153	DE GROOT, JAKE	21440-DOM	UNABLE TO OBTAIN WL	ACTIVE
600054	MORRIS, JIM		SEMI-ANNUAL	ACTIVE
600089	BOSMA, GERRIT	10520-IRR	UNABLE TO OBTAIN WL	ACTIVE
600024	MARTINS DAIRY	DOM	SEMI-ANNUAL	ACTIVE
600078	SLEGERS, JANET	95046-DOM	SEMI-ANNUAL	ACTIVE
600550	SLEGERS, JANET	IRRIGATION	SEMI-ANNUAL	ACTIVE

Table 1

Chino Basin Desalter Authority
Chino I and Chino II Desalter Projects
Ground Water Monitoring and Mitigation Plan

DRAFT

WATERMASTER IDENTIFICATION NUMBER	OWNER	WELL NAME	MONITORING FREQUENCY	WELL STATUS
600130	DE JONG, JACK	44920-DOM	SEMI-ANNUAL	ACTIVE
600131	DE JONG, JACK	IRR-DEJONG	SEMI-ANNUAL	ACTIVE
600579	SCHONEVELD, SR., JOHN	DAIRY/DOM	SEMI-ANNUAL	ACTIVE
600225	DE GROOT, JAKE	21440	UNABLE TO OBTAIN WL	ACTIVE
600136	HENRY DE HAAN DAIRY	21560-1D	SEMI-ANNUAL	ACTIVE
600532	G H DAIRY		SEMI-ANNUAL	ACTIVE
600370	G H DAIRY	2200-E30	SEMI-ANNUAL	ACTIVE
600004	HARADA, JAMES	95023-DOM	SEMI-ANNUAL	ACTIVE
600099	KOOPMAN, GENE	44920-KOP	UNABLE TO OBTAIN WL	INACTIVE
600006	SCHONEVELD, SR., JOHN	68640-1	UNABLE TO OBTAIN WL	ACTIVE
3600595	SUNKIST GROWERS, INC.	6	UNABLE TO OBTAIN WL	ACTIVE
3600597	SUNKIST GROWERS, INC.	9	SEMI-ANNUAL	ACTIVE
3600593	SUNKIST GROWERS, INC.	5	UNABLE TO OBTAIN WL	ACTIVE
600165	LAM, KELLY	DOM-1500CALVES	SEMI-ANNUAL	ACTIVE
600103	BANGMA DAIRY	4320-DOM	SEMI-ANNUAL	ACTIVE
600358	HOFSTRA, DICK	DOM	UNABLE TO OBTAIN WL	ACTIVE
600521	KOETSIER & SON DAIRY	DAIRY	UNABLE TO OBTAIN WL	ACTIVE
600359	DE VRIES, JANE	23000-IRR	UNABLE TO OBTAIN WL	INACTIVE
600003	BOSMA, JACOB	DAIRY-260C	UNABLE TO OBTAIN WL	ACTIVE
600151	GORZEMAN, ELSIE	DAIRY	SEMI-ANNUAL	ACTIVE
600459	COELHO DAIRY	1-DAIRY -1000 COWS	SEMI-ANNUAL	ACTIVE
600460	COELHO DAIRY	2-IRR-40AC PASTURE	SEMI-ANNUAL	ACTIVE
3600432	STRUIKMANS, HENRY	DAIRY-560C	SEMI-ANNUAL	ACTIVE
600027	DE HOOG, MARTIN	21680-DOM	SEMI-ANNUAL	ACTIVE
600026	MICHAEL DE HOOG DAIRY	21760-DOM	SEMI-ANNUAL	ACTIVE
600025	MICHAEL DE HOOG DAIRY	21760-IRR	SEMI-ANNUAL	ACTIVE
3600858	SWAGER, JOHANNA	95059-BARN	SEMI-ANNUAL	ACTIVE
600033	ALEWYN DAIRY	1200-	SEMI-ANNUAL	ACTIVE
3602540	ALEWYN, JAKE		UNABLE TO OBTAIN WL	ACTIVE
600481	MIERSMA, HARRY	53560-DD1	SEMI-ANNUAL	ACTIVE
600129	STRUIKMANS, HENRY	DAIRY-550C	SEMI-ANNUAL	ACTIVE
600019	SWAGER, JOHANNA	95059-HOUSE	SEMI-ANNUAL	ACTIVE
600439	DE GROOT, DICK	IRRIGATION	SEMI-ANNUAL	ACTIVE

Table 1

WATERMASTER IDENTIFICATION NUMBER	OWNER	WELL NAME	MONITORING FREQUENCY	WELL STATUS
600029	VOORTMAN, GERTRUDE	89240	SEMI-ANNUAL	ACTIVE
3600821	DE GROOT, DICK	DAIRY	SEMI-ANNUAL	ACTIVE
300216	Ag Pool Misc	IRR	UNABLE TO OBTAIN WL	ACTIVE
3602603	SOUTHERN CALIFORNIA AGRICULTURAL LAND FND.	DOM	SEMI-ANNUAL	ACTIVE
600345	NEDEREND, HANS	DOM	SEMI-ANNUAL	ACTIVE
600255	WIERSMA, PETE	DOM	SEMI-ANNUAL	ACTIVE
600036	WORTHINGTON, TOM	47600-1	SEMI-ANNUAL	ACTIVE
600094	C/O ROSE THOMMEN	79000-DOM	SEMI-ANNUAL	ACTIVE
3601113	STELLINGWERF FAMILY TRUST	74520	SEMI-ANNUAL	INACTIVE
600013	STELLINGWERF FAMILY TRUST	74520	SEMI-ANNUAL	ACTIVE
600037	WORTHINGTON, TOM	47600-2	SEMI-ANNUAL	ACTIVE
300215	Ag Pool Misc	DOM	UNABLE TO OBTAIN WL	ACTIVE
3602489	SOUTHERN CALIFORNIA AGRICULTURAL LAND FND.	95060-IRR	SEMI-ANNUAL	ACTIVE
600223	SOUTHERN CALIFORNIA AGRICULTURAL LAND FND.	DAIRY	SEMI-ANNUAL	ACTIVE
600044	DEL LAS SANTOS, ANDRES	63440	UNABLE TO OBTAIN WL	ACTIVE
600392	VOORTMAN, EDWIN	89260	SEMI-ANNUAL	ACTIVE
600011	VANDER WEERD, RON	21610-DI	MONTHLY	ACTIVE
600147	JORRITSMA, JAMES AND NONA	42560-DOM	SEMI-ANNUAL	ACTIVE
3600406	BOOTSMA, GARRET	8800-DOM	UNABLE TO OBTAIN WL	ACTIVE
600193	COSTA VIEW FARMER	18640-DOM	SEMI-ANNUAL	ACTIVE
3600325	DE GROOT, ERNEST	21320-H71	SEMI-ANNUAL	INACTIVE
3600324	DE GROOT, ERNEST	21320-2	UNABLE TO OBTAIN WL	ACTIVE
600330	RILEY, GEORGE		SEMI-ANNUAL	ACTIVE
600232	S.N.S. DAIRY	95024	SEMI-ANNUAL	ACTIVE
600231	S.N.S. DAIRY	GAS	SEMI-ANNUAL	ACTIVE
600233	S.N.S. DAIRY	95024	UNABLE TO OBTAIN WL	ACTIVE
600584	SOUTHERN CALIFORNIA AGRICULTURAL LAND FND.	DAIRY DOM	MONTHLY	ACTIVE
3602213	SOUTHERN CALIFORNIA AGRICULTURAL LAND FND.	54440	SEMI-ANNUAL	ACTIVE
3602214	SOUTHERN CALIFORNIA AGRICULTURAL LAND FND.	54440	UNABLE TO OBTAIN WL	ACTIVE
600148	COSTA VIEW FARMER	18640-DOM	SEMI-ANNUAL	ACTIVE
600210	ABBONA TRUST	95048-ABO	UNABLE TO OBTAIN WL	ACTIVE
3601625	H & Z TRUST	DOMESTIC	UNABLE TO OBTAIN WL	ACTIVE
3602480	H & Z TRUST	DAIRY	UNABLE TO OBTAIN WL	ACTIVE

Table 1

Chino Basin Desalter Authority
Chino I and Chino II Desalter Projects
Ground Water Monitoring and Mitigation Plan

DRAFT

WATERMASTER IDENTIFICATION NUMBER	OWNER	WELL NAME	MONITORING FREQUENCY	WELL STATUS
600247	Calvary Church	95067-3	SEMI-ANNUAL	ACTIVE
3602602	SOUTHERN CALIFORNIA AGRICULTURAL LAND FND.	DOM	SEMI-ANNUAL	ACTIVE
600119	A. B. & G. CATTLE COMPANY		UNABLE TO OBTAIN WL	ACTIVE
3600065	PIETERSMA, RON	DAIRY-WESTSIDE	UNABLE TO OBTAIN WL	ACTIVE
600115	DE WIT, PETER	23320-DOM	SEMI-ANNUAL	ACTIVE
600116	DE WIT, PETER	23320-IRR	UNABLE TO OBTAIN WL	ACTIVE
3600318	VAN DAM, DON	DAIRY-EASTSIDE-650C	SEMI-ANNUAL	ACTIVE
600014	STELLINGWERF FAMILY TRUST	74520-ANG	SEMI-ANNUAL	INACTIVE
600120	SCHUH, HAROLD	68760	SEMI-ANNUAL	ACTIVE
600098	VERHOEVEN, MARTIN	87960	SEMI-ANNUAL	ACTIVE
600249	RICHARD HOESKEMA	6	MONTHLY	ACTIVE
3602502	COUNTY OF SAN BERNARDINO	AG#3-GOYENETCHE	UNABLE TO OBTAIN WL	ACTIVE
3602333	CALIFORNIA YOUTH AUTHORITY	73000-2	UNABLE TO OBTAIN WL	ACTIVE
600226	BORBA, GEORGE	9080-DOM	SEMI-ANNUAL	ACTIVE
600200	SOUTHERN CALIFORNIA AGRICULTURAL LAND FND.	77760-DOM	SEMI-ANNUAL	ACTIVE
3602102	SOUTHERN CALIFORNIA AGRICULTURAL LAND FND.	77760-PAR	MONTHLY	ACTIVE
3602503	COUNTY OF SAN BERNARDINO	AG#4-BRITSCHGI	SEMI-ANNUAL	ACTIVE
3602500	COUNTY OF SAN BERNARDINO	AG1-GOYENETCHE	UNABLE TO OBTAIN WL	ACTIVE
3602554	LEKKERKERKER, PATTI	DOM	SEMI-ANNUAL	ACTIVE
600505	LEKKERKERKER, PATTI	STANDBY	SEMI-ANNUAL	ACTIVE
600123	LEE, HENRIETTA	33800-IRR	UNABLE TO OBTAIN WL	ACTIVE
600339	LEE, HENRIETTA	DOM	SEMI-ANNUAL	ACTIVE
600163	VAN VLIET, NICK	DAIRY/NORTH-650C	SEMI-ANNUAL	ACTIVE
600164	VAN VLIET, NICK	DAIRY/SOUTH-650C	SEMI-ANNUAL	ACTIVE
600162	VAN VLIET, NICK	IRRIGATION-20P	UNABLE TO OBTAIN WL	INACTIVE
600189	Bouma Dairy	32130	SEMI-ANNUAL	ACTIVE
3602553	ALBERS, RAY	1180-DOM	SEMI-ANNUAL	ACTIVE
3601335	ALBERS, RAY	1180-IRR	UNABLE TO OBTAIN WL	ACTIVE
3600421	PARENTE, MARY	58960-ARC	SEMI-ANNUAL	ACTIVE
3602587	SOUTHERN CALIFORNIA AGRICULTURAL LAND FND.	91920-IRR	SEMI-ANNUAL	ACTIVE
3601452	COUNTY OF SAN BERNARDINO	AG#5-BRITSCHGI	UNABLE TO OBTAIN WL	ACTIVE
3601421	VAN DEN BERG, MARVIN	81640-DOM	SEMI-ANNUAL	ACTIVE
600516	G H DAIRY		SEMI-ANNUAL	ACTIVE

Table 1

WATERMASTER IDENTIFICATION NUMBER	OWNER	WELL NAME	MONITORING FREQUENCY	WELL STATUS
3601064	G H DAIRY	DOM	MONTHLY	INACTIVE
600154	LEE, HAROLD	46250-DOM	UNABLE TO OBTAIN WL	ACTIVE
600274	VAN VEEN, JOHN	84040	SEMI-ANNUAL	ACTIVE
600452	THE LANTING FAMILY, LLC	DOM	SEMI-ANNUAL	ACTIVE
600464	VAN'S DAIRY	DOMESTIC	SEMI-ANNUAL	ACTIVE
600063	TUINHOUT, HARRY	80080-3	SEMI-ANNUAL	INACTIVE
600062	TILLEMA, HAROLD	DAIRY-DOM	UNABLE TO OBTAIN WL	ACTIVE
600535	ANGELAN GENDIAS TRUST	DAIRY/DOM	SEMI-ANNUAL	ACTIVE
3601693	TEE VEE DAIRY FARMS	IRRIGATION-25P/20A	UNABLE TO OBTAIN WL	ACTIVE
600080	TEE VEE DAIRY FARMS	DAIRY-1300C	SEMI-ANNUAL	ACTIVE
600295	GOLDEN WEST DAIRIES	DOM	SEMI-ANNUAL	ACTIVE
600296	GOLDEN WEST DAIRIES	IRR	UNABLE TO OBTAIN WL	ACTIVE
3600503	GOLDEN WEST DAIRIES	NED	SEMI-ANNUAL	ACTIVE
600199	Ag Pool Misc	Dairy/Dom	SEMI-ANNUAL	ACTIVE
600258	SOUTHERN CALIFORNIA AGRICULTURAL LAND FND.	DY2-1050C	UNABLE TO OBTAIN WL	ACTIVE
600196	SOUTHERN CALIFORNIA AGRICULTURAL LAND FND.	95060-DOM	SEMI-ANNUAL	ACTIVE
600195	SOUTHERN CALIFORNIA AGRICULTURAL LAND FND.	95060-DOM	UNABLE TO OBTAIN WL	INACTIVE
600466	SOUTHERN CALIFORNIA AGRICULTURAL LAND FND.	95060	SEMI-ANNUAL	ACTIVE
600568	SOUTHERN CALIFORNIA AGRICULTURAL LAND FND.	IRR	UNABLE TO OBTAIN WL	ACTIVE
600158	The Davenport Group	Loyola Dairy?	SEMI-ANNUAL	ACTIVE
600583	SOUTHERN CALIFORNIA AGRICULTURAL LAND FND.	DOM	TRANSDUCER	INACTIVE
600463	DYT, ANDY	standby only	MONTHLY	ACTIVE
3300145	DYT, ANDY	1	MONTHLY	INACTIVE
600433	VAN DAM, BAS	STANDBY-81400	UNABLE TO OBTAIN WL	ACTIVE
600047	VAN DAM, BAS	81400-IRR	MONTHLY	INACTIVE
600432	VAN DAM, BAS	81400-DOM	SEMI-ANNUAL	ACTIVE
600371	SLEGGERS, GERARD	AND	UNABLE TO OBTAIN WL	ACTIVE
600441	SLEGGERS, GERARD	71800-DOM	SEMI-ANNUAL	ACTIVE
600222	THE LANTING FAMILY, LLC	77680	SEMI-ANNUAL	ACTIVE
3602589	DUHALDE, LAUREN	DAIRY-450C	SEMI-ANNUAL	ACTIVE
600514	ECHEVERRIA, CARLOS	DAIRY-1000C	UNABLE TO OBTAIN WL	ACTIVE
3602476	SWAGER PROPERTIES	IRR	UNABLE TO OBTAIN WL	INACTIVE
3301221	HETTINGA, PETE	95008-EL	UNABLE TO OBTAIN WL	ACTIVE

Table 1

Chino Basin Desalter Authority
 Chino I and Chino II Desalter Projects
 Ground Water Monitoring and Mitigation Plan

DRAFT

WATERMASTER IDENTIFICATION NUMBER	OWNER	WELL NAME	MONITORING FREQUENCY	WELL STATUS
600302	SCHAKEL DAIRIES	DAIRY-550C	MONTHLY	ACTIVE
600269	P & D DAIRY	Dom-0.00920	MONTHLY	ACTIVE
300073	MOYNIER, JEAN	7520-IRR	UNABLE TO OBTAIN WL	ACTIVE
3601411	HETTINGA, PETE	95008-3	UNABLE TO OBTAIN WL	ACTIVE
3301222	HETTINGA, PETE	3	UNABLE TO OBTAIN WL	ACTIVE
300047	SIMAS, SR., JOE	54260-DAIRY-2-NORTH	UNABLE TO OBTAIN WL	INACTIVE
300046	SIMAS, SR., JOE	DAIRY-2E7	MONTHLY	ACTIVE
300113	HETTINGA, PETE	DOM	MONTHLY	ACTIVE
600262	FORECAST HOMES	91240-IRR	UNABLE TO OBTAIN WL	INACTIVE
600085	COLLINSWORTH, SHELBY	CAS-FLUSH ONLY	UNABLE TO OBTAIN WL	ACTIVE
3602569	MILKMAID DAIRY RANCH	22720-DOM	MONTHLY	ACTIVE
3602570	MILKMAID DAIRY RANCH	22720-IRR	UNABLE TO OBTAIN WL	INACTIVE
600012	SALAZAR, CESAR	2690	SEMI-ANNUAL	ACTIVE
600166	KOOLHAAS, KEN	44760-IRR	UNABLE TO OBTAIN WL	INACTIVE
600169	KROES DAIRY	45400-DOM	UNABLE TO OBTAIN WL	ACTIVE
300163	COLLINSWORTH, SHELBY	RIV-IRR-40AC	UNABLE TO OBTAIN WL	ACTIVE
300222	LEAL RANCHES	WEST IRRIGATION	UNABLE TO OBTAIN WL	ACTIVE
300221	LEAL RANCHES	WEST DAIRY	MONTHLY	ACTIVE
300099	SILVEIRA, JACK	71080-IRR	UNABLE TO OBTAIN WL	INACTIVE
3301025	SILVEIRA, JACK	1 POULSON	MONTHLY	ACTIVE
3302006	DOLAN, MIKE	BARN WELL	UNABLE TO OBTAIN WL	ACTIVE
3300279	JURUPA COMMUNITY SERVICES DISTRICT	3	UNABLE TO OBTAIN WL	ACTIVE
3300161	DYT, ANDY		UNABLE TO OBTAIN WL	ACTIVE
300111	ATTN JAN SMITH	93600-DOM	UNABLE TO OBTAIN WL	ACTIVE
300017	BAIN, WARREN	4040-2	UNABLE TO OBTAIN WL	ACTIVE
3301751	BAIN, WARREN	DOMESTIC	UNABLE TO OBTAIN WL	INACTIVE
3300567	VANDER STELT DAIRY	1	UNABLE TO OBTAIN WL	ACTIVE
300070	MIERSMA, HARRY		MONTHLY	ACTIVE
3302033	TILLEMA, HAROLD	NO 5	MONTHLY	INACTIVE
3302097	QUEST DAIRY		MONTHLY	ACTIVE
3300090	MOONS DAIRY	HOUSE	MONTHLY	ACTIVE
3300231	MOONS DAIRY	2 WEST	UNABLE TO OBTAIN WL	ACTIVE
3302090	MOONS DAIRY	DOM-DAIRY	MONTHLY	ACTIVE

