

*Minutes*  
**CHINO BASIN WATERMASTER**  
**JOINT APPROPRIATIVE & NON-AGRICULTURAL**  
**POOL MEETING**  
August 12, 2004

The Joint Appropriative and Non-Agricultural Pool Meeting were held at the offices of Chino Basin Watermaster, 9641 San Bernardino Road, Rancho Cucamonga, CA, on August 12, 2004 at 9:00 a.m.

**APPROPRIATIVE POOL MEMBERS PRESENT**

Dave Crosley, Chair	City of Chino
Ray Wellington	San Antonio Water Company
Raul Garibay	City of Pomona
Robert	Monte Vista Water District
Bill Stafford	Marygold Mutual Water Company
Gerald Black	Fontana Union Water Company
Rita Kurth	Cucamonga Valley Water District
Mike McGraw	Fontana Water Company
Mohamad El-Amamy	City of Ontario
Robert Tock	Monte Vista Water District

**NON-AGRICULTURAL POOL MEMBERS PRESENT**

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

Sheri Rojo	Chief of Watermaster/Finance Manager
Gordon Treweek	Project Engineer
Danielle Maurizio	Senior Engineer
Sheri Lynne Molino	Recording Secretary

**Watermaster Consultants Present**

Michael Fife	Hatch & Parent
Mark Wildermuth	Wildermuth Environmental Inc.

**Others Present**

Josephine Johnson	Monte Vista Water District
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Chair Crosley called the meeting to order at 9:09 a.m.

**AGENDA - ADDITIONS/REORDER**

**I. CONSENT CALENDAR**

**A. MINUTES**

1. Minutes of the Joint Appropriative and Non-Agricultural meeting held June 10, 2004
2. Minutes of the Joint Appropriative and Non-Agricultural meeting held July 8, 2004

**B. FINANCIAL REPORTS**

1. Cash Disbursements for the month of July 2004
2. Combining Schedule of Revenue, Expenses and Changes in Working Capital for the Period July 1, 2003 through June 30, 2004
3. Treasurer's Report of Financial Affairs for the Period May 1 through June 30, 2004
4. Profit & Loss Budget vs. Actual July 2003 through June 2004
5. Cash Disbursements for the month of June 2004

- 6. Combining Schedule of Revenue, Expenses and Changes in Working Capital for the Period July 1, 2003 through May 31, 2004
- 7. Treasurer’s Report of Financial Affairs for the Period May 1 through May 31, 2004
- 8. Profit & Loss Budget vs. Actual July 2003 through May 2004

**C. WATER TRANSACTION**

- 1. Consider Approval for Transaction of Notice of Sale or Transfer from West Valley Water District to Fontana Water Company in the amount of 500 acre-feet; Date of Application: May 27, 2004

**D. STATUS REPORT #11**

Consider Authorization to File Status Report 11 with Court and Authorize Staff and Counsel to Make Minor Edits as Necessary

*Motion by Wellington, second by McGraw, and by unanimous vote  
Moved to approve Consent Calendar Items A through D, as presented*

**II. BUSINESS ITEMS**

**A. CONSIDER IEUA FUNDING REQUEST**

Ms. Rojo noted that IEUA was requesting cooperative funding to research the “Potential and Pitfalls for Sustainable Underground storage of Recoverable water”. Ms. Rojo asked Mr. Wildermuth, who had an opportunity to review the request, to present his views to the Committee members. Mr. Wildermuth commented that he helped write the staff report which is provided in the packet discussing this project in detail. We can contribute a lot to this project by bringing our experience and bringing work that we have done to the table for this joint investment. Mr. Wildermuth stated that technically we have a great deal that we will gain from this venture. The question of whether or not they would be specifically studying the Chino Basin was presented. Mr. Wildermuth commented that the Water and Science and Technology Board will be studying various basins. Portions of the Chino Basins quite possibly, could end up being models for the rest of the country based on this study. The question if this study was just a gathering of already published information being gathered for future reference was presented. Ms. Rojo stated the basis of this project is to put together a team of 15 volunteers and compile data and the contribution of funds is to help disseminate that data; the end data will help focus research needs and recommendations for future federal funding.