Table 1

WATERMASTER IDENTIFICATION NUMBER	OWNER	WELL NAME	MONITORING FREQUENCY	WELL STATUS
600581	SOUTHERN CALIFORNIA AGRICULTURAL LAND FND.	DOM	SEMI-ANNUAL	ACTIVE
600582	SOUTHERN CALIFORNIA AGRICULTURAL LAND FND.	IRR	UNABLE TO OBTAIN WL	ACTIVE
3300092	Falloncrest Farms		MONTHLY	ACTIVE
3300093	Falloncrest Farms	DOM2	MONTHLY	ACTIVE
3600390	PIETERSMA, RON		MONTHLY	ACTIVE
300183	VAN RYN DAIRY	DAIRY/DOM	SEMI-ANNUAL	ACTIVE
3300285	VERMEER & GOEDHART DAIRY	NEW 3	MONTHLY	ACTIVE
600430	NYENHUIS, JIM	DOM	UNABLE TO OBTAIN WL	ACTIVE
600289	COUNTY OF SAN BERNARDINO	DOM	SEMI-ANNUAL	ACTIVE
600118	NYENHUIS, JIM	IRR	MONTHLY	ACTIVE
3601454	COUNTY OF SAN BERNARDINO	AG#6-BRITSCHGI	MONTHLY	ACTIVE
600405	BRINKERHOFF, ROBERT	12420	MONTHLY	ACTIVE
600138	HARINGA, HERMAN	DOM	SEMI-ANNUAL	ACTIVE
600517	HARINGA, HERMAN	DOMESTIC STANDBY	SEMI-ANNUAL	ACTIVE
600518	JUAN ECHEVERRIA DAIRY	DOM	SEMI-ANNUAL	ACTIVE
600406	JUAN ECHEVERRIA DAIRY	26240-IRR	MONTHLY	ACTIVE
600362	JUAN ECHEVERRIA DAIRY	26240-DOM	SEMI-ANNUAL	INACTIVE
600303	CLARKE, ARTHUR	17240	SEMI-ANNUAL	ACTIVE
3600557	STUEVE BROTHERS FARMS	IRR #2	UNABLE TO OBTAIN WL	ACTIVE
3602609	BOUMA, EWOUDE	95010-DOM	SEMI-ANNUAL	INACTIVE
600281	ENGELSMA DAIRY	26880	UNABLE TO OBTAIN WL	INACTIVE
600280	ENGELSMA DAIRY	26880	SEMI-ANNUAL	ACTIVE
600534	STARK, EVERETT	74200-DOM	SEMI-ANNUAL	ACTIVE
600050	STARK, EVERETT	74200-IRR	MONTHLY	ACTIVE
3601885	CHINO, CITY OF		MONTHLY	ACTIVE
3601044	COUNTY OF SAN BERNARDINO	AG#12-GOYENETCHE	UNABLE TO OBTAIN WL	ACTIVE
600409	SAN BERN CTY GEN SVS DEPT OF COMM RES	67002-PD1	UNABLE TO OBTAIN WL	ACTIVE
3600758	COUNTY OF SAN BERNARDINO	AG#8/GAS-GOYENETCHE	UNABLE TO OBTAIN WL	ACTIVE
600020	INDABURU, MARCELINE	40200-DOM-SOUTH	SEMI-ANNUAL	ACTIVE
600021	INDABURU, MARCELINE	40200-IRR-NORTH	MONTHLY	ACTIVE
600313	BERQUIST PROPERTIES, INC.	6960	UNABLE TO OBTAIN WL	ACTIVE
600506	BERQUIST PROPERTIES, INC.	6960	UNABLE TO OBTAIN WL	ACTIVE
3601059	CHINO, CITY OF	730-40H	MONTHLY	OBSERVATION

Table 1

105

Chino Basin Desalter Authority
 Chino I and Chino II Desalter Projects
 Ground Water Monitoring and Mitigation Plan

DRAFT

WATERMASTER IDENTIFICATION NUMBER	OWNER	WELL NAME	MONITORING FREQUENCY	WELL STATUS
3602597	APHESSETCHE, XAVIER	2760	UNABLE TO OBTAIN WL	ACTIVE
600229	SOUZA JR, FRANK	73280-DOM	SEMI-ANNUAL	ACTIVE
600337	BARCELOS, GUILERMINA	66560-DOM	MONTHLY	ACTIVE
3600529	LEKKERKERKER, PATTI	DOM	SEMI-ANNUAL	ACTIVE
600533	LEKKERKERKER, PATTI	DOMESTIC	SEMI-ANNUAL	ACTIVE
3602624	STAHL, ZIPPORA	95017	SEMI-ANNUAL	INACTIVE
300061	VISSER, HENRY	88720-DOM	SEMI-ANNUAL	ACTIVE
600284	FERREIRA, JOE	28080-CHI	SEMI-ANNUAL	ACTIVE
3601056	STAHL, ZIPPORA	95017-NOR	SEMI-ANNUAL	ACTIVE
600542	LIZZE CUSTOM PROCESSING	DOMESTIC	SEMI-ANNUAL	ACTIVE
600465	MORENO, MANUAL	IRR	SEMI-ANNUAL	ACTIVE
3602546	ORANGE COUNTY WATER DISTRICT	83240-DOM	SEMI-ANNUAL	ACTIVE
3600193	FAIRVIEW FARMS	83240-IRR	SEMI-ANNUAL	ACTIVE
600294	ROCHA, JOHN	IRR	UNABLE TO OBTAIN WL	ACTIVE
600293	ROCHA, JOHN	DOM	UNABLE TO OBTAIN WL	ACTIVE
600538	INLAND EMPIRE UTILITIES AGENCY (CBMWD)	MW-2	MONTHLY	OBSERVATION
600474	Falloncrest Farms	BARN #4	SEMI-ANNUAL	ACTIVE
600545	H & R WESTRA DAIRY	NEW-DOMESTIC	MONTHLY	ACTIVE
3602536	H & R WESTRA DAIRY	IRR-CR-BICK/CUC	SEMI-ANNUAL	INACTIVE
600220	Chino Welding & Assembly	IRR	UNABLE TO OBTAIN WL	ACTIVE
600212	H & R BARTHELEMY DAIRY	5120-IRR	SEMI-ANNUAL	ACTIVE
600544	MARQUEZ DAIRY	DAIRY/DOMESTIC	SEMI-ANNUAL	ACTIVE
600509	H & R BARTHELEMY DAIRY	DOM	UNABLE TO OBTAIN WL	ACTIVE
600254	ROCHA, JOHN	NEW	SEMI-ANNUAL	ACTIVE
600214	H & R BARTHELEMY DAIRY	5120-I&D	UNABLE TO OBTAIN WL	ACTIVE
600530	GROOMAN'S PUMP	DOM	MONTHLY	ACTIVE
600537	INLAND EMPIRE UTILITIES AGENCY (CBMWD)	MW-1	SEMI-ANNUAL	OBSERVATION
3601246	STATE OF CALIFORNIA, CIW	74360-1	SEMI-ANNUAL	INACTIVE
600087	JACQUES DAIRY	DAIRY-DOM	MONTHLY	ACTIVE
600526	Falloncrest Farms	BARN #3	MONTHLY	ACTIVE
600410	VANDER POEL, HENRY	85840-IRR	UNABLE TO OBTAIN WL	INACTIVE
600411	VANDER POEL, HENRY	85840-DOM	SEMI-ANNUAL	ACTIVE
3600502	Falloncrest Farms	BARN #2	UNABLE TO OBTAIN WL	ACTIVE

Table 1

WATERMASTER IDENTIFICATION NUMBER	OWNER	WELL NAME	MONITORING FREQUENCY	WELL STATUS
600578	LIBERTY RANCH	DOM	SEMI-ANNUAL	ACTIVE
600383	STUEVE BROTHERS FARMS	BARN #5	MONTHLY	INACTIVE
3601681	STUEVE BROTHERS FARMS	BARN#1, HEIFER CORRAL	UNABLE TO OBTAIN WL	ACTIVE
3600368	VANDER POEL, HENRY	DOM BACKUP	SEMI-ANNUAL	INACTIVE
600032	FULLMER CATTLE COMPANY	30050	UNABLE TO OBTAIN WL	ACTIVE
600355	VANDER LAAN, BEN	DAIRY	SEMI-ANNUAL	ACTIVE
3602586	LIBERTY RANCH	92840-IRR	MONTHLY	INACTIVE
3602585	LIBERTY RANCH	92840-DOM	SEMI-ANNUAL	ACTIVE
3301603	CARDOZA TRUST/INVESTMENT	IR P	MONTHLY	INACTIVE
3300387	DE BOS, ANDREW		UNABLE TO OBTAIN WL	ACTIVE
300175	DE BOS, ANDREW		SEMI-ANNUAL	ACTIVE
300044	DESPERADO DAIRY	DOM-0.00975	SEMI-ANNUAL	ACTIVE
3300056	JURUPA COMMUNITY SERVICES DISTRICT	IRRIG 1	UNABLE TO OBTAIN WL	ACTIVE
300043	BATES, MILDRED		SEMI-ANNUAL	ACTIVE
3301503	VAN DER LINDEN, STANLEY	2 DOM	SEMI-ANNUAL	ACTIVE
3301504	VAN DER LINDEN, STANLEY	1 IRRIG	SEMI-ANNUAL	ACTIVE
3301753	CARDOZA TRUST/INVESTMENT		SEMI-ANNUAL	ACTIVE
300115	CARDOZA TRUST/INVESTMENT	B 9	SEMI-ANNUAL	ACTIVE
300059	VIEIRA, MARY		MONTHLY	ACTIVE
300055	THRALL, LEMON	79090	SEMI-ANNUAL	ACTIVE
3301916	ORTEGA, BERNARD	13485	UNABLE TO OBTAIN WL	ACTIVE
300181	OLIVEIRA, MARY	80570-IRR	SEMI-ANNUAL	ACTIVE
300082	JURUPA COMMUNITY SERVICES DISTRICT	27480-2	UNABLE TO OBTAIN WL	ACTIVE
300194	JURUPA COMMUNITY SERVICES DISTRICT		SEMI-ANNUAL	ACTIVE
300005	BOERSMA, PETE	8340-1	SEMI-ANNUAL	ACTIVE
300074	BOERSMA, PETE	8340-2	UNABLE TO OBTAIN WL	INACTIVE
300024	GOEDHART, JENNIE	10440-DOM	SEMI-ANNUAL	ACTIVE
3302167	BOSCHMA FRANK	IRRIGATION	UNABLE TO OBTAIN WL	ACTIVE
3302168	BOSCHMA FRANK	DAIRY	UNABLE TO OBTAIN WL	ACTIVE
300035	HARRIS, JIMMY LEE		SEMI-ANNUAL	ACTIVE
300033	MARTIN, FRANK		UNABLE TO OBTAIN WL	ACTIVE
3300237	JUAN ECHEVERRIA DAIRY	1	UNABLE TO OBTAIN WL	ACTIVE
300168	JUAN ECHEVERRIA DAIRY	DOM	UNABLE TO OBTAIN WL	ACTIVE

Table 1

Chino Basin Desalter Authority
 Chino I and Chino II Desalter Projects
 Ground Water Monitoring and Mitigation Plan

DRAFT

WATERMASTER IDENTIFICATION NUMBER	OWNER	WELL NAME	MONITORING FREQUENCY	WELL STATUS
300023	JURUPA COMMUNITY SERVICES DISTRICT	27480-1	SEMI-ANNUAL	ACTIVE
3300194	VAN LEEUWEN, WILLIAM	83660-IRR	SEMI-ANNUAL	ACTIVE
3300195	VAN LEEUWEN, WILLIAM	EAST 1	SEMI-ANNUAL	ACTIVE
300054	VANDER DUSSEN, RENE	84920-DD	SEMI-ANNUAL	ACTIVE
300107	JURUPA COMMUNITY SERVICES DISTRICT	84920-DAR	UNABLE TO OBTAIN WL	ACTIVE
300022	GODINHO, JOHN	31680-DD	MONTHLY	ACTIVE
600489	CHINO HILLS, CITY OF	16	TRANSDUCER	ACTIVE
600191	AGUERRE, LOUIS	760	UNABLE TO OBTAIN WL	ACTIVE
600221	CHINO, CITY OF	5577 Schaefer	TRANSDUCER	OBSERVATION
600500	CHINO HILLS, CITY OF	19	TRANSDUCER	ACTIVE
3601624	BOYS REPUBLIC	3	UNABLE TO OBTAIN WL	INACTIVE
600048	VASQUEZ, ELEANOR	87240	SEMI-ANNUAL	INACTIVE
3601912	MARY BROGURERE ESTATE	84490-2	SEMI-ANNUAL	ACTIVE
3600339	STATE OF CALIFORNIA, CIM	1	MONTHLY	ACTIVE
600488	CHINO HILLS, CITY OF	15B	TRANSDUCER	ACTIVE
600495	CHINO HILLS, CITY OF	14	TRANSDUCER	ACTIVE
600549	DOUMA, PHILLIP	BACK-UP	SEMI-ANNUAL	ACTIVE
3602551	LEKKERKERK DAIRY	48000-DOM	UNABLE TO OBTAIN WL	ACTIVE
3602552	LEKKERKERK DAIRY	48000-IRR	UNABLE TO OBTAIN WL	ACTIVE
600522	INLAND EMPIRE UTILITIES AGENCY (CBMWD)		UNABLE TO OBTAIN WL	ACTIVE
600077	INLAND EMPIRE UTILITIES AGENCY (CBMWD)	87760-1	SEMI-ANNUAL	INACTIVE
600372	BOSMA, GERRIT	10520-DOM	SEMI-ANNUAL	ACTIVE
600168	DANIEL WEEDA DAIRY	90240	SEMI-ANNUAL	ACTIVE
600227	DOUMA, PHILLIP	WC-680C	SEMI-ANNUAL	ACTIVE
3602572	ORANGE COUNTY WATER DISTRICT	87480-DOM	SEMI-ANNUAL	ACTIVE
3601169	WASSENAAR, PETER	81320	SEMI-ANNUAL	ACTIVE
3600961	VAN LEEUWEN, JOHN	IRR-20P	UNABLE TO OBTAIN WL	ACTIVE
600352	KONING TRUST	44560-IRR	SEMI-ANNUAL	ACTIVE
600351	KONING TRUST	44560-IRR	UNABLE TO OBTAIN WL	INACTIVE
300087	JN KONING ESTATE	24-W/DAIRY20P20OTHR	UNABLE TO OBTAIN WL	ACTIVE
300086	JN KONING ESTATE		UNABLE TO OBTAIN WL	ACTIVE
300031	LEKKERKERKER, PATTI	WEST OF GRAPEWIN	UNABLE TO OBTAIN WL	ACTIVE
300032	OOSTEN FAMILY TRUST		SEMI-ANNUAL	ACTIVE

Table 1

WATERMASTER IDENTIFICATION NUMBER	OWNER	WELL NAME	MONITORING FREQUENCY	WELL STATUS
300021	Peacock, Joanne	31410	SEMI-ANNUAL	ACTIVE
300095	OOSTEN FAMILY TRUST	1	SEMI-ANNUAL	ACTIVE
300039	OOSTEN FAMILY TRUST	3	UNABLE TO OBTAIN WL	ACTIVE
300025	MCCUNE & ASSOCIATES	28880-C	SEMI-ANNUAL	ACTIVE
300085	COW-WEST DAIRY	42360-DAIRY	SEMI-ANNUAL	ACTIVE
300053	VAN LOON, RICHARD		SEMI-ANNUAL	ACTIVE
3300978	COW-WEST DAIRY	LARGE IRR	SEMI-ANNUAL	ACTIVE
300220	OSTERKAMP DAIRY	DAIRY	UNABLE TO OBTAIN WL	ACTIVE
300040	OSTERKAMP DAIRY	1	SEMI-ANNUAL	ACTIVE
300152	OSTERKAMP DAIRY	3	UNABLE TO OBTAIN WL	ACTIVE
600553	CASE VAN DER EYK DAIRIES	DOM-BARN	SEMI-ANNUAL	ACTIVE
600552	CASE VAN DER EYK DAIRIES	DOM-ROAD	MONTHLY	ACTIVE
300108	MENDIONDO, CATHERINE	DAIRY	SEMI-ANNUAL	ACTIVE
3301930	CASE VAN DER EYK DAIRIES	4	SEMI-ANNUAL	INACTIVE
3600414	STUEVE BROTHERS FARMS	NOT IN SERVICE	SEMI-ANNUAL	INACTIVE
600235	STUEVE BROTHERS FARMS	1	SEMI-ANNUAL	ACTIVE
600237	STUEVE BROTHERS FARMS	3	SEMI-ANNUAL	ACTIVE
600236	STUEVE BROTHERS FARMS	2	SEMI-ANNUAL	ACTIVE
3600087	SWAGER PROPERTIES	75960-DOM	SEMI-ANNUAL	ACTIVE
3600086	SWAGER PROPERTIES	75960-IRR	UNABLE TO OBTAIN WL	ACTIVE
600354	HETTINGA, HEIN	DM1	UNABLE TO OBTAIN WL	ACTIVE
600523	HETTINGA, HEIN	DM4	UNABLE TO OBTAIN WL	ACTIVE
600425	HETTINGA, HEIN	DM3	SEMI-ANNUAL	ACTIVE
600468	CCR REGIONAL PARKS DIVISION	SS1	SEMI-ANNUAL	ACTIVE
600469	CCR REGIONAL PARKS DIVISION	SS2	MONTHLY	ACTIVE
600470	SAN BERN CTY GEN SVS DEPT OF COMM RES	PARKS DEPT 2	UNABLE TO OBTAIN WL	INACTIVE
3300863	ORANGE COUNTY WATER DISTRICT	IRRI-50AC/ALF	OWNER	ACTIVE
3301755	EXECUTOR C P LOURENCO ESTATE		UNABLE TO OBTAIN WL	ACTIVE
300034	CARLOS LOURENCO DAIRY	400c-0.01380	SEMI-ANNUAL	ACTIVE
3300830	RIVER RANCH RECYCLING & ORGANICS	1	SEMI-ANNUAL	ACTIVE
3300059	W. RIVERSIDE CNTY REG. W.W. AUTHORITY	BIG 1	SEMI-ANNUAL	INACTIVE
3301929	TOLLMARK CORPORATION	3	SEMI-ANNUAL	ACTIVE
300234	MCCUNE & ASSOCIATES	DAIRY DOM	SEMI-ANNUAL	ACTIVE

Table 1

Chino Basin Desalter Authority
 Chino I and Chino II Desalter Projects
 Ground Water Monitoring and Mitigation Plan

DRAFT

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600515	COUNTY OF SAN BERNARDINO	AG10-LOCKHEED	MONTHLY	ACTIVE
600570	LOUISA THORSHEIM		SEMI-ANNUAL	ACTIVE
300062	LEE, HENRIETTA		SEMI-ANNUAL	ACTIVE
300089	LEE, HENRIETTA		UNABLE TO OBTAIN WL	ACTIVE
600216	VANDER LAAN, MARTIN		SEMI-ANNUAL	ACTIVE
600043	LIZZE CUSTOM PROCESSING	Sprinkler System	UNABLE TO OBTAIN WL	INACTIVE
300227	MIRA LOMA THOROUGHbred FARM	DOM-WEST	MONTHLY	ACTIVE
300228	RASNER, BUD		UNABLE TO OBTAIN WL	ACTIVE
300229	EN SUE, LIAU	DOM	MONTHLY	ACTIVE
300231	COW-WEST DAIRY		SEMI-ANNUAL	ACTIVE
300233	TOLLMARK CORPORATION	Dairy/Dom-by house	MONTHLY	ACTIVE
300238	STERLING LEASING INC	DOM/Office	SEMI-ANNUAL	ACTIVE
300239	TOLLMARK CORPORATION	By barn/1 HP	SEMI-ANNUAL	ACTIVE
300240	SLOW, JACKIE		UNABLE TO OBTAIN WL	ACTIVE
300242	BOOTSMA CALF RANCH	CALVES	SEMI-ANNUAL	ACTIVE
300244	POLOPOLUS STEVE	Back up	MONTHLY	INACTIVE
300249	GOOSE CREEK GOLF CLUB	DOM-New	SEMI-ANNUAL	ACTIVE
300250	GOOSE CREEK GOLF CLUB	#2-IRR	UNABLE TO OBTAIN WL	ACTIVE
600575	MUSHEGAIN, MARY		UNABLE TO OBTAIN WL	ACTIVE
600591	INLAND EMPIRE UTILITIES AGENCY (CBMWD)	OLD DOMESTIC	UNABLE TO OBTAIN WL	INACTIVE
600595	H & R WESTRA DAIRY	Dairy/Dom	SEMI-ANNUAL	ACTIVE
600600	BORBA, GEORGE	IRR-Gas-New	UNABLE TO OBTAIN WL	ACTIVE
600601	PINHERO, JACK	DAIRY	SEMI-ANNUAL	ACTIVE
600603	DOMINGUEZ, JOHN		MONTHLY	ACTIVE
600604	DOMINGUEZ, JOHN		SEMI-ANNUAL	ACTIVE
600606	VICTORY BAPTIST CHURCH	DOM	SEMI-ANNUAL	ACTIVE
600608	STATE OF CALIFORNIA, CIW		SEMI-ANNUAL	ACTIVE
600609	MORENO, LOUIS W		SEMI-ANNUAL	ACTIVE
600613	BOUMA DAIRY	DOM/Back-up	SEMI-ANNUAL	ACTIVE
600614	BOS, JOHN		SEMI-ANNUAL	ACTIVE
600616	BASQUE AMERICAN DAIRY	Dairy/Dom	SEMI-ANNUAL	ACTIVE
600618	ARCHIBALD RANCH COMMUNITY CHURCH	Dom	SEMI-ANNUAL	ACTIVE
600619	MORENO, LOUIS W	DOM	SEMI-ANNUAL	ACTIVE

Table 1

WATERMASTER IDENTIFICATION NUMBER	OWNER	WELL NAME	MONITORING FREQUENCY	WELL STATUS
810004	C & N Cattle	Dom	SEMI-ANNUAL	ACTIVE
810009	GUTIERREZ, ERNESTO		SEMI-ANNUAL	ACTIVE
300251	WESTSTEYN, PETE		SEMI-ANNUAL	ACTIVE
600421	MARTINS DAIRY		UNABLE TO OBTAIN WL	INACTIVE
600620	Falloncrest Farms		UNABLE TO OBTAIN WL	ACTIVE
600623	STUEVE BROTHERS FARMS	Dom	MONTHLY	ACTIVE
600625	ORANGE COUNTY WATER DISTRICT	DOM	MONTHLY	INACTIVE
600627	RODRIGUES, JOHN	Dairy	SEMI-ANNUAL	ACTIVE
600628	RODRIGUES, JOHN	Dairy	SEMI-ANNUAL	ACTIVE
600629	RODRIGUES, JOHN	Dairy	SEMI-ANNUAL	ACTIVE
600632	BARTH FARMS	IRR-New Well	UNABLE TO OBTAIN WL	ACTIVE
600634	HUGHES, PAUL	8Ac/Nursery	SEMI-ANNUAL	ACTIVE
600635	VAN DER KOOL, CHARLIE	Dairy	SEMI-ANNUAL	ACTIVE
600663	DE BOER, SIDNEY		SEMI-ANNUAL	ACTIVE
600664	ORANGE COUNTY WATER DISTRICT	DOM	SEMI-ANNUAL	ACTIVE
600670	CHINO, CITY OF	15	TRANSDUCER	INACTIVE
600648	CDA - Chino Desalter #1	1	SEMI-ANNUAL	ACTIVE
600649	CDA - Chino Desalter #1	2	SEMI-ANNUAL	ACTIVE
600650	CDA - Chino Desalter #1	3	SEMI-ANNUAL	ACTIVE
600651	CDA - Chino Desalter #1	4	SEMI-ANNUAL	ACTIVE
600652	CDA - Chino Desalter #1	5	SEMI-ANNUAL	ACTIVE
600653	CDA - Chino Desalter #1	8	SEMI-ANNUAL	ACTIVE
600654	CDA - Chino Desalter #1	9	SEMI-ANNUAL	ACTIVE
600655	CDA - Chino Desalter #1	10	SEMI-ANNUAL	ACTIVE
600656	CDA - Chino Desalter #1	11	SEMI-ANNUAL	ACTIVE
300258	CDA - Chino Desalter #1	6	SEMI-ANNUAL	ACTIVE
300259	CDA - Chino Desalter #1	7	SEMI-ANNUAL	ACTIVE
600668	CHINO, CITY OF	YMCA	TRANSDUCER	OBSERVATION
600669	CHINO, CITY OF	12th&G	TRANSDUCER	OBSERVATION
600679	BOUMA, EWOUDE		MONTHLY	ACTIVE
600681	DE BOER, SIDNEY		SEMI-ANNUAL	ACTIVE
600744	STATE OF CALIFORNIA, CIM	MW-10	OWNER	OBSERVATION
600746	STATE OF CALIFORNIA, CIM	MW-18S	OWNER	OBSERVATION

Table 1

111

Chino Basin Desalter Authority
 Chino I and Chino II Desalter Projects
 Ground Water Monitoring and Mitigation Plan

DRAFT

WATERMASTER IDENTIFICATION NUMBER	OWNER	WELL NAME	MONITORING FREQUENCY	WELL STATUS
600747	STATE OF CALIFORNIA, CIM	MW-19I	OWNER	OBSERVATION
600748	STATE OF CALIFORNIA, CIM	MW-19S	OWNER	OBSERVATION
600749	STATE OF CALIFORNIA, CIM	MW-19SA	OWNER	OBSERVATION
600750	STATE OF CALIFORNIA, CIM	MW-20I	OWNER	OBSERVATION
600751	STATE OF CALIFORNIA, CIM	MW-20S	OWNER	OBSERVATION
600752	STATE OF CALIFORNIA, CIM	MW-21I	OWNER	OBSERVATION
600753	STATE OF CALIFORNIA, CIM	MW-21S	OWNER	OBSERVATION
600754	STATE OF CALIFORNIA, CIM	MW-22DR	TRANSDUCER	OBSERVATION
600755	STATE OF CALIFORNIA, CIM	MW-24I	TRANSDUCER	OBSERVATION
600756	STATE OF CALIFORNIA, CIM	MW-24S	TRANSDUCER	OBSERVATION
600769	STATE OF CALIFORNIA, CIM	MW-4	OWNER	OBSERVATION
600771	STATE OF CALIFORNIA, CIM	MW-5	OWNER	OBSERVATION
600773	STATE OF CALIFORNIA, CIM	MW-6	OWNER	OBSERVATION
600775	STATE OF CALIFORNIA, CIM	MW-7	OWNER	OBSERVATION
600777	STATE OF CALIFORNIA, CIM	MW-9	OWNER	OBSERVATION
600778	STATE OF CALIFORNIA, CIM	P-23D	TRANSDUCER	OBSERVATION
600779	STATE OF CALIFORNIA, CIM	P-23I	TRANSDUCER	OBSERVATION
600780	STATE OF CALIFORNIA, CIM	P-23S	TRANSDUCER	OBSERVATION
600682	JACQUES DAIRY		SEMI-ANNUAL	ACTIVE
300266	RODRIGUEZ, MARCY	IRRDOM	MONTHLY	ACTIVE
0	CHINO BASIN DESALTER AUTHORITY	13	SEMI-ANNUAL	ACTIVE
0	CHINO BASIN DESALTER AUTHORITY	14	SEMI-ANNUAL	ACTIVE
0	CHINO BASIN DESALTER AUTHORITY	15	SEMI-ANNUAL	ACTIVE
300270	USGS	Archibald 1	TRANSDUCER	OBSERVATION
300271	USGS	Archibald 2	TRANSDUCER	OBSERVATION
300260	GONSALVES, MARY		MONTHLY	ACTIVE
600691	STATE OF CALIFORNIA, CIM	14	SEMI-ANNUAL	ACTIVE
600692	STATE OF CALIFORNIA, CIM	15	SEMI-ANNUAL	ACTIVE
600688	MORENO, MANUAL		SEMI-ANNUAL	ACTIVE
600694	STATE OF CALIFORNIA, CIM	16	TRANSDUCER	ACTIVE
0	INLAND EMPIRE UTILITIES AGENCY (CBMWD)	HCMP-1/1	TRANSDUCER	OBSERVATION
0	INLAND EMPIRE UTILITIES AGENCY (CBMWD)	HCMP-2/1	TRANSDUCER	OBSERVATION
0	INLAND EMPIRE UTILITIES AGENCY (CBMWD)	HCMP-3/1	TRANSDUCER	OBSERVATION

Table 1

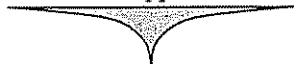
WATERMASTER IDENTIFICATION NUMBER	OWNER	WELL NAME	MONITORING FREQUENCY	WELL STATUS
0	INLAND EMPIRE UTILITIES AGENCY (CBMWD)	HCMP-4/1	TRANSDUCER	OBSERVATION
0	INLAND EMPIRE UTILITIES AGENCY (CBMWD)	HCMP-5/1	TRANSDUCER	OBSERVATION
0	INLAND EMPIRE UTILITIES AGENCY (CBMWD)	HCMP-6/1	TRANSDUCER	OBSERVATION
0	INLAND EMPIRE UTILITIES AGENCY (CBMWD)	HCMP-7/1	TRANSDUCER	OBSERVATION
0	INLAND EMPIRE UTILITIES AGENCY (CBMWD)	HCMP-8/1	TRANSDUCER	OBSERVATION
0	INLAND EMPIRE UTILITIES AGENCY (CBMWD)	HCMP-9/1	TRANSDUCER	OBSERVATION
0	INLAND EMPIRE UTILITIES AGENCY (CBMWD)	HCMP-1/2	TRANSDUCER	OBSERVATION
0	INLAND EMPIRE UTILITIES AGENCY (CBMWD)	HCMP-1/3	TRANSDUCER	OBSERVATION
0	INLAND EMPIRE UTILITIES AGENCY (CBMWD)	HCMP-3/2	TRANSDUCER	OBSERVATION
0	INLAND EMPIRE UTILITIES AGENCY (CBMWD)	HCMP-3/3	TRANSDUCER	OBSERVATION
0	INLAND EMPIRE UTILITIES AGENCY (CBMWD)	HCMP-6/2	TRANSDUCER	OBSERVATION
0	INLAND EMPIRE UTILITIES AGENCY (CBMWD)	HCMP-6/3	TRANSDUCER	OBSERVATION
0	INLAND EMPIRE UTILITIES AGENCY (CBMWD)	HCMP-2/2	TRANSDUCER	OBSERVATION
0	INLAND EMPIRE UTILITIES AGENCY (CBMWD)	HCMP-4/2	TRANSDUCER	OBSERVATION
0	INLAND EMPIRE UTILITIES AGENCY (CBMWD)	HCMP-5/2	TRANSDUCER	OBSERVATION
0	INLAND EMPIRE UTILITIES AGENCY (CBMWD)	HCMP-7/2	TRANSDUCER	OBSERVATION
0	INLAND EMPIRE UTILITIES AGENCY (CBMWD)	HCMP-8/2	TRANSDUCER	OBSERVATION
0	INLAND EMPIRE UTILITIES AGENCY (CBMWD)	HCMP-9/2	TRANSDUCER	OBSERVATION

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APPENDIX A
Private Well Complaint Form

GEOSCIENCE Support Services, Inc



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FILE WITH:
 SECRETARY OF CHINO BASIN
 DESALTER AUTHORITY
 11201 Harrel Street
 Mira Loma, CA 91752

CLAIM FOR DAMAGES TO PERSON OR PROPERTY

RESERVE FOR FILING STAMP

CLAIM NO _____

INSTRUCTIONS

1. Claims for death, injury to person or to personal property must be filed not later than six months after the occurrence (Gov Code Sec. 911 2)
2. Claims for damages to real property must be filed not later than 1 year after the occurrence (Gov Code Sec 911 2)
3. Read entire claim form before filing
4. See page 2 for diagram upon which to locate place of injury or damage
5. This claim form must be signed on page 2 at bottom.
6. Attach separate sheets, if necessary, to give full details. SIGN EACH SHEET.

TO: CHINO BASIN DESALTER AUTHORITY		Date of Birth of Claimant
Name of Claimant		Occupation of Claimant
Home Address of Claimant	City and State	Home Telephone Number
Business Address of Claimant	City and State	Business Telephone Number
Give address and telephone number to which you desire notices or communications to be sent regarding this claim:		Claimant's Social Security No
When did DAMAGE or INJURY occur? Date _____ Time _____ If claim is for Equitable Indemnity, give date claimant served with the complaint: Date _____	Names of any Chino Basin Desalter Authority employees involved in INJURY or DAMAGE	
Where did DAMAGE or INJURY occur? Describe fully, and locate on diagram on page 2 of this form. Where appropriate, give street names and address and measurements from landmarks:		
Describe in detail how the DAMAGE or INJURY occurred:		
Why do you claim the Chino Basin Desalter Authority is responsible?		
Describe in detail each INJURY or DAMAGE:		
SEE PAGE 2		THIS CLAIM MUST BE SIGNED ON PAGE 2

The amount claimed, as of the date of presentation of this claim, is computed as follows:

Damages incurred to date (exact):		Estimated prospective damages as far as known:	
Damage to property	\$ _____	Future expenses for medical and hospital care	\$ _____
Expenses for medical and hospital care	\$ _____	Future loss of earnings	\$ _____
Loss of earnings	\$ _____	Other prospective special damages	\$ _____
Special damages for	\$ _____	Prospective general damages	\$ _____
		Total estimate prospective damages	\$ _____
General damages	\$ _____		
Total damages incurred to date	\$ _____		
Total amount claimed as of date of presentation of this claim:		\$	

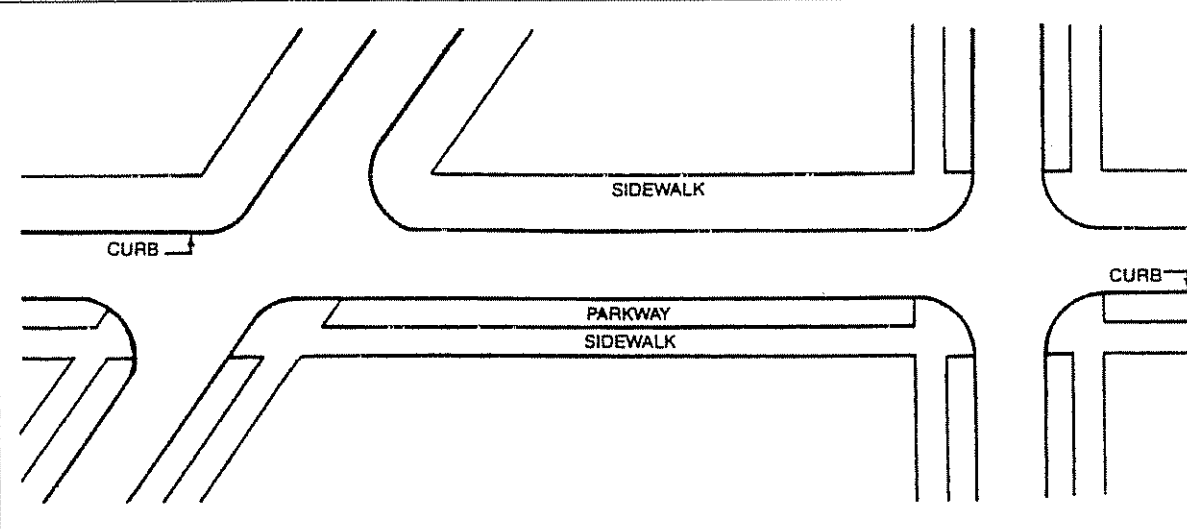
Was damage and/or injury investigated by police? _____ If so, what city? _____
 Were paramedics or ambulance called? _____ If so, name city or ambulance _____
 If injured, state date, time, name and address of doctor of your first visit _____

WITNESSES to DAMAGE or INJURY: List all persons and addresses of persons known to have information:
 Name _____ Address _____ Phone _____
 Name _____ Address _____ Phone _____
 Name _____ Address _____ Phone _____

DOCTORS and HOSPITALS:
 Hospital _____ Address _____ Date Hospitalized _____
 Doctor _____ Address _____ Date of Treatment _____
 Doctor _____ Address _____ Date of Treatment _____

READ CAREFULLY

For all accident claims place on following diagram names of streets, including North, East, South, and West; indicate place of accident by "X" and by showing house numbers or distances to street corners. If City Vehicle was involved, designate by letter "A" location of City Vehicle when you first saw it, and by "B" location of yourself or your vehicle when you first saw City vehicle; location of City vehicle at time of accident by "A-1" and location of yourself or your vehicle at the time of the accident by "B-1" and the point of impact by "X."
 NOTE: If diagrams below do not fit the situation, attach hereto a proper diagram signed by claimant.