*Motion by El-Amamy, second by Wellington, and by unanimous vote  
Moved to approve the IEUA funding request, as presented*

**B. CONSIDER AGREEMENT TO FORM A TASK FORCE**

Ms. Rojo commented this item has been budgeted for and was looked at in detail while putting the current budget together. Ms. Rojo stated there is a large cooperative joint effort with several agencies, listed on page 75 of the packet, and this item does fall in with the next business item as well. The question was presented to staff on how this item differs from Item C was presented. Mr. Wildermuth stated it is Watermaster’s obligation under the Maximum Benefit that every three years ambient water quality calculations be performed meaning we are going to have to go back and calculate what the TDS and Nitrogen quality of the basins in the management zones. Many people in the Basin are coming together to do this study again in three years. Mr. Wildermuth stated this is an obligation under the proposed maximum benefit which was adopted.

*Motion by El-Amamy, second by Wellington, and by unanimous vote  
Moved to approve the Agreement to form a task force, as presented*

**C. CONSIDER AGREEMENT TO CONDUCT A NITROGEN LOSS MONITORING PROGRAM**

Mr. Wildermuth stated that part of the Maximum Benefit obligation was that anybody who discharges into the Santa Ana River must participate in a one-time only Nitrogen loss investigation, noting we are only anticipating this will be a one-time only program. Most of the

necessary monitoring has been accomplished; there are some cost issues that Inland Empire Utilities Agency (IEUA) will have to pay. Mr. Wildermuth noted there is not a real significant cost to Watermaster and the reason Watermaster is involved in this is due to the cooperative agreement for monitoring between Watermaster and IEUA. All the other parties that are funding nitrogen loss investigations have agreed to this program and what are being presented are SAWPA's invoice and the sending out of agreements. Mr. Wellington questioned whether this is something that we are already doing under our monitoring activities and whether we are sharing this data with the other parties. Mr. Wildermuth agreed that Mr. Wellington's summary was right on target. Mr. Wildermuth stated what we are presenting here for consideration is the nitrogen loss study which is anticipated to be a one-time only charge. Ms. Rojo commented by consolidating the efforts and scheduling the tests at the same time there is going to be a costs savings greater than what we are spending on this item because of the cost sharing. Mr. Wildermuth commented this should be a wash as far as cost goes. Mr. Wildermuth announced that Mr. LeClaire, who wrote the staff letter, was having a baby at this very moment and would have been able to give a better explanation than him. The Committee present wished Mr. LeClaire and his family well wishes.

*Motion by Black, second by Wellington, and by unanimous vote*

***Moved to approve the Agreement to conduct a nitrogen loss monitoring program, as presented***

**III. REPORTS/UPDATES**

**A. WATERMASTER GENERAL LEGAL COUNSEL REPORT**

1. Attorney/Manager Meetings

Counsel Fife commented that the Attorney/Manager meetings are continuing and the next one scheduled for next Wednesday, August 18 at 2:00 p.m. and is being held here at the Chino Basin Watermaster office. Counsel Fife noted that there has been a request that attorneys not attend the meeting, although, Watermaster legal counsel will be present as a scribe to write down what is said.

2. Santa Ana River Application Process

Counsel Fife updated the Committee members about the recent Environmental Impact Report (EIR) that was put out by Orange County Water District (OCWD). Recently the State Water Resources Control Board (SWRCB) commented on that EIR and a copy of that comment letter is available on the back table. Counsel Fife reviewed some of the statements in that comment letter and stating in summary the SWRCB has concluded that none of the OCWD's current operations are authorized. Counsel Fife stated that this highlights the reason why this entire process is a perilous risk to undertake for everyone involved.

Added Item:

Counsel Fife added comments for the MZ1 process stating the hearing on the City of Chino's Paragraph 15 motion concerning subsidence was scheduled for this Thursday. Both Chino and Chino Hills have signed for the subsidence forbearance program for another year as a result yesterday Chino filed for a continuance of that motion and it has now been put off until September 1 of 2005.

The question regarding a presentation with the court's referee was presented. Counsel Fife commented the original presentation was scheduled for last fall, and at that time the amount of collected data was not sufficient and not a lot to do at the workshop, so that was put off. The MZ1 technical group has expressed in recent meetings that they feel there is enough data now to schedule this workshop with the referee in approximately the fall time frame. Counsel Fife noted that the MZ1 technical group will bring back a summary to the Committee, although, noted there are no concrete plans to date for this to take place.