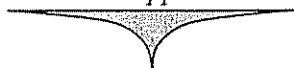


Signature of Claimant or person filing on his behalf giving relationship to Claimant:	Typed Name:	Date:
---	-------------	-------

NOTE: CLAIMS MUST BE FILED WITH THE SECRETARY OF THE CHINO BASIN DESALTER AUTHORITY (Gov Code Sec 915a)
 Presentation of a false claim is a felony (Pen Code Sec 72)

APPENDIX B
Private Well Inspection Form

GEOSCIENCE Support Services, Inc



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PRIVATE WELL INSPECTION FORM

Inspector's Name
Inspection Date

Owner Information

Owner's Name
Address
Telephone Number

Well Information

Well Name	
CBWM Recordation No.	
DWR Driller's Log on File?	
GPS Longitude	
GPS Latitude	
Date Drilled	
Total Casing Depth	
Casing Type	
Casing Diameter(s)	
Perforation Type	
Perforation Intervals	

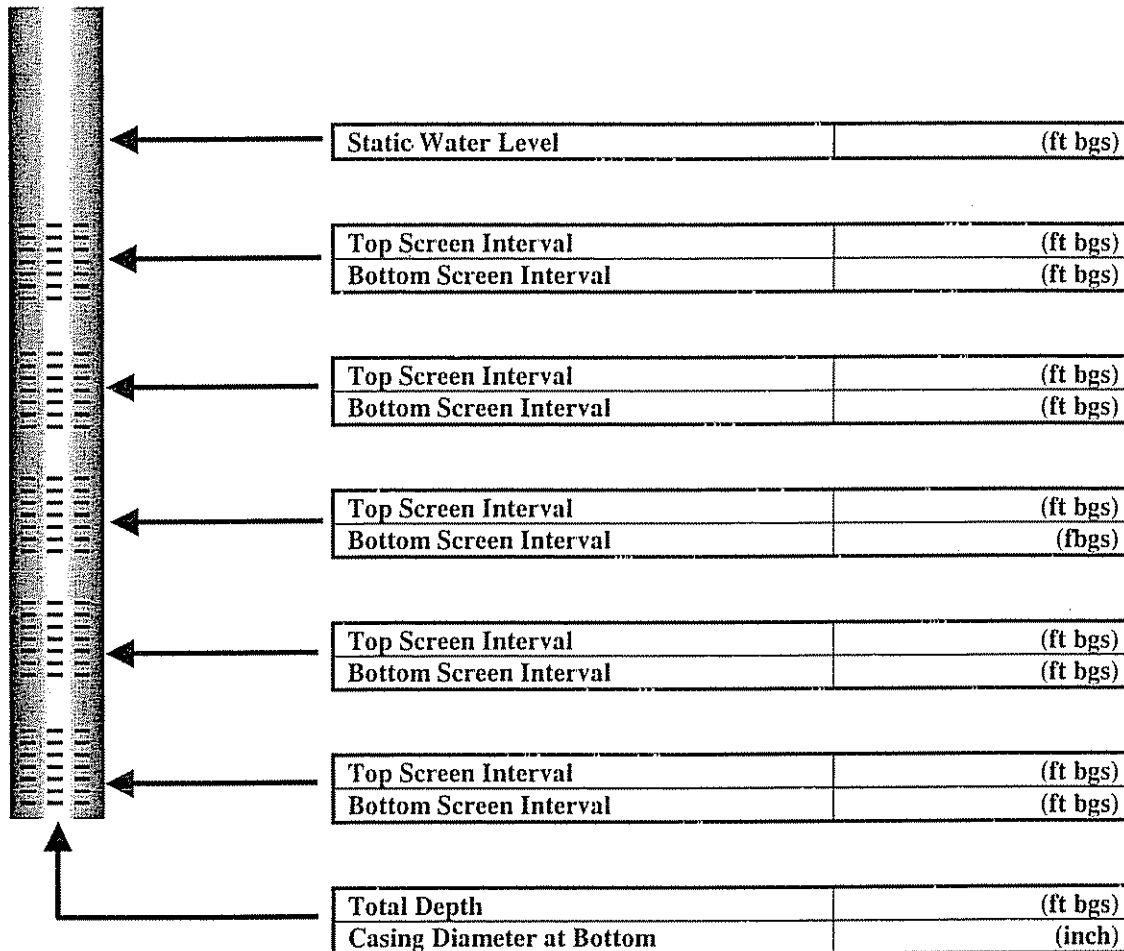
Pump Information

Pump Type	
Electrical Power (kW)	
Motor Size (HP)	
Pump Setting Depth (fbs)	
Discharge Rate (gal/min)	
Discharge Line Diameter (ft)	

Location Map

Photo

Video Log Inspection



Note:

The purpose of this page is to document observations made from inspection of the video log. These observations include depth of screened intervals, general casing and screen condition, specific areas of corrosion and severity of corrosion, total depth, obstructions, etc.

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CHINO BASIN WATERMASTER

III. REPORTS/UPDATES

C. INLAND EMPIRE UTILITIES AGENCY WATER MANAGERS REPORT

2. Recycled Water Program
3. Chino Basin Facilities Improvement Report
4. FY 05/06 Water Conservation Budget
8. State/Federal Legislation Reports
 - a. Daily Bulletin Article on House Approval of HR 802
9. Public Relations Report

**CHINO BASIN WATERMASTER
ADVISORY COMMITTEE
May 24, 2005**

AGENDA

INTER-AGENCY WATER MANAGERS' REPORT

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

20 – 30 Minutes

Discussion Items:

- MWD Status Report – Richard Atwater
- Recycled Water Report – Tom Love
- Chino Basin Facilities Improvement Report – Tom Love
- FY 05/06 Water Conservation Budget – Martha Davis

Written Monthly Updates:

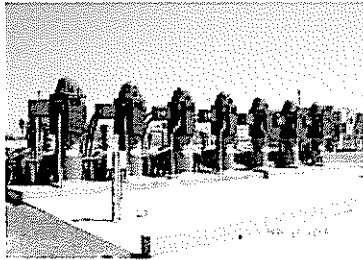
- Water Resources Report (handout)
- Quarterly Recycled Water Report (handout)
- Quarterly Chino Basin Facilities Report (handout)
- State/Federal Legislation Reports
 - Daily Bulletin Article on House Approval of HR 802 (Dreier)
 - Regional Recycled Water Initiative
- Public Relations Report

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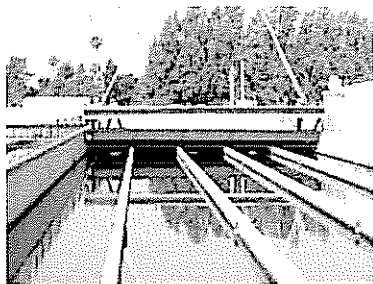


FIRST QUARTER 2005 RECYCLED WATER SUMMARY

Capital Projects Summary



RP-I New Pump Station



RP-I New Chlorine Contact Basin

Phase I - Projects Under Construction

- RP-1/RP-4 Pump Station (Budget \$7,718,000) **COMPLETE**
- RP-1 Chlorination Tank (Budget \$4,817,200) **COMPLETE**
- Pine Avenue Intertie (Budget—Phase I & II \$1,066,000) **COMPLETE**
- Wineville Pipeline (Budget \$2,307,200) **COMPLETE**
Inland Paperboard Packaging will begin taking recycled water in Summer 2005.
- Reliant Pipeline (Budget \$1,115,476) **COMPLETE**
- Philadelphia Pipeline (Budget \$3,591,400) **COMPLETE**
- Whittram Pipeline (Budget \$3,621,000) **COMPLETE**
The Whittram Pipeline will serve recycled water to the Banana and Hickory Basins plus having a turn out to San Sevaine Channel delivering recycled water to the RP-3 and Declez Basins.
- RP-4 West Branch Phase I & II (Budget \$9,688,096)
Phase I, extension from Etiwanda Avenue to Cleveland Avenue, is nearing completion. Phase II, continuing from Cleveland Avenue to Turner recharge basins, is 80% complete. The pipeline will serve recycled water to Turner Recharge Basins, Guasti Park, and Empire Lakes Golf Course as well as other customers in Ontario and CVWD.

Total Budget—Active Projects—\$33,954,371

Phase II - Design and Construction

Phase II of Regional Recycled Water Distribution System includes:

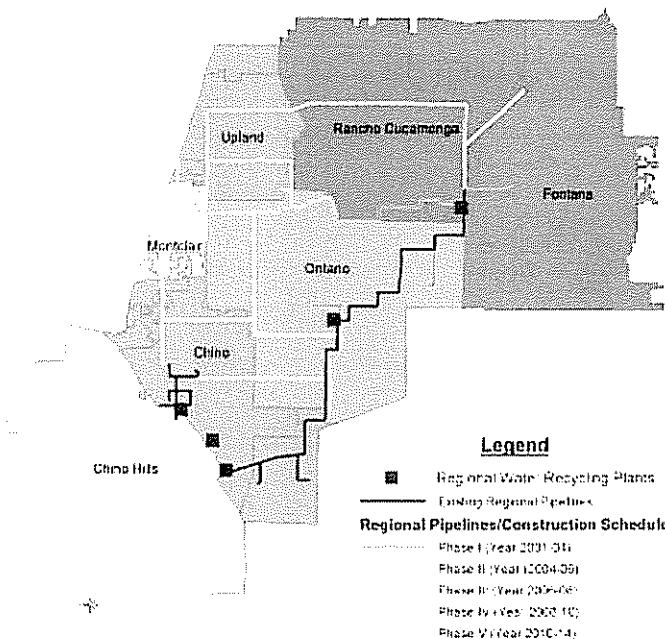
1. RP-4 Area 2 MG Regional Recycled Water Reservoir, Pipeline and Pump Station;
2. North Etiwanda Regional Water Pipeline and Pump Station;
3. RP-1 South Recycled Water Pump Station;
4. San Antonio Channel Recycled Water Pipeline;
5. Victoria Basin Recycled Water Pipeline;
6. Etiwanda Avenue 3 MG Regional Recycled Water Reservoir; and
7. North Etiwanda Avenue Recycled Water Pump Station.

Montgomery Watson was awarded for the design of Phase II on June 16, 2004 and is in the process of designing these facilities.

Projected Budget—\$39,120,000

Construction of Edison-Eucalyptus Regional Recycled Water Transmission Pipeline is underway. This pipeline will interconnect the existing CCWRF and TP-1 Outfall system supplementing additional recycled water supply to meet the growing demand in southern service area serving major agricultural users in Ontario, College Parks in Chino and ultimately many parks and other landscaping customers.

Projected Budget—\$15,700,000



Total Implementation Plan

D	Task Name	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
1	Phase I					\$34,000,000.00											
2	Phase II							\$39,000,000.00									
3	Phase III								\$26,000,000.00								
4	Phase IV									\$23,000,000.00							
5	Phase V										\$22,000,000.00						

Phase I Implementation Plan

D	Task Name	Budget	Actual	Remaining	2004												2005											
					Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct				
1	RP-1/RP-4 Pump Station	\$7,747,999	\$8,165,486	(\$417,487)	[Gantt bar]																							
2	RP-1 Chlorination Tank	\$4,817,200	\$4,812,778	\$4,422	[Gantt bar]																							
3	Pine Avenue Interio	\$1,066,000	\$1,048,436	\$17,564	[Gantt bar]																							
4	Wineville Pipeline	\$2,307,200	\$1,306,433	\$1,000,767	[Gantt bar]																							
5	Reliant Pipeline	\$1,115,476	\$1,115,476	\$0	[Gantt bar]																							
6	Philadelphia Pipeline	\$3,591,400	\$2,659,228	\$932,172	[Gantt bar]																							
7	Whittram Pipeline	\$3,621,000	\$2,797,958	\$823,042	[Gantt bar]																							
8	RP-4 West Branch Phase I & II	\$9,688,096	\$4,067,578	\$5,620,518	[Gantt bar]																							

Phase II Implementation Plan

ID	Task Name	Budget	2005												2006											
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
1	RP-4 Recycled Water Pipeline, Reservoir & Pump Station	\$10,920,000	[Gantt bar]																							
2	North Etiwanda Regional Recycled Water Pipeline	\$72,000,000	[Gantt bar]																							
3	RP-1 Recycled Water South Pump Station	\$3,200,000	[Gantt bar]																							
4	San Antonio Channel Recycled Water Pipeline	\$9,800,000	[Gantt bar]																							
5	Victoria Basin Recycled Water Pipeline	\$2,100,000	[Gantt bar]																							
6	Etiwanda Avenue 3 MG Regional Recycled Water Reservc	\$2,700,000	[Gantt bar]																							
7	North Etiwanda Avenue Recycled Water Pump Station	\$3,100,000	[Gantt bar]																							

Financing Plan

Program Financing Plan:

- Regional Capital Fund 20-25%
- SWRCB Grants 10-15%
- DWR Grant 5%
- Federal Grants 20%
- SWRCB Loans 20-35%

Annual Revenue:

- MWD LPP (Loan Repayment) \$2 Million
- Recycled Water Sales \$4.6 Million

Funding Phase I

- Regional Capital Fund \$7 Million
- SWRCB Recycling Grant \$5 Million
- SWRCB Recycling Loan \$22 Million

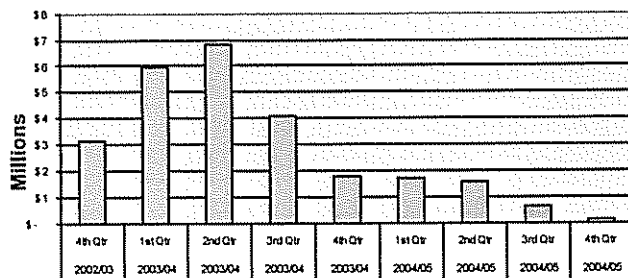
Funding Phase II

- Regional Capital Fund \$2 Million
 - SWRCB Recycling Grant* \$5 Million
 - SWRCB Loan* \$1.1 Million
 - USBR Grant \$7 Million
- *SWRCB Funding application submitted in September 2003 and funding expected in July 2005.

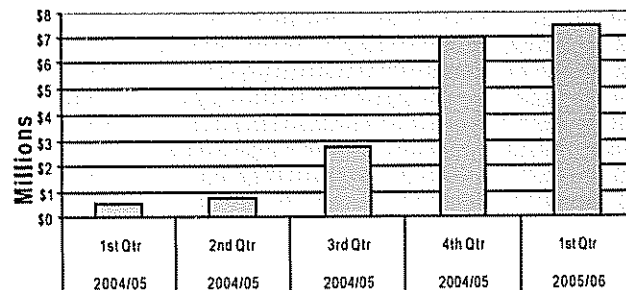
Funding Phase III

- Regional Capital Fund \$2 Million
- SWRCB Loan \$9 Million
- DWR Grant \$7 Million
- USBR Grant \$7 Million

Regional Recycled Water Phase I—Projected Cash Flow



Regional Recycled Water Phase II—Projected Cash Flow



Customer Development

■ Agricultural customers along the TP-1 Outfall line

Mural Farm with over 140 acres of farming land has started to use recycled water for their crops in November 2004. CW Farms II & III located next to Co-Compost and Chino Airport respectively have been connected and expected to use approximately 400 AFY. A connection will be provided to Tee Vee Dairy as early as July 2005. The City of Chino is preparing to provide a recycled water hydrant for Viramonte Express for dust control purpose.

■ NRW (Non-Reclaimable Water) Customers

IEUA staff working closely with the retail agencies are targeting NRW customers. With passing of new pass through rate, these customers potentially save as much as 50% discount on the wastewater discharge in addition to the water bill by converting to use recycled water for their process and irrigation. Many of these industries interviewed are eager to use recycled water not only for the savings, but also for environmental benefits.

■ Targeted Major Customers in 2005

1. Empire Lakes Golf Course (CWWD)
2. Additional Farms on Outfall (Ontario & Chino)
3. Ontario Center Owners Association (Ontario)
4. California Co-generation (Chino)
5. Vellano Golf Course (Chino Hills)
6. CIM (Farming Operation—Chino)
7. Paradise Textile (Chino)
8. Mission Linen (Chino)

■ Consulting services for recycled water program management services

In March 2005, T.R. Holliman and Associates, Inc. has been retained to aid in all aspects of recycled water marketing and program.

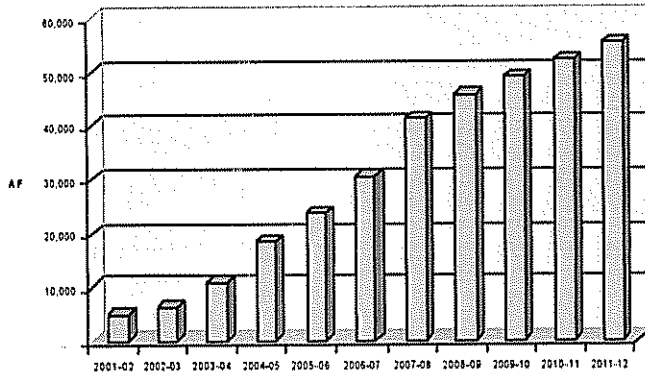


Paradise Textile in Chino

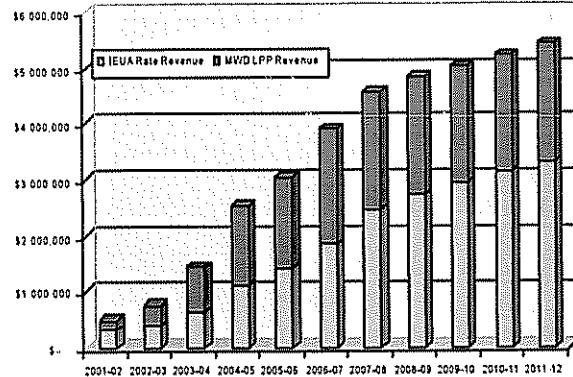
- Paradise Textile signed the letter of commitment to use recycled water on October 18, 2004. Once the recycled water conversion is complete, Paradise Textile will be the first in the nation to fully utilize the recycled water for 100% of the process. DHS has approved the industrial engineering report for use of recycled water in their process. The City of Chino will provide the external retrofit.

Projected Sales & Revenue

Projected Recycled Water Sales

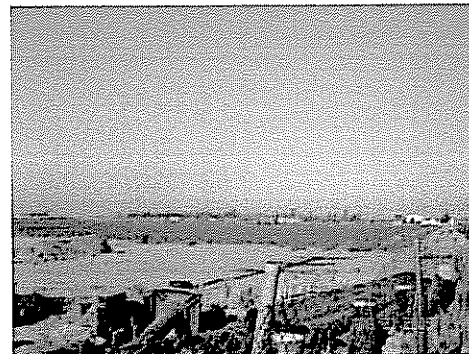


Projected Recycled Water Revenue



Regulatory/Permits

- CEQA—PEIR Certified June, 2002
- CBWM Article X Permit — *Approved* May, 2002
- SARWQCB Basin Plan “Maximum Benefit” — *Approved* January, 2004
- DHS Title 22 Report (Recharge) - *Approved* April, 2005
- SARWQCB Discharge Permit January 2005



Mural Farm

Activity Summary

New Customers in 2004

■ 10 new recycled water customers were connected:

	Estimated Usage (AFY)
CW Farm II & III	500
Lewis Homes Phase I	100
Central Park Industrial Partners	10
Sterling Downs Apartment	3
Cottonwood Dairy	5
Murai Farm	700
Quetico II	2
Denny's Restaurant	5
IEUA Headquarters	10
Total	1,335

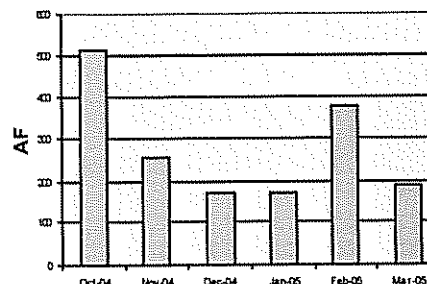
New Customers in 2005

	Expected Connection Date	Expected Usage (AFY)
New Chino Hills High School and elementary school	August	30
Inland Paper Board	September	1,100
Kaiser Hospital	May	100
Mission Linen	December	500
Bakken Property	June	5
Fruit Growers Supply	June	5
CalPoly Pomona in CIM	June/Ph. I—Oct./Ph. II	1,500
California Commerce North & South	November	30
Lewis Homes Phase II	June	20
Empire Lakes Golf Course	July	800
Irrigation Customer along 6th Street	July—August	25
Guasti Park	September	200
Paradise Textile	June	600
City Parks in Chino Hills	August	25
City of Ontario Street Sweeping & Sewer Cleaning	Complete	50
Additional Agricultural Uses	June—December	1,000
	Total	5,990

Potential Customers in 2006

- City of Chino
OLS Energy and College Park (2,500 homes, 2 schools, extension of Ayala Park over 435 acre)
- City of Chino Hills
Vellano Golf Course and Western Hills Golf Course
- City of Ontario
Ontario Mills, Carlisle Tire & Wheel, Cintas I & II, Crothall Laundry, Danco Metal Surfacing, Unifirst, and Agricultural customers
- City of Rancho Cucamonga
Metal Coaters of California, Steelscape, Tamco
- City of Fontana
California Steel, Sierra Aluminum, and Pacific Forge

Recycled Water Sales



Delivery Period	2004	2005
Ist Quarter	769	736
Year to Date	769	736
FY Total	4,087	4,006
Budget		8,290

Operation & Planning

- RP-1/RP-4 Pump Station was commissioned successfully. The pumps will remain on standby until more recycled water customers are connected.
- On April 20, CCWRF recycled water system was shutdown for 8 hours. This shutdown was to accommodate the installation of new chemical induction system and the tie-in of the 10" filtrate line being converted to recycled water to serve Mission Linen and to inter-tie RP-2 with CCWRF.

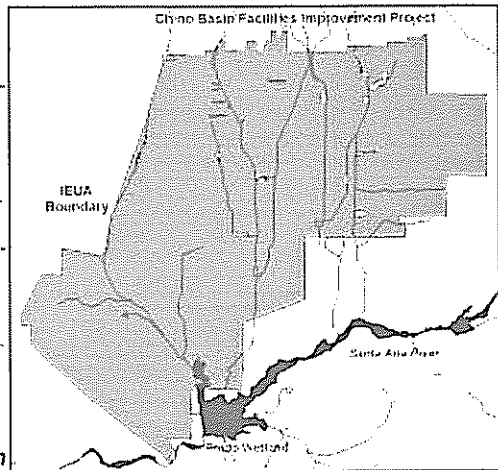


RP-1 Landscape

FIRST QUARTER 2005 CHINO BASIN FACILITIES IMPROVEMENT PROJECT SUMMARY

Program Description

The American Society of Civil Engineers (ASCE) award winning Chino Basin Facilities Improvement Program (CBFIP), a joint effort of the Chino Basin Watermaster (CBWM), the Chino Basin Water Conservation District (CBWCD), the Inland Empire Utilities Agency (IEUA), and the San Bernardino County Flood Control Department (SBCFCD) is well under way with seven bid packages being constructed. IEUA was selected as the "Contracting Agency", established financing for the CBFIP through grants from the Santa Ana Watershed Project Authority (SAWPA) under Proposition 13 in June 1999. The CBFIP is a system comprised of activation of two Metropolitan Water District turnouts from the Rialto Pipeline and construction of a new turnout on the Etiwanda Intertie; modifications to several flood control channels conveying imported water, storm water and recycled water with five rubber dams and three drop inlets diversion structures in the flood control channels to divert the water to the 18 groundwater recharge sites. The 18 sites have 38 recharge basins varying from 1 to 5 sub-basins at the respective sites. The groundwater recharge sites, when fully developed will have a total annual recharge capacity of 120,000 to 170,000 ac. ft.; 20,000 to 25,000 of storm water; 80,000 to 120,000 ac. ft. of imported water; and 20,000 to 25,000 ac. ft. of recycled water.



Key Highlights:

- Approximately 14,600 AF of stormwater was recharged last winter with an estimated value of over \$3 million.
- The project is expected to finish in June 2005 slightly under budget.
- The recharge program will continue beyond the Facilities Improvement project with an additional \$5 million grant from DWR.

The construction of the CBFIP is in seven phases, with different contractors, totaling \$38,700,000.

Project Purpose:

The purpose of the project is to provide storm water, recycled water and imported water recharge facilities improvements required to increase groundwater recharge in the Chino Basin and

Project Participant:

- Inland Empire Utilities Agency (Lead, Contracting Agency)
- Chino Basin Watermaster
- San Bernardino County Flood Control District
- Chino Basin Water Conservation District
- SAWPA

Design and Construction Management Team:

- Tettermeyer & Associates (Design Consultant)
- Black & Veatch/IEUA (Program & Construction Management)
- URS/Twining-Govil-Ryan (Geotechnical Consultant)

Bid Package No. 1 (Budget \$8,250,000)

Bid Package No. 1 includes six basins: Banana Basin, College Heights Basins, Lower Day Basin, RP-3 Basins, Turner Basin No. 1, Turner Basins No. 2, 3, & 4

- The IEUA Board of Directors accepted as complete Bid Package No. 1, May 12, 2004.

Bid Package No. 2 (Budget \$7,020,000)

Bid Package No. 2 includes three basins: Declerz Basin, Ely Basins 1, 2, & 3, and 8th Street Basins; four rubber dams: College Heights (San Antonio Channel), Lower day Basin (Day Creek Channel), RP-3 Basins (Declerz Channel), Turner Basin No. 1 (Cucamonga Channel); and three drop inlets: Brooks Basin (San Antonio Channel), and Turner Basins 2, 3, & 4 (Deer Creek Channel).

- The IEUA Board of Directors accepted as complete Bid Package No. 2, August 18, 2004

Bid Package No. 3 (Budget \$3,800,000)

Bid Package No. 3 includes the construction of 11,000 linear feet of 36' diameter pipeline in Jurupa Avenue from the Jurupa Basin at Mulberry Avenue to Beech Avenue at the RP-3 Basins.

- The IEUA Board of Directors accepted as complete Bid Package No. 3, January 12, 2005

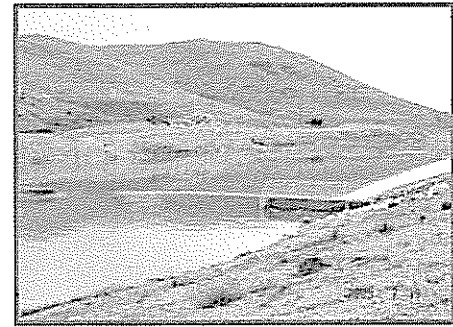
Bid Package No. 4 (Budget \$2,270,000)

- Bid package No.4 consists of constructing (1) a canal and 100 linear feet of 48" pipe to convey water to (2) the Jurupa Pump Station and (3) 400 lineal feet of 36" diameter cement mortar lined & coated (CML & C) steel pipe force main for delivering water to the 36" Jurupa Pipeline (BP No. 3).

(Continued on page 2)

(Continued from page 1)

- The Jurupa Basin Pump Station was bid November 20, 2003 and was awarded December 3, 2003. The "notice to proceed" was issued at preconstruction meeting held February 19, 2004. Construction started on February 20, 2004. The wet well is complete. Work on the canal from the Jurupa turnout to the pump station is complete; the pump house building and piping are underway; work is 99% complete.
- SBCFCD has committed to constructing a section of the San Sevaine concrete channel with a drop inlet and pipeline to deliver stormwater, imported water, and recycled water to Jurupa Basin that will be pumped to the RP-3 Basins and the Declez Basin. The drop inlet is schedule for completion December 2005. The remainder of the San Sevaine Channel between Valley Boulevard to the Jurupa Basin drop inlet will be an open channel until funds are available to complete channel lining.
- Test run on April 5, 2005 was completed



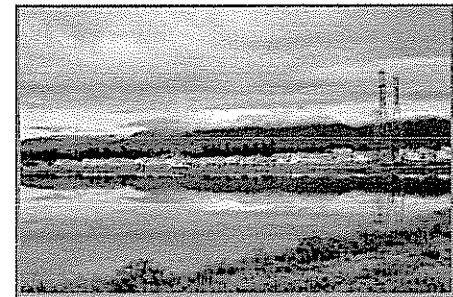
Declez Basin



Lower Day Basin

Bid Package No. 5 (Budget \$3,860,000)

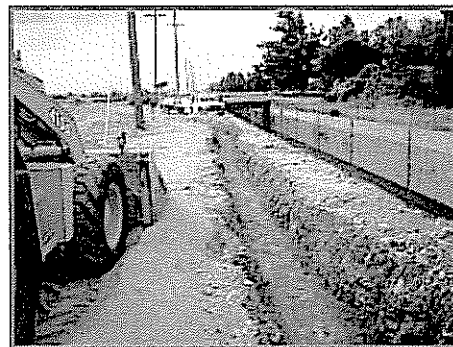
- Bid Package No. 5 includes the SCADA system consisting of radio controls to monitor and govern water levels in all the basins, control the drop inlets and rubber dams. Four monitoring sites will be established at the CBWM, CBWCD and SBCFCD offices with the master controls located at RWRP-1. The SBCFCD offices will have a satellite control station.
- DenBoer began construction at the RP-3 site on March 18, 2004. The contractor has established SCADA communication at 98% of the sites and is awaiting completion of Bid Package No. 7 projects to connect the remaining sites.
- The construction period is 242 calendar days. Estimate work is 90% complete.
- Substantially complete date: May 30, 2005; an extension of 42 day awarded due to rain delays and delays on other bid packages.



RP-3 Basin No. 4

Bid Package No. 6 (Budget \$1,450,000)

- Bid Package No. 6 includes the MWD CB Turnouts No. CB-11, CB-15 and a new connection on the Etiwanda Intertie @ Station 211 + 47 now designed as CB-18.
- The Bid for redevelopment of the two existing MWD turnouts and development of a new turnout from the Etiwanda Intertie CB-18T@ location 211+47 was awarded February 4, 2004 to Griffith Construction, Inc. The letter of Notification to Proceed was issue on March 19, 2004.
- IEUA pre-purchased butterfly and sleeve valves to expedite the project. The valves have been installed at each of the three MWD locations.
- CB-11 was tested October 7, 2004 at flow of 40 cfs; the turnout functioned perfectly.
- Eilar & Associates completed the acoustical survey for noise level investigation of sleeve valves and determined there was no impact.



Montclair Basin Trenching for SCADA

(Continued on page 3)

(Continued from page 2)

- The construction period is 193 calendar days. Estimate work is 99% complete.
- Substantially complete date: February 15, 2005; acceptance by the IEUA Board is expected on May 18, 2005. Rain delays on other contracts have extended this bid package 45 days.

Bid Package No. 7 (Budget \$3,040,000)

- Bid Package No. 7 consists of the RP-3 mitigation project, Hickory Basin manifold and pump station plus a rubber dam in the San Sevaine Channel diverting water to Hickory Basin: discharge pipeline and appurtenances to Banana Basin, improvements to Victoria Basin and SCADA module.
- Bid Package No. 7, was awarded to Brutoco Engineering & Construction, Inc. by the IEUA Board of Directors, July 21, 2004. Notice to proceed was given August 6, 2004. Construction is well underway.
- The construction period is 150 calendar days. Rain delays have extended the project 40 days.
- Substantially complete date: January 31, 2004

Equipment Purchase

- Due to increased construction costs the equipment considered for purchase will be limited to:

Equipment to be Purchased

- Safety grates for gate opening \$7,500

- The equipment pre-purchased for various bid packages included:

Pre-purchased Equipment

1. Rubber Dams, 5 ea.	\$885,479
2. Sleeve valves 3 each and butterfly valves 3 each	\$264,941
3. Pickup, 1 ea.	\$22,455
<hr/>	
Subtotal	\$1,172,815
Total—Recommended Projects & Equipment	\$1,180,315

Cost Savings Achieved

RP-3 Site

- Dispatch Trucking has removed the 400,000 cubic yards of stock piled dirt from RP-3 site Cell No. 2. The hauling was completed in August 9, 2004. The saving from this is \$2,400,000 (\$6.00/cu.yd. X 400,000 cu.yd.)
- Clay materials washed into the Victoria Basin during the December 25, 2003 flooding has transported to the RP-3 Mitigation Site and placed the material to seal the bottom of the wetlands portion of the site. Estimated savings by not purchasing Bentine clay is \$75,000.

Victoria Basin

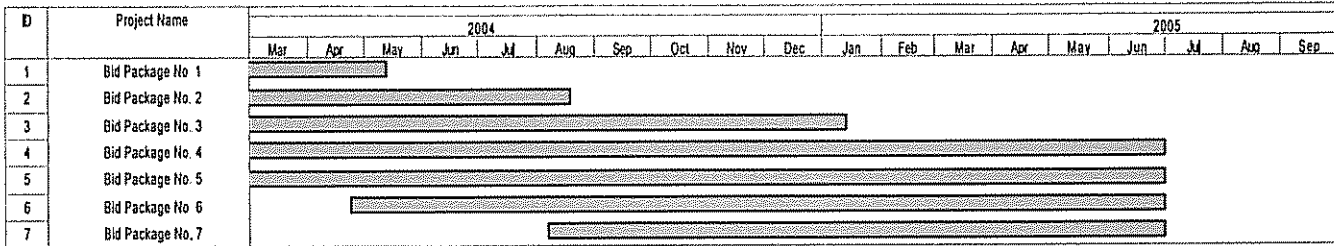
- Dispatch Trucking has excavated the 100,000 cubic yards. of soil from the floor of the Victoria Basin which will ultimately save \$600,000 (\$6.00/cu.yd. X 100,000 cu.yd.)

Total Estimate savings: \$3,075,000

DWR Grant for Future Recharge Improvements

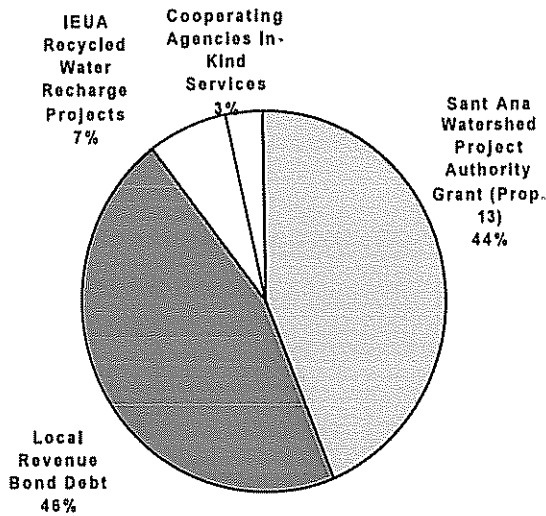
- IEUA and Watermaster are in the process of executing a grant agreement with DWR (Prop. 13 Funding) for additional recharge improvements. The estimated DWR grant amount is \$5.2 million.

CBFIP Active Projects Construction Schedule



Project Financing

- Santa Ana Watershed Authority Grant (Prop. 13) \$19 Million
- Local revenue bond debt \$19.7 Million
- Cooperating Agencies in-kind Services \$1.5 Million
- Future DWR Grant \$5.5 Million

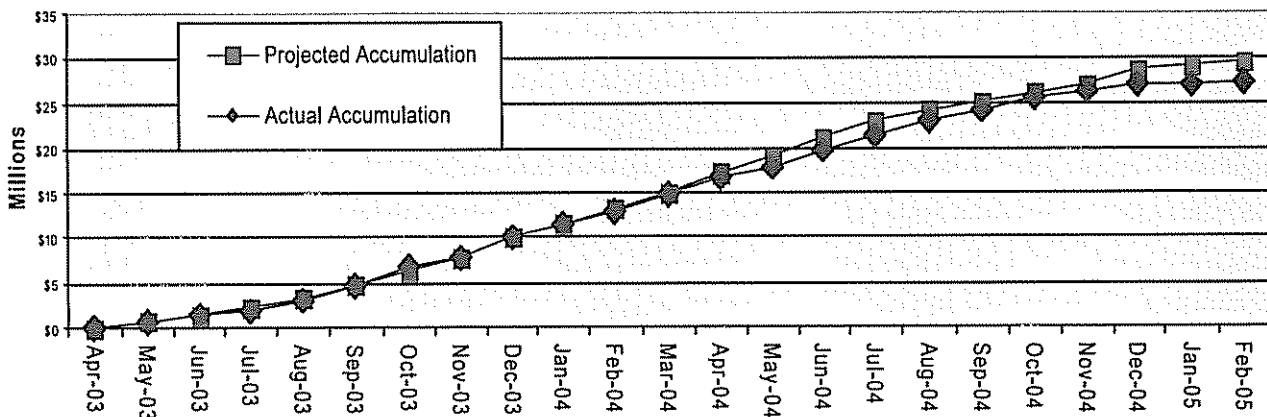


Project Summary

Construction Phase	Estimated Cost	Budget
Bid Package No. 1	\$8,250,000	\$8,250,000
Bid Package No. 2	\$7,020,000	\$7,020,000
Bid Package No. 3	\$3,800,000	\$3,800,000
Bid Package No. 4	\$2,270,000	\$2,300,000
Bid Package No. 5	\$3,860,000	\$3,870,000
Bid Package No. 6	\$1,450,000	\$1,450,000
Bid Package No. 7	\$3,040,000	\$3,000,000
Non-Construction Cost*	\$8,400,000	\$9,000,000
Total Budget**	\$38,090,000	\$38,700,000
Expenditure To Date	(\$35,014,000)	

*Includes equipment purchases, engineering administration, and cooperative contribution from other agencies.
 **does not include \$5.5 million DWR grant.

Projected vs. Actual Costs



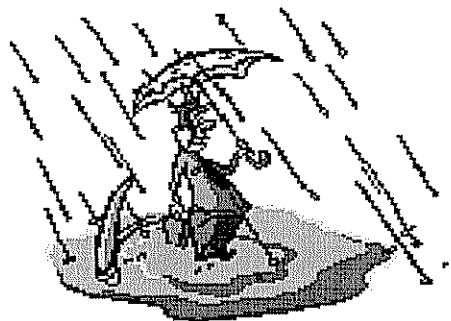
Chino Basin Watermaster
Advisory Committee
and
Board of Directors
May 2005

FY 05/06

Regional Water Conservation Budget



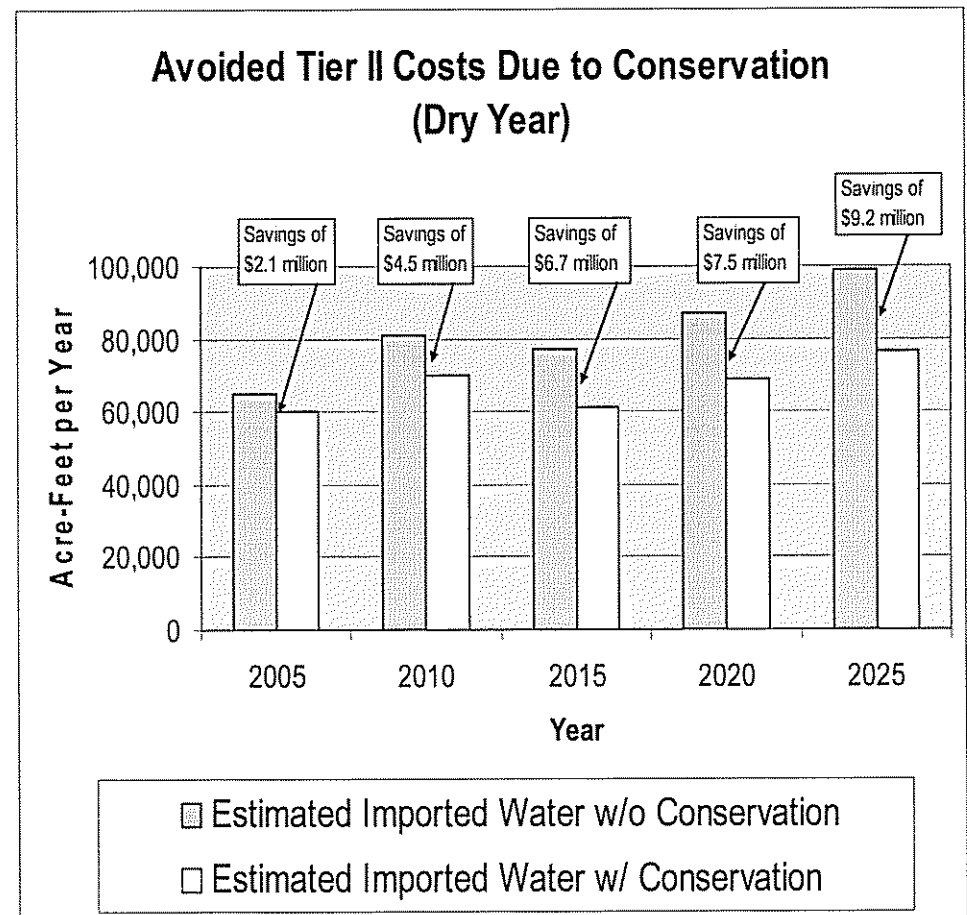
Situation



- ❑ Imported water purchases in calendar year 2004 stayed within Tier 1 through conservation, increased recycled water and groundwater pumping and record rainfall in November and December.
- ❑ Future water demands are increasing due to the region's record rate of growth.
- ❑ The IEUA service area will likely stay within Tier 1 in calendar year 2005 as a result of the wet spring in combination with continued water conservation, and increasing use of recycled water and groundwater supplies.
- ❑ MWD has increased its rate for Tier 2 untreated water by \$15, effective January 2006 (from \$412/AF to \$427/AF).

Consider

- Every \$1 invested in conservation saves \$3 in Tier 2 imported water costs.
- Conservation is a very cost-effective way to meet future growth needs.
- IEUA, working in collaboration with its retail agencies, is developing new supplies through water efficiency programs that will help residential, retail and commercial customers conserve water and energy and save money.



FY 2005-2006 Conservation Program Revenues

■ IEUA Funding	
■ <i>\$4/acre-foot Imported Water Surcharge (no change)</i>	<i>\$ 380,000</i>
■ <i>IEUA Retail Meter</i>	<i>54,000</i>
■ <i>IEUA Property Taxes (no change despite ERAF shift)</i>	<i>75,000</i>
■ <i>Regional Sewage Program</i>	<i>50,000</i>
■ <i>IEUA Chino Basin Green</i>	<i>5,000</i>
■ <i>IEUA Communications (conservation and related ads)</i>	<i><u>50,000</u></i>
	<i>\$ 609,000</i>
■ Grants (MWD, State, Federal-USBR)	<i>\$1,200,000</i>

No changes in rates or budgeted revenues

Regional Conservation Programs Offered Through IEUA and Retail Agencies

- Residential Programs
 - Ultra Low Flow Toilets Rebates (single family and multi-family)
 - High Efficiency Clothes Washer Rebates
 - California Friendly Model Home Program
 - California Friendly Redevelopment Home Program (based upon Ontario Cares)
 - Landscape Audits and Irrigation Controller Rebates
 - California Friendly Landscape Classes (Protector Del Agua)

- Commercial/Industrial/Institutional Programs
 - Water Efficiency Rebates (water brooms, restaurant pre-rinse spray head nozzles...)
 - Landscape Audits and Irrigation Controller Rebates

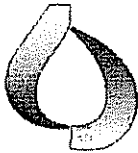
- Public Education Programs
 - School Presentations (National Theatre for Children)
 - Garden in Every School
 - Water Education/Water Awareness Committee Programs (WEWAC)
 - Conservation Information and Promotional Ads

- Retail Agency Support Programs
 - Best Management Practices Support Grants/California Urban Water Conservation Council Dues
 - Chino Basin Water Conservation District Earth Day Event

FY 2005-2006

Conservation Program Priorities

- Build Upon Current Conservation Initiatives
- Expand Outdoor Conservation Programs
 - Landscape Audits for Residential and CII sites
 - Garden In Every School Program
 - Residential Landscape Workshops
 - California Friendly Model Home and Redevelopment Programs
 - Promote Use of Recycled Water, Storm water and compost
- Expand Multi-Family Direct Install Ultra-Low Flow Toilets
- Increase marketing, outreach and rebate incentives for Commercial, Industrial and Institutional Conservation Program
- Expand collaboration with MWD, Chino Basin Watermaster, Chino Basin Water Conservation District, local Agencies and SAWPA to enhance programs and coordinate conservation message



Inland Empire
UTILITIES AGENCY

Date: May 18, 2005

To: Honorable Board of Directors

Through: Public, Legislative Affairs & Water Resources Committee
(5/11/05)

From: Richard W. Atwater
Chief Executive Officer/General Manager

Submitted by: Martha Davis
Executive Manager of Policy Development

Subject: April Legislative Report from Agricultural Resources

RECOMMENDATION

This is an informational item for the Board of Directors to receive and file.

BACKGROUND

Dave Weiman provides a monthly report on his federal activities on behalf of IEUA.

PRIOR BOARD ACTION

None.

IMPACT ON BUDGET

None.

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Agricultural Resources

635 Maryland Avenue, N.E.
Washington, D.C. 20002-5811
(202) 546-5115
(202) 546-4472-fax
agresources@erols.com

April 28, 2005

Legislative Report

TO: Richard W. Atwater
General Manager, Inland Empire Utility Agency

FR: David M. Weiman
Agricultural Resources
LEGISLATIVE REPRESENTATIVE, IEUA

SU: Legislative Report, April 2005

Highlights:

- ① **Feinstein Introduces IEUA Recycling Bill**
- ② **Pombo Indicating Prompt Action on Dreier Bill**
- ③ **DWR Releases B-160 Report on CA Water Future**
- ④ **IEUA Participates in Senate Energy Committee Water Symposium**
- ⑤ **Energy and Resource Committees Reviewing BuRec Priorities, Recycling**
- ⑥ **Congress Moving on Interior, EPA and Army Nominations -- DOI Water and Science Slot Still Unfilled**
- ⑦ **Feinstein Perchlorate, Domenici Technology and Drought Relief Bills Pending**
- ⑧ **House Water and Power to Hold Desal Hearings in late May**
- ⑨ **IEUA Working Partners**

Senator Feinstein Introduces IEUA/CVWD Water Recycling Bill – Committee Action Sought. Senator Dianne Feinstein introduced, in the Senate, the IEUA and Cucamonga Valley Water District water recycling bill that Rep. David Dreier is advancing in the House – and immediately asked the Senate Energy Committee to take up the bill. A strong floor statement was made and press release issued, highlighting the importance and significance of the issue.

This is consistent with Feinstein's statement at MWD – with CALFED passed, her next water priority is water recycling.

Pombo Indicating Prompt Action on Dreier Water Recycling Bill. Resources Committee Chairman, Richard Pombo (R-CA), is indicating that the Dreier will be scheduled for consideration by the full House in the coming weeks. This bill passed the House unanimously in the last Congress and is expected to do so again this year.

DWR Draft B-160 Report – In the Near-Term, New California Water Supplies to Come from Urban Efficiencies, Groundwater Storage and Water Recycling – CALFED Contribution – less than 4%. Last month, I reported on the new DWR B-160 Report. That report has now been officially released. According to DWR, Urban Water Efficiencies, Groundwater Storage and Water Recycling represent probably 90+% of new water supplies for California. Surface storage, and specifically CALFED storage was itemized is projected to account for less than 4% of the new supplies over an unspecified time period (2010, 2015, 2020?). And as highlighted previously, the amount of CALFED water to be developed is, in the DWR draft, is approximately 100,000 af – almost exactly the amount of water IEUA and CVWD will from the water recycling program within the IEUA service area!

Senate Energy Committee Water Symposium – IEUA's Atwater Participates. On April 5, the Senate Energy Committee held a Water Symposium in a packed hearing room. It's a special event that is designed to broadly define a "water agenda" for the Committee. IEUA GM Atwater made a presentation on behalf of IEUA and the WaterReuse Association. The Committee focused on six major policy questions – covering broad categories of issues such as the role of the Bureau of Reclamation in the 21st Century, drought, conservation and technology, water supply and resource management coordination, and related matters. Atwater highlighted how partnerships work – drawing interest and praise from Chairman Domenici.

Senate Energy and House Resources Committee Review of BuRec Funding Priorities and Title XVI. A direct result of the Symposium, Chairman Domenici's staff took the initiative to bring together the House and Senate committee staff on a bi-partisan basis. As ranking minority member on House Water and Power, Rep. Napolitano, from the IEUA service area, was represented in the meeting. A full review of Bureau of Reclamation spending priorities is now underway with the outside assistance of the Congressional Research Service. Questions are being raised in Congress, on both sides, as to what BuRec is doing with \$1 billion annually and 6,000+ employees – with the underlying question being – can more funds be made available for Title XVI water recycling projects.

Congress Moving on Administration Nominations – Still Waiting for Nomination for DOI Assistant Secretary, Water and Science. The new EPA Administrator, Steve Johnson, was just confirmed. The nomination of Lynn Scarlett to be Deputy Secretary at DOI is pending, as is the nomination of J.P. Woodley, to be Assistant Secretary of the Army for Civil Works (Corps). Another key position, Assistant Secretary of the Interior for Water and Science, which

oversees the Bureau of Reclamation remains vacant. No nomination has been made yet.

Pending Bills – Feinstein Perchlorate Cleanup, Domenici Technology and Drought Bills Pending. Senator Feinstein continues to work on a perchlorate cleanup bill. Discussions have been occurring with State and Federal agencies, water districts, including IEUA, and other Senators. The bill is being evaluated either as a national bill or California-only bill. Senator Domenici continues to work on his major technology bill. The Colorado River drought has “shifted” to the Pacific Northwest. While precipitation on the Colorado River is strong, the deficits from previous years remains significant.

House Water and Power Scheduling Hearings on Desal for Late May. The Subcommittee on Water and Power will hold a legislative and oversight hearing, probably the same day, in late May on Desalination. How broad or limited the hearing is has not been fully determined. Meetings with the subcommittee are scheduled for early May to discuss this.

IEUA Continues to Work With Various Partners. On an on-going basis in Washington, IEUA continues to work with:

- a. Metropolitan Water District of Southern California (MWD)
- b. Milk Producer's Council (MPC)
- c. Santa Ana Watershed Project Authority (SAWPA)
- d. Water Environment Federation (WEF)
- e. Association of California Water Agencies (ACWA)
- f. WateReuse Association
- g. CALStart
- h. Orange County Water District (OCWD)
- i. Cucamonga Valley Water District (CVWD)
- j. Western Municipal Water District
- k. Chino Basin Watermaster
- l. Others

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Inland Empire
UTILITIES AGENCY

Date: May 18, 2005
To: Honorable Board of Directors
Through: Public, Legislative Affairs & Water Resources Committee
(5/11/05)
From: Richard W. Atwater
Chief Executive Officer/General Manager
Submitted by: Martha Davis
Executive Manager of Policy Development
Subject: April Legislative Report from Copeland and Associates

RECOMMENDATION

This is an informational item for the Board of Directors to receive and file.

BACKGROUND

Letitia White provides a monthly report on their federal activities on behalf of IEUA.

PRIOR BOARD ACTION

None.

IMPACT ON BUDGET

None.

RWA:MD:jbs
G:\board-rec\2005\05161 April Leg Report from Copeland and Associates

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Copeland Lowery Jacquez Denton & White LLC

Specializing in Government Relations

MEMORANDUM

TO: Martha Davis
Inland Empire Utilities Agency (IEUA)

FROM: Letitia White, Alyssa Le Sage

RE: Monthly Appropriations Legislative Report

DATE: April 26, 2005

During the month of April, on behalf of IEUA, our ongoing work with the offices of Congressman David Dreier (R-Glendora), Jerry Lewis (R-Redlands), Joe Baca (D-San Bernardino), Gary Miller (R-Brea), Grace Napolitano (D-Santa Fe Springs), Ken Calvert (R-Riverside) along with Senators Feinstein and Boxer has continued to advance IEUA's legislative agenda. After submitting IEUA's \$5 million appropriations request for the Inland Empire Regional Water Recycling Project to these Congressional Members, the offices in turn submitted the project to the House & Senate Energy & Water appropriations subcommittee for consideration for federal fiscal year 2006 (FY06).

Fiscal Year 2006 Budget and Appropriations

On Thursday, April 22 the Senate approved an \$81.26 billion FY05 supplemental spending bill that is significantly different in some respects from the House version and the Bush administration request, particularly in the area of domestic appropriations. The vote was 99-0.

The measure would primarily fund military operations in Iraq and Afghanistan, as well as relief for Indian Ocean countries recovering from the Dec. 26 tsunami.

The White House is pressing for a swift agreement; however, the conference committee faces difficult decisions to reconcile funding priorities, and Republican leaders will also be forced to handle divisive immigration matters included in the bill.

The House and Senate Appropriations committees also want to put the supplemental behind them to focus on FY06 appropriations. New Chairmen in both chambers have pledged a more efficient and transparent process than in previous years. House Appropriations Chairman Lewis is prepared to begin the markup process in early May under an FY06 spending target of \$843 billion, with or without a budget resolution.

At present, the House Appropriations Committee has scheduled to mark-up in subcommittee, full committee and complete floor consideration of four bills before Memorial Day Recess, including: Agriculture, Energy & Water, Homeland Security, and Military Quality of Life.

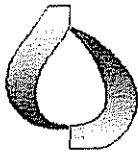
Republican leaders have set a deadline for a budget resolution by the end of April, when the Senate begins a weeklong recess. The budget provides an overall discretionary spending cap for the appropriations panels, as well as entitlement spending and tax cut targets for inclusion in a filibuster-proof reconciliation package.

Inland Empire Regional Recycling Project Authorization Bill

H.R. 802, which amends the Reclamation Wastewater and Groundwater Study and Facilities Act to authorize the Secretary of the Interior to participate in the Inland Empire regional recycling project and in the Cucamonga Valley Water District recycling project, has been referred to the House Resources Subcommittee on Water & Power. Rep. George Radanovich (R-Fresno) who represents the Central Valley, chairs the Subcommittee. The lead Democrat with the subcommittee is Grace Napolitano (D-Santa Fe Springs) and co-sponsor of the legislation.

Senator Dianne Feinstein introduced the bill's Senate counterpart, S.746 on April 11th, where it was referred to the Senate Committee on Energy and Natural Resources. Senator Feinstein is a member of the Committee.

#



Inland Empire
UTILITIES AGENCY

Date: May 18, 2005

To: Honorable Board of Directors

Through: Public, Legislative Affairs & Water Resources Committee
(5/11/05)

From: Richard W. Atwater
Chief Executive Officer/General Manager

Submitted by: Martha Davis
Executive Manager of Policy Development

Subject: April Legislative Report from Dolphin Group

RECOMMENDATION

This is an informational item for the Board of Directors to receive and file.

BACKGROUND

Michael Boccodoro provides a monthly report on his activities on behalf of the Chino Basin/Optimum Basin Management Program Coalition.

PRIOR BOARD ACTION

None.

IMPACT ON BUDGET

None.

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Chino Basin / OBMP Coalition

Status Report – April 2005

ENERGY/REGULATORY

Critical Peak Pricing

On April 21, the CPUC issued a decision on the implementation of Critical Peak Pricing on non-residential customers for Summer 2005. The decision was amended shortly before adoption.

The original draft decision would have ordered Southern California Edison to suspend its General Rate Case in order to incorporate rate design changes as outlined by the draft decision. The adopted decision, however, deleted this order and instead requires SCE to file rate design changes in the Critical Peak Pricing proceeding in August 2005.

Mandatory critical peak pricing remains dead. Specifically, the decision orders SCE to incorporate default critical peak pricing tariffs on all customers with demand greater than 200 kW. Any customer may choose to opt out of the default rate, without penalty or a hedging premium, to a normal time-of-use ("TOU") rate. The decision further orders that SCE file revised TOU rates that narrow the peak period to 2:00 PM- 6:00 PM, and implement additional TOU periods as appropriate. These revised TOU rates must be made "revenue-neutral" to the current rate designs.

The utilities will file the revised rate design on August 1, 2005. DGI will continue to monitor this proceeding and will be pursuing additional exemptions if appropriate.

Biogas Net Metering

On April 26, the Assembly Utilities and Communication Committee approved AB 728 (Negrete-McLeod D-Chino) on an 11-0 vote. AB 728 is co-sponsored by IEUA, the Chino Basin Coalition, and Western United Dairymen.

The amendments, as requested by the Committee, include:

- Expanding the statewide megawatt limit from 15 to 50;
- Increasing the maximum project size from 1 MW to 10 MW;
- Extending the program sunset from 2006 to 2010;
- Requiring a report back to the legislature on the performance of the program.

DGI continues to work with representatives of the dairy industry and the utilities to further amend the legislation. Although Pacific Gas & Electric had indicated that they would be opposing the measure, at the hearing they indicated willingness to work with parties to resolve issues and move the bill forward.

AB 728 will now be considered by the Assembly Appropriations Committee. The measure must be approved by the committee by May 27th.

Water District Self-Generation (Implementation of SB 1755)

On April 8, the Administrative Law Judge (“ALJ”) in this proceeding contacted DGI and stated that this proceeding should resume shortly.

At the prehearing conference held last January, the ALJ indicated that she would be ordering the parties to supply additional information on their prospective issues with the implementation of SB 1755. DGI will supply additional testimony as directed by the ALJ when this proceeding resumes.

Southern California Edison General Rate Case

Southern California Edison has filed its application for its next General Rate Case. The new rates stemming from the last GRC became effective on April 14th.

In Phase I of this proceeding, Southern California Edison has requested a 10.01% base revenue requirement increase. This would raise the annual revenues collected by the utility from \$3.69 billion to \$4.06 billion. Intervenors will be filing testimony in June, and a decision is slated for approval by the Commission in December 2005.

Phase II will follow immediately after a Phase I decision. In Phase II all rate design and class-specific revenue requirement issues will be litigated. A decision in Phase II is expected in late 2006.

SCE Standard Performance Contract – Demand Response Initiative

Chino Basin Coalition intervened in this proceeding to maximize demand reduction funding opportunities for IEUA and other CBC members. The California Public Utilities has issued a draft decision in this proceeding. Despite the fact that SCE intended to allow direct access customers to utilize this supplemental program, the draft decision rules that due to the fact that the funding for this program comes from procurement funds, that direct access customers will not be eligible to participate.

SCE, in filed comments, pointed out the funding source for this program was in fact through the non-bypassable Public Purpose Programs fee, and that the draft decision should be amended to appropriately make DA customers eligible for the program. DGI similarly supplied a letter to the commission in support of this change. DGI will be pursuing all avenues to get the decision clarified prior to its adoption.

The draft decision will be voted on at the May 5, 2005 CPUC meeting.

LEGISLATIVE

Energy

The legislative energy policy committees worked in earnest throughout April, considering a vast array of measures that effect energy markets.

- AB 380 (Nuñez D-Los Angeles)
This measure will mandate resource adequacy requirements on all providers of electricity, including direct access providers. It was approved unanimously by the Assembly Utilities and Commerce Committee.
- AB 1704 (Richman R-Northridge)
This measure, sponsored by the Schwarzenegger Administration, would create a core/noncore system for electricity, essentially reopening direct access for larger customers (defined in this measure as customers/accounts with individual or aggregated demand greater than 200 kW). This measure passed out of the Assembly U&C Committee on a 7-2 vote.
- SB 1 (Murray D-Los Angeles)
This measure is also sponsored by the Schwarzenegger Administration, and would create a "Million Solar Homes" initiative, adding 3,000 MW of residential roof-top solar generation by 2018. Costs for this initiative are estimated at \$2 billion. The bill was held over by the Senate Energy, Utilities and Communications Committee on April 26th, for consideration on May 3.

Public Utility Agencies

- AB 1397 (Arambula D-Fresno)
This legislation would require public agencies pursuing eminent domain action against investor-owned utilities to demonstrate clear and convincing evidence that the utility has failed to comply with rules and regulations. The measure would greatly restrict the ability of public agencies to successfully litigate eminent domain actions against private utility companies.

Due to the opposition of multiple parties to this measure, Assemblymember Arambula decided to abandon the measure.

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Inland Empire
UTILITIES AGENCY

Date: May 18, 2005

To: Honorable Board of Directors

Through: Public, Legislative Affairs & Water Resources Committee
(5/11/05)

From: Richard W. Atwater
Chief Executive Officer/General Manager

Submitted by: Martha Davis
Executive Manager of Policy Development

Subject: April Legislative Report from Geyer and Associates

RECOMMENDATION

This is an informational item for the Board of Directors to receive and file.

BACKGROUND

Bill Geyer and Jennifer West provide a monthly report on their state activities on behalf of IEUA.

PRIOR BOARD ACTION

None.

IMPACT ON BUDGET

None.

RWA:MD:jbs
G:\board-rec\2005\05163 April Leg Report from Geyer

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MEMORANDUM

TO: Rich Atwater and Martha Davis
FROM: Jennifer West
DATE: April 29, 2005
RE: April Legislative Report

Legislative Update

Please see the attached bill lists for April. Many of the bills on the "watch" list missed the deadline this week for passing out of policy committee. These bills cannot move forward in this year of the Legislative session without a rule waiver and are indicated on the lists as "two year bills."

As indicated on the "positions" list, I have recommended the agency support SB 820 (Kuehl). IEUA has been working with the author's staff to craft acceptable amendments for Southern California. The bill, as recently amended, represents many of these changes and is significantly improved from the introduced version. For example, the author removed the provision that would have made the UWMP subject to CEQA. She also removed a "rebuttable presumption" provision that declared water users were wasting water, as defined, unless they could prove otherwise. The groundwater provisions, the most controversial sections of the bill, are already in place in Southern California. Other supporters of the bill include MWD, Calleguas, San Diego Water Authority and the Southern California Water Committee.

Cal-Fed Financing

All month members of the Assembly and Senate budget committees have been grappling with the adoption of a Cal-Fed budget. For now, the very ambitious \$8 billion ten-year financing plan, approved by Cal-Fed in January, seems to be on hold. That plan called for \$2.4 billion in water utility fees and greatly depended on increased future federal funding. Rather than adopting this controversial finance plan, the Legislature is trying to come up with a "bare bones" budget for Cal-Fed that will get it through the 05/06 budget year, and then require the subsequent adoption of a "realistic" ten-year financing strategy.

However, even the adoption of a "bare bones" budget presents significant challenges. There are no available general fund monies and the Cal-Fed portion of Proposition 50 seems to be spent or is unavailable for funding the "core Cal-Fed projects". The vast majority of existing funding is Proposition 50 funds and other bond funds. IEUA will continue to monitor the budget hearings for possible redirection of bond funds or new prioritization in the next round of grants toward "core Cal-Fed projects."

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**Inland Empire Utilities Agency
Position List
April 29, 2005**

Bill	Summary	Position	Status
AB 371 (Goldberg) Recycled Water	<p>Water recycling omnibus bill sponsored by WaterReuse.</p> <ul style="list-style-type: none"> • Establishes a general WDR for the use of recycled water for the following activities: incidental runoff of recycled water from irrigated sites and impoundments, fire fighting and dust suppression. Recent amendments allow a RWQCB to issue individual permits if site specific conditions warrant. • Requires the SWRCB to establish a fee schedule for POTWs that provide incentives for water recycling. • Allows firefighters to use recycled water to fight "catastrophic" fires without filing an engineers report. • Requires that after 2007, all pipes installed for nonpotable water uses as part of a state construction project be purple pipe that is suitable for the conveyance of recycled water. <p>The bill passed out of Water Parks and Wildlife Committee unopposed.</p>	Support	Assembly Approps.
AB 728 (Negrete- McLeod) Net metering	<p>Sponsored by IEUA. Removes the 2006 sunset for the net metering program. Raises the facility cap on net metering from 1 megawatt to 10 megawatts. Caps the statewide net metering program at 50 megawatts. The bill passed out of its Assembly policy committee without any "no" votes. PG and E raised objections to the 10 MW cap and requested that an expanded program only pertain to agricultural customers.</p>	Support	Assembly Approps.
AB 342 (Baca) Perchlorate fee	<p>Legislative intent to authorize DTSC to assess a fee on products that contain perchlorate, as determined by DTSC, and to expend those funds to treat drinking water wells contaminated with perchlorate. Recommend the water quality committee of Watermaster review the legislation when the bill is in a more complete form. The author has asked IEUA for its support.</p>	Water Master reviewing	Two year bill
AB 1354 (Baca) Perchlorate	<p>Requires DHS to establish an MCL for perchlorate of 6 ppb to be phased in over a period of 2 years commencing January 1, 2006. Includes intent language to require persons or entities found responsible for perchlorate contamination of drinking water to pay the cost of</p>	Water Master reviewing	Two year bill

	removing the contamination. The public health goal (PHG) for perchlorate is now set at 6 ppb and DTSC and the RWQCB are generally using 6 ppb as a regulatory standard. Having the legislature establish an MCL for perchlorate, or any contaminate, would circumvent the established DHS process and further politicize issues surrounding perchlorate and other contaminants.		
AB 1259 (Daucher)	Requires county auditors to increase property tax revenues to specified "qualified cities and counties" by a "housing bonus" amount and correspondingly reduce a like amount of property tax revenues from special districts.	Oppose	Two year bill
SB 376 (Soto and Margett) Three Valleys	Clarifies the ability of Three Valleys MWD to implement its lawfully adopted standby charge pursuant to a schedule of adjustments that was approved prior to the enactment of Proposition 218. City of Claremont is opposed.	Support	Senate Local Gov 5/4
SB 393 (Ortiz) Special District Governance	Major amendments were taken before the legislation was heard in Senate Local Government Committee this month. As amended, the bill still only applies to special districts, singling them out for special "ethics" legislation. And the bill only allows reimbursements at the state rate for traveling expenses. (\$84 a day.) As amended, the bill is still heavily opposed by special districts. The preferred alternative is AB 1232 (Salinas), (see watch list).	Oppose	Senate Approps.
SB 820 (Kuehl) Water	Proposed major changes in the numerous water code statutes. <ul style="list-style-type: none"> • Establishes factors to be considered in determining the "reasonableness" of a water use, or method of diversion. These factors include the feasibility and reasonableness of the costs of conserving water. The economic, social and other benefits of conserving water. Whether water that could be conserved currently serves a downstream beneficial purpose. These amendments were offered by MWD to replace the previous "rebuttable presumption" language that IEUA also objected to. • Requires that DWR produce a biennial SWP reliability report. The statute parallels the language used in the Monterey Agreement settlement. • Allows the executive director of the SWRCB to declare a stream system a candidate for being declared fully appropriated. Removes the current hearing process for candidacy. • Extends the current groundwater reporting 	Recommend support	Senate Approps.

	<p>requirements in place in Southern California to the rest of the state. This will require all groundwater pumpers of more than 25AF a year to report their use to the SWRCB. If they fail to file the report, they will lose their water rights. This penalty provision in current law in Southern California. Kuehl will be holding stakeholder meetings on this section of the bill.</p> <ul style="list-style-type: none"> • In preparing the UWMP, requires public agencies to coordinate the preparation of the plan with public utilities that provide electric or gas service. Requires that the UWMP quantify the amount of energy both produced by and required by existing and planned water sources. Also requires a public agency preparing the plan to hold an additional scoping meeting before the UWMP is prepared. • Requires every agricultural water supplier to prepare and adopt an “agricultural water management plan”, as defined, by 2010. <p>MWD, Southern California Water Committee and numerous environmental groups are supporting the bill. IEUA has been working closely with the author to resolve the most pressing issues for Southern California.</p>		
<p>SB 926 (Florez) Sewage Sludge</p>	<p>As introduced, the bill banned exports of sewage sludge to all counties. As recently amended, the bill bans imports of “sewage sludge” into Kern County only by 2006. The bill is opposed by Southern California Alliance for Publicly Owned Treatment Works, CASA and many other sanitation agencies and local governments.</p>	<p>Oppose</p>	<p>Senate E.Q.</p>

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**Inland Empire Utilities Agency
Watch List
April 29, 2005**

Bill	Summary	Status
Groundwater		
AB 579 (Emmerson) Groundwater	Spot bill on groundwater.	Two year bill
AB 1453 (Daucher) Groundwater: Venue of judges	Specifies that the superior court having venue in cases involving "the right to produce groundwater" shall be the superior court that is closest to the parcel of land at issue. Does not allow a party to challenge the judge that is assigned to the groundwater case. Requires the Judicial Council to promulgate special rules governing such actions, in consultation with the presiding judges, DWR and SWRCB.	Two year bill
SB 773 (Cox) Recharge	Excludes treated water from the definition of "waste" in the Water Code if the treated water meets state and federal drinking water standards and is recharged into a groundwater basin by means of a recharge facility, as defined.	Two year bill
Water Rights/Water Transfers		
AB 580 (Emmerson) Water transfers	Spot bill on wheeling.	Two year bill
SB 31 (Florez) Water Rights Filing	Revises the SWRCB's water rights filing system and fees. Intended to allow General Fund monies to be used to fund water rights programs, actions, or proceedings that involve protection of the public interest, natural resources or the environment.	Two year bills
SB 240 (Margett) Water Rights	Spot bill on water rights.	Two year bill
Special District Governance		
AB 1234 (Salinas) Local agency governance	Applies to special districts, cities and counties. Allows compensation to members of a "legislative body" for attendance at a meeting of a legislative body, a meeting of an advisory body and a conference. There is no specified rate of compensation. Requires all local agencies to adopt a written policy regarding reimbursements. Requires board members to receive ethics training. ACWA in support.	Senate
SB 274 (Romero) Local Offices	Provides that service on a local appointed or elected governmental board, commission, committee or other body is inconsistent, incompatible, and in conflict with services on another local elected body if either of the bodies may audit, overrule, remove members of, dismiss employees of, or exercise supervisory powers over the other in any circumstances.	Assembly

	ACWA amendments were taken that make it clear that a local elected official can also serve on a water district board without a conflict.	
Cal-Fed/Delta/ Flood Protection		
AB 1244 (Wolk) Cal-Fed	Conforms the authorizing statutes for the California Bay-Delta Authority with federal statutes enacted in 2004. Sponsored by the Authority.	Assembly Local Gov. 5/4
AB 1245 (Wolk) EWA	Establishes the Environmental Water Account (EWA) in the state treasury. Requires the Secretary of Resources to administer the EWA. Monies in the account would be expended to protect delta fishery resources and improve water supply. Supported by MWD.	Assembly Approps.
AB 1200 (Laird) Delta Levees	Requires the DWR to evaluate the potential impacts on water supply derived from the Delta resulting from subsidence, earthquakes, floods and climate change. Requires DWR and DFG to evaluate options and present them to the Legislature by 2005. It is an urgency bill.	Assembly Approps.
AB 1665 (Laird) Flooding	DWR Sponsored. Creates a Central Valley Assessment District that would assume liability for future Paterno-like cases.	Assembly Appros.
ACA 13 (Harman)	DWR sponsored. Exempts flood control activities from the Prop. 218 2/3 vote requirement. They are considering including storm water control activities in the bill.	Assembly Local Gov.
SB 113 (Machado) Cal- Fed User Fee	Requires the Bay-Delta Authority to include a "beneficiary pay principle" when approving and making recommendations on programs and long-term expenditure plans. Defines "public benefits", "shared benefits" and "private benefits". MWD is in opposition. EBMUD in support.	Senate APPROS.
Energy/ "Green" Buildings		
AB 177 (Bogh) Biomass conversion	Revises the definition of "biomass conversion" to mean the controlled combustion, thermal conversion, chemical conversion or biological conversion, other than composting, of biomass waste used for producing electricity, heat or a reconstituted product that meets the quality standards for use in the marketplace.	Two year bill
AB 32 (Pavley) Greenhouse Gas Emissions	Commits the state to coordinate greenhouse gas emissions programs with other states and regions until a national program is established to limit global warming gases. Requires the state to adopt procedures and protocols for monitoring and estimating greenhouse gas emissions for a variety of activities including municipal solid waste disposal.	Senate
AB 701 (Nava) State Buildings:	Requires that all public buildings, on which construction or renovation is begun on or after Jan. 1, 2006, to attain a LEED	Two year bill

LEED	Platinum rating, no later than 2015. There was massive opposition to this bill from manufacturing interests and timber interests and it was pulled from calendar.	
Habitat/Water Bonds		
AB 798 (Wolk) Bond Funds	Authorizes a bond for the 06 ballot to finance water quality, watershed and flood management activities. Amount of the funding is unspecified.	Assembly Toxics
AB 1269 (Pavley) Bond	Enacts the Clean Air, Clean Water, Coastal Protection and Parks Bond Act of 2007. The bill does not specify a total bond amount or amounts within categories. Funding categories include a water quality section and a water quality subsection specifically to reduce water pollution from dairy operations. Other water-related funding categories include integrated watershed management and river protection.	Assembly Approps.
SB 863 (Florez and Perata) Air bond	\$5.1 billion air bond for the 2006 ballot. Includes \$400 million to support projects that will reduce air pollution from agricultural activities, including the development of biogas digestion power production technologies.	Senate Approps.
SB 153 (Chesbro) Habitat Bond	\$3 billion park bond, largely on the Prop. 40 model, with block grants going to state conservancies for habitat purposes.	Senate Approps. Suspense
Special District Finances		
AB 1146 (Huff) Exchanges of property tax	Intent language to authorize a county, and cities within that county, to "negotiate in good faith" to exchange allocations of ad valorem property tax revenues between the county and those cities. Does not mention special district share.	Two year bill
AB 1590 (Lieber) Non- enterprise functions	Limits the amount of the property tax shift for those special districts that conduct both enterprise and nonenterprise functions.	Assembly Approps.
AB 1596 (Emmerson) Multi-county	Exempts a certain type of multi-county special district from the property tax shift of last year. Probably only applies to Yucaipa in Emmerson's district. States that the Controller must ensure that this exemption does not result in additional property tax shifts for any other special district.	Assembly Approps.
ACA 7 (Nation) Taxation	Changes the 2/3 voter-approved requirement to authorize a city, county or special district to impose a special tax with only 55% of the voters.	Assembly Local Gov 5/7
SB 483 (Cedillo) Special Districts	Spot bill on special district finance.	Two year bill
SB 554 (Alarcon) Surplus	Legislative intent to provide a "clearer" definition of the term "surplus" with respect to local government financing and budgets.	Two year bill

SB 568 (Kehoe) Hospital exemption	Exempts hospital districts, as defined, that contain no hospitals, from the property tax shift enacted last year. Most hospitals districts were exempted from the legislation last year, but apparently not the districts that do not contain hospitals. Recent amendments specify that the reductions shall not increase the ERAF shift for special districts for the 05/06 fiscal year.	Senate Approps. Suspense file
Water Conservation/UWMP		
AB 501 (La Malfa) UWMP	Requires a city or county that undertakes an environmental restoration project, wildlife restoration project or conservation easement transfer to identify any public water system that is, or may become a supplier or water for that project, and to determine if the water requirements of the project are included as part of the UWMP.	Two year bill
AB 703 (Houston) Recycled Water	Spot bill on recycled water.	Two year bill
AB 802 (Wolk) UWMP	Sponsored by PCL. A "work in progress" bill to address the land use decisions associated with flooding.	Assembly Approps.
AB 1724 (Villines) Reclamation	Authorizes a RWQCB to require a recycled water permittee or a water district to meet "reasonable water quality standards" during a period of excessive rainfall based on other factors determined by a process modeled on the APA.	Two year bill
SB 409 (Kehoe) General Plans	Sponsored by the Attorney General's office. Requires that the portion of the conservation element that includes waters be "correlated" with the land use element. Term is undefined in code.	Senate Approps.
SB 866 (Kehoe) Water	Requires DWR, in consultation with SWRCB, to develop, implement and maintain a coordinated water use database and standards web-based reporting forms for diverted surface water. It also requires DWR to report certain water use information to the Legislature. Would require by 2010 that agricultural and urban water use be measured and included in the database. Sponsored by CBDA.	Senate Natural Resources
Contaminates/Water Quality		
AB 340 (Parra) Arsenic levels	Requires DHS to study the economic impact on rural counties of meeting the new federal drinking water standards for arsenic contamination.	Two year bill
AB 492 (Baca) Perchlorate reports	Requires a "business concern" that handles or otherwise uses perchlorate in the course of its operations, to submit a report to DTSC by 2007 and annually thereafter, detailing the manner in which the perchlorate waste is disposed.	Assembly Approps.
AB 495 (Montanez) WDR	Legislative intent regarding the imposition of penalties for failure to comply with WDRs.	Assembly Approps.
AB 672 (Klehs)	Requires a public agency owning reservoirs larger than 2,500 AF	Assembly

Water reservoirs	to prepare and adopt watershed or recreation master plans that balance recreation and watershed protection.	Approps.
AB 1168 (Saldana) Boron	Requires OEHHA to perform a risk assessment and develop a PHG for boron by 2007 and would require DHS to adopt a primary drinking water standard for boron by 2008.	Assembly Approps.
SB 187 (Soto) Cleanup and abatement orders	Requires the SWRCB or RWQCB to include in a cleanup and abatement order the provisions of, or payment for, uninterrupted replacement water service to each affected public water supplier or private well owner.	Senate Approps.
SB 474 (Runner) Water Quality	Spot bill on water quality.	Two year bill
SB 623 (Aanestad) WDR	Spot bill on WDRs.	Two year bill
SB 646 (Kuehl) WDR Waivers	Prohibits the SWRCB or a RWQCB from granting a waiver for a discharge into an impaired water body. Requires that waiver holders be charged an annual fee. Requires that all annual fees for waiver holders be adequate to pay for the waiver program. Many agricultural activities statewide and in the Chino Basin are subject to a waiver. In general, the dairies in the Chino Basin are subject to an NPDES permit and therefore have been paying an annual fee for two years since AB 10X was signed into law.	Senate Approps. 5/2
SB 729 (Lowenthal) SWRCB	Requires numeric limitation for stormwater discharges and a host of other water quality enforcement measures.	Two Year Bill
SB 1070 (Kehoe) Waivers	Requires the SWRCB to post on its website information on permits requirements, WDRs, waivers, reports and enforcement actions. Requires CALEPA and the Resources Agency to enter into an MOU to establish the California Water Quality Monitoring Council to be administered by the SWRCB.	Senate Approps.
SB 1067 (Kehoe) Arsenic	Requires DHS, by 2007, to adopt regulations requiring the notification of customers by a public drinking water system to levels of trihalomethanes (THMs) that exceed the public health goal. Allows a public water system to include the indicated information in the annual consumer confidence report.	Senate Approps.
MWD/SWRCB/Misc.		
AB 1128 (Blakeslee) RWQCB	Sponsored by the California Farm Bureau. Specifies which actions RWQCB members can participate in. Currently, agricultural RWQCB members are disqualified from acting on regional permits or issues in which they own land. This bill	Assembly Approps.

	would allow them to participate in regional decisions, but not on decisions that affect their own land.	
AB 1423 (Bogh) MWD	Intent language to enact legislation relating to the purposes for which the budgets of metropolitan water districts, formed under the Metropolitan Water District Act may be utilized.	Two year bill
AB 1727 (Aghazarian) SWRCB: WDRs	SWRCB sponsored. Requires the SWRCB to appoint an executive officer for each RWQCB. Each EO would report to the executive director of the SWRCB. EOs would be responsible for the issuance, modification and revocation of WDRs. Any appeals would be made to the executive director of the SWRCB. Reduces the number of RWQCB members from 9 to 7. Changes the two public positions to one public position.	Two year bill

INLAND VALLEY

Daily Bulletin

TUESDAY | MAY 17, 2005

Tuesday, May 17, 2005 **A5**

House approves water-recycling bill

Measure would bring \$30M here

By Lisa Friedman
Staff Writer

WASHINGTON — For the second time in two years, the House gave a unanimous thumbs up to a \$30 million water-recycling initiative in the Inland Empire.

Last year, the legislative clock ran out before the Senate could take up the measure. But supporters said Monday they are optimistic it will hit President Bush's desk this time around.

"We're thrilled that it passed the House," said Richard Atwater, general manager of the Inland Empire Utilities Agency. "We're very hopeful that it will be approved by the Senate so it can be enacted into law."

The bill authorizes a 10 percent federal match to state and local funding for two new water recycling projects in the Inland Empire expected to produce 100,000 acre-feet of water annually.

Water officials have said that relying on recycled water will

help meet the demands of growth, especially as the cities of Chino and Ontario develop former dairy land into homes.

Rep. David Dreier, R-Glendora, who sponsored the bill, said recycling is critical to preventing water shortages.

"This legislation means we will use less water from the Colorado River and Northern California, and will produce benefits like improved water quality from the Santa Ana River watershed," he said in a statement.

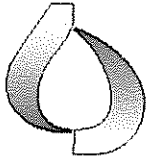
The legislation authorizes \$20 million for the first project and \$10 million for the second.

It passed by voice vote as part of a separate water bill. Its supporters included local Reps. Ken Calvert, R-Riverside; Gary Miller, R-Brea; Joe Baca, D-San Bernardino; and Grace Napolitano, D-Santa Fe Springs.

Atwater called recycling "the most cost-effective new supply in California."

Staff writer Joe Florhowski contributed to this report. Lisa Friedman can be reached by e-mail at lisa.friedman@inlandnews.com or by phone at (951) 662-8731.

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Date: May 18, 2005

To: The Honorable Board of Directors

Through: Public and Legislative Affairs and Water Resources
Committee (05-11-05)

From: Richard W. Atwater
Chief Executive Officer/General Manager

Submitted by: Sondra Elrod
Public Information Officer

Subject: Public Outreach and Communications

RECOMMENDATION

This is an informational item regarding a status update on public outreach and communications.

BACKGROUND

Outreach/Tours

- May 2005, 4 page 'Living Here' ad promotion in the Inland Valley Daily Bulletin
- May 2005, 2 page "Water Awareness" ad promotion in the Inland Valley Daily Bulletin
- May 5, 2005, Tour of IEUA's LEED HQ by MWD's Leadership Southern California group
- May 6, 2005, Tour of IEUA's LEED HQ by Korean delegation

Calendar of Upcoming Events

- May 7, 2005, Regional ULF toilet distribution, California Speedway
- May 14, 2005, Cucamonga Valley Water District Water Awareness Day from 11 a.m. to 2 p.m.
- May 18, 2005, Dedication of the Garden in Every School at Grant Elementary School in Fontana 2:45 p.m.
- May 25, 2005, Leadership Breakfast 7:30 a.m.
- June 4, 2005, Chino Dairy Festival from 9 a.m. to 4 p.m.

PRIOR BOARD ACTION

None

IMPACT ON BUDGET

None



CHINO BASIN WATERMASTER

IV. INFORMATION

1. Newspaper Articles

Inland Valley Daily Bulletin

Pipeline project will keep Chino Hills lush

**By AMY FRYE
STAFF WRITER**

Thursday, April 21, 2005 - A six week project to install pipelines that will bring recycled water to the open spaces south of Soquel Canyon Parkway in Chino Hills, was completed last week, ahead of schedule.

Assistant city engineer, Steve Nicks, said that while residents probably won't notice a difference now that the 3,000 feet of pipe has been installed, the major benefit of the Slate Drive recycled waterline project is conservation.

"The biggest benefit is water conservation and not using domestic water where it doesn't need to be used," Nicks said.

This new pipeline, which has always been on the city's agenda, will work in conjunction with a pump station that is being built on Soquel Canyon Parkway to bring recycled water to landscaped areas south of the road. The pump is being constructed to boost water pressure, allowing the pipes to bring water from one area to another.

"Without the pump station we don't have adequate pressure to serve the area we're in," Nicks said.

Once the pump is online, the system will be converted to use recycled water.

The city of Chino Hills has had recycled water since 1996, and Nicks said that as the infrastructure of pipes grows the city will be able to access more of it.

"There is no shortage of recycled water, it's simply a matter of gaining access to it," Nicks said.

In this particular area the development was built before access to recycled water was available.

Recycled water, which has been filtered and chlorinated at a sewage plant, is used mainly in the lower end of Chino Hills in large landscape areas, such as the open spaces and parks.

Nicks said the city tries to use recycled water for irrigation where ever possible because it is cheaper and lessens the need for domestic water.

Most of the city's open space doesn't require irrigation, because the vegetation there grows naturally, but any open space within private developments does require irrigation, and those within the Los Serranos area will benefit from this new pipeline.

The city is not saving money beacust this project finished early, but thanks to the speedy work of the contractor, Robert Castongia Inc, residents are less impacted by lane closures and construction disturbances.

Another pipeline project is in the works for the Los Serranos community. The city plans to begin construction in late summer for upgrades to domestic water pipelines in order to bring all waterlines in the area up to standards.

Designs are still being finalized, but the main focus of this project will be to replace the original four to six inch waterlines with the current eight inch regulation pipes.

The larger pipe diameter will help with fire flow protection, provide adequate water source and supply for residents, and hopefully prevent pipe failure in future.

"The system isn't old, but we don't want it to fail," Nicks said.

Nicks said the city will be replacing the original steel or cast iron pipes that can degrade over time with new PVC pipes that last 100 years.

Residents probably won't notice a difference once this project is completed either, but they will benefit from increased fire protection and a sufficient, dependable water supply.

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 - Society
 - Lottery

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- Dodgers / MLB
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- Kings / NHL
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- USC
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- NFL
- Special Reports
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- Prep Sports
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EMAIL ARTICLE LINK TO ARTICLE PRINT ARTICLE

Article Published: Thursday, April 21, 2005 - 8:45:00 PM PST

State OKs recycled water for aquifer

By Naomi Kresge and Mason Stockstill
Staff Writers

State authorities have authorized local water agencies to pump recycled water back into the groundwater basin that serves Inland Valley cities from Pomona to Fontana.

Authorities applauded the decision to make the area served by the Chino Groundwater Basin less reliant on expensive imported water.

"We're actually introducing a new source of water into the Chino Basin, a source of water that's ongoing. It's plentiful, and it's reliable," said Kenneth Manning, chief executive officer of the Chino Basin Watermaster. "That's a landmark event. As this basin valley is growing, we're continuing to look for new sources of water beyond just our groundwater."

The move is part of a broader program that will eventually pump a blend of imported water, recycled water and storm water back into the basin, a 235-square-mile sediment-filled depression that holds the primary water supply for about 750,000 people.

Manning said authorities expect the population that draws its drinking water from the basin will eventually rise to 1 million.

People already draw more water out of the aquifer than natural runoff can replenish each year, Manning said. The excess must be replaced to keep the basin at sustainable levels.

And using recycled water helps local water districts save money, said Robert DeLoach, chief executive officer of the Cucamonga Valley Water District.

That's because recycling water can cut down on the amount of water that must be imported from, in the case of the Chino Basin, Northern California. DeLoach said imported water costs local agencies almost twice as much as local groundwater.

Approved April 15 by the Santa Ana Regional Water Quality Control Board, the first step of the recycled water replenishment process will pump about 8,000 acre-feet of water into the basin.

An acre-foot of water is generally enough to supply two households for a year.

Currently, wastewater treated by Inland Empire Utilities Agency plants is used to recharge groundwater basins in Orange County, said Tom Love, the agency's executive manager of engineering and planning.

The water board's approval means that water can now be used in the regular water

OTHER ARTICLES IN THIS SECTION

4/22/2005

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- Sax man is gone, but he's not missing from Pomona plaza
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- Local group to patrol San Diego border
- 9-year-old boy hit by slow-moving mini van
- Pedestrian dies after roadside collapse
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- West Nile virus spreads human-to-human
- Fontana man stabbed in Seville park dies
- Officials seek kin of dead Upland man
- Meeting to focus on Wyle investigation
- State Senate OKs Steiner Memorial act
- Appeals court drops death sentence
- Seniors fight for benefits
- People willing to pay price of travel
- Bremer defends efforts in Iraq
- Ontario program celebrates 2.115th home completion
- Pomona mayor takes 2-3 weeks for anemia
- Chaffey touts two vocational programs
- Church's expansion on minds of neighbors
- Pageant contestants have to master riding and written exams
- Police veteran gets La Verne chief job
- Chino Hills sheriff's station may rent CVUSD school site
- Play auditions set for Saturday in Upland

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The agency's treated recycled water meets all standards for drinking water, Love said. The water pumped into the recharge basins will be cleaned further before it comes out of anyone's faucet.

"In many cases, it's better" than regular groundwater, which can have trace levels of contamination, he said. "This is certainly cleaner than that contaminated water. In many cases, it will improve the water quality of the basin."

IEUA is upgrading 20 groundwater recharge basins, and recycled water will be pumped there beginning as early as June, Love said.

In the coming years, the agency will launch a second phase intended to recapture even more recycled waste water instead of discharging it into the ocean, he said.

Eventually, the program aims to pump up to 22,000 acre-feet of recycled water back into the basin -- serving the equivalent of 44,000 households.

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Armed Services panels put brakes on defense enviro language

Ben Geman, *E&E Daily* reporter

The Senate Armed Services Committee has blocked the Bush administration's bid to transfer cleanup authority for several Energy Department nuclear sites to the National Nuclear Security Administration, and the House appears likely to follow suit, aides say.

And the same Senate panel has again thwarted Pentagon efforts to win waivers from several environmental statutes, and aides say the House Armed Services Committee appears unlikely to provide the long-sought flexibility under the environmental laws when it marks up defense authorizing legislation this week.

A summary of the \$441.6 billion fiscal year 2006 defense authorization bill released Friday by the Senate Armed Services Committee notes the bill directs DOE's Office of Environmental Management to "retain responsibility for legacy cleanup activities."

The Bush administration's proposed FY '06 budget had included plans to transfer cleanup of seven sites already managed by the NNSA, including Lawrence Livermore National Laboratory, the Pantex Plant and Sandia National Laboratory. More cleanup transfers are planned in future years for NNSA sites, according to DOE budget documents.

The NNSA is a semiautonomous agency within DOE that oversees weapons and nonproliferation programs, including the weapons labs.

The administration had claimed that transferring the cleanups from DOE's environmental management office to NNSA made sense because the semiautonomous agency already runs the sites, and hence the transfer would integrate the management and cleanup of the sites.

But critics have alleged in recent months that NNSA would not provide enough focus on cleanup. "It would be deprioritized at NNSA behind their weapons work," said Jim Bridgeman, program director for the Alliance for Nuclear Accountability, a watchdog group. "We are happy Congress is recognizing the merits of our argument that NNSA should not have jurisdiction over cleanup."

An aide to one Democratic member of the committee said lawmakers did not want to "fragment" cleanup within DOE. Keeping all the duties within the Office of Environmental Management would allow "unity of effort, unity of command, unity of resources," the aide said.

House aides say language transferring the authority did not make it into subcommittee markups last week and was unlikely to surface when the full House Armed Services Committee marks up the bill Wednesday.

Floor action is expected on the Senate bill during the week of May 23.

Defense exemptions also in trouble again

The Senate bill also does not allow military facilities extra time to comply with the Clean Air Act and waivers from certain pollution from the Resource Conservation and Recovery Act and Superfund that the military has said are needed to ensure readiness (*E&E Daily*, May 11).

The provisions are strongly opposed by a coalition of environmental groups, water utilities, local and state government officials and other stakeholders.

House aides say the provisions -- the most vocally opposed of several changes to defense environmental policy the Pentagon is seeking -- are also not likely to be included in the House bill. "We are happy the big three are gone," said Heather Taylor of the Natural Resources Defense Council, referring to provisions allowing relief from the Clean Air Act, RCRA and Superfund.

But a Pentagon spokeswoman said the effort was still alive. "It is premature to talk about a legislative process that is still ongoing. We sent our environmental proposals to Congress on April 7, 2005, as part of a complete DOD legislative proposal package. The House is still looking at the bill," said Maj. Susan Idziak.

House aides say another controversial provision the Pentagon is seeking -- one that would make base closure funds the sole source of DOD Superfund cleanup money for military sites transferred to other parties -- may be included in the full House committee markup this week.

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Inland Valley Daily Bulletin

Mining plans create unrest

Claremont digs in against proposal

By Edward Barrera

Staff Writer

Saturday, May 14, 2005 - CLAREMONT - Ivan Misner stood outside on his second-floor balcony Thursday, overlooking hundreds of acres of undeveloped land in northeast Claremont, land owned by the Pomona Valley Protective Association that is used to replenish underground water supplies.

In the distance, across the San Bernardino County line, a mining company churned away, extracting rock and gravel used for construction projects, including building freeways and fixing surface streets.

The sight may portend things to come, said the Claremont resident, shaking his head.

"If I had known that there could be an open-pit mine in my back yard, I would have never bought this house," Misner said.

Misner and other local residents fear that Vulcan Materials Co., which has a lease on 214 acres south of Mt. Baldy Road, will be able to convince the state Mines and Geology Board to overturn Claremont's decision to ban mining on the land.

In February, the City Council turned down the company's request, upholding the planning commission's denial, which cited numerous concerns over the project.

Vulcan's plans to mine the area closer to Misner's home would accomplish an additional goal, that of the Pomona Valley Protective Association, the area's water supplier, which hopes to augment its water-collection capabilities by digging pits across the parcel.

According to a staff report, however, mining would be incompatible with the residential community aligned along the west side of the parcel, creating noise and air-quality issues that could adversely affect the community.

Mining could also cause irreversible ecological damage through the removal of alluvial fan sage scrub, the report states.

Even though the state has designated the area "of regional significance" in meeting the need for future mineral resources, the city is not required to allow mining, staff concluded.

"I sense our council is very strong on this," said Councilwoman Ellen Taylor. "They are not happy about having mining near a residential area. We are a pretty united front." While a Vulcan official declined to comment, the company, in a February response to the planning commission's denial, said that it was only asking the city to study the proposal thoroughly, including initiating an environmental review.

According to the mining company, the city skirted state law that requires local agencies to set clear regulations for allowing mining of mineral resources, deprived the company from making money off the leased land and denied the ability of the water company to enhance its capabilities.

Bill McDonald, president of the Pomona Valley Protective Association, said Vulcan's proposal to create pits is compatible with the water provider's goals and will aid the community's needs.

"We need to capture more water when it's available," he said. "At this point, we think that mining will be a benefit to (collecting) more water."

The proposal calls for two large pits at a maximum of 100 feet deep and excavated at least 50 feet away from the nearest residential community.

Some Claremont residents opposed to the project said the proposal would create pits too large and will be built too close to homes.

"We have such a high water level in north Claremont that we feel putting these pits there could cause flooding in south Claremont," said Mike Kunce, an organizer of a group, Claremonters Against Strip Mining, created solely to fight the Vulcan proposal.

Don Drysdale, a state Mines and Geology Board spokesman, said Vulcan will have to file an appeal in about a week to have the state review the decision. Once the agency receives the report, it will make a decision within 30 days, he said.

Standing on the balcony, Misner said he was seething about the developments.

"If this was zoned for mining, and I moved in - shame on me. But it was never zoned for it," he said. If Vulcan eventually wins, "I would have to seriously consider moving."

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