**B. STAFF REPORT**1. Phase VII Bid Results

Ms. Rojo noted this was an informational item only and that the Bid process is moving forward and the recharge project is on schedule as well.

2. Groundwater Modeling Update/Interim Results

Mr. Wildermuth stated discussions were held at the Attorney/Manager meetings regarding recalibrating the Chino Basin Groundwater Model in the subsidence area of MZ1. WEI used recently collected data from the MZ1 monitoring efforts to develop improved estimates of vertical and horizontal hydraulic conductivity. The recalibration had taken place in early August and the model calibration in the subsidence area of MZ1 was substantially improved. Mr. Wildermuth recapped the last calibration stating there was difficulty in the subsidence area in MZ1. The MZ1 monitoring program consists of a large spatial array of digital water level sensors with integrated data loggers. Water level data is taken every 15 minutes and the sensors are synchronized. Mr. Wildermuth stated we now know when wells are turned on and turned off providing excellent control for interpreting the data – i.e., static, dynamic and recovering. Mr. Wildermuth stated that aquifer stress tests, done as part of the MZ1 monitoring program, have revealed a barrier to groundwater flow that was not previously known. This barrier is adjacent to and parallels the fissure zone. Modeling work in support of the Peace II process is currently being performed with the recalibrated model. Mr. Wildermuth stated, pending the availability of water supply plan data from the appropriators, staff will come back in September with a description and update of the model and the Chino Basin response to current water management alternatives. The modeling done in support of the Attorney/Manager process should be complete in September.

The question of whether or not Chino had performed testing with injections was presented. Mr. Crosley stated the City of Chino conducted a - small-scale, short-term injection exercise; it was done for the purposes of evaluating where or not one of the existing well facilities could be utilized for a conjunctive use program that was being discussed by Watermaster with MWD. Mr. Crosley commented it was discovered that using the existing head out of the treatment plant they were able to inject water in Chino's well number 10, which is a high nitrate well, getting a 3 for 1 yield. Mr. Crosley reiterated it was a short-term test and did not last even a month. A discussion ensued in this regard.

**IV. INFORMATION**1. Chino Basin Desalter Authority – Chino I Expansion and Chino II Desalter Project – Progress Report

Ms. Rojo noted Watermaster had received the Chino Basin Authority progress report which is for the Committee members review.

2. CBFIP Mapping Information Facilities Location / Operational Stats / Startup Dates

Ms. Rojo noted this item is regarding the recharge basins including their scheduled dates of construction completion and their capacities and is for the Committee members review for information only.

3. Dry Year Yield Operating Plan

Ms. Rojo commented this item was to be in the packet as an information item and noted that on page 125 of the packet the annual operating is the plan which is submitted to MET every year as part of the Dry Year Yield Operating Program. Ms. Rojo stated that staff took this report one step further by doing some forecasting regarding recharge opportunities as basins came online. Ms. Rojo gave a brief overview of the plan and noted staff will true up the previous months actual recharge and then on an ongoing basis estimate what we think we may be able to do and based on MET's estimation of water availability and as recharge basins come on line. Ms. Rojo stated we have capacity with a lot of turnouts but we do not have any water at the present time.

A question was presented to Mr. Wildermuth whether or not he had reviewed the exact locations presented on this form for quantities and balances which were just discussed about maybe shifting to zone 1 recharge or is this prior to what was discussed. Ms. Rojo commented this is an internal form only and has more to do with the capacity of the turnouts and basins once we get availability of water. A question was presented regarding the 6500 acre-foot obligation for MZ1 and if it was put into the ground this year. Ms. Rojo stated that it was not and that we carried the replenishment obligation from the prior year as well. Ms. Rojo stated MET raises their rates January 1, 2005 and that is something that has been discussed; we want to try and get in as much wet water as we can in the ground before we pull it from cyclic but we will be pulling it from that account before the end of the year, when the rates go up. A brief discussion ensued regarding MET water availability.

Added Item:

Counsel Fife addressed Chair Crosley to add a comment for the Information Section. Chair Crosley acknowledged Counsel and asked him to proceed with his addition. Counsel Fife mentioned last month there was discussion regarding a letter from Senator Soto concerning Perchlorate and that staff was directed to draft a response letter; we have drafted one and a copy of that letter is available on the back table. Counsel Fife asked the Committee members to take a look at the letter and if there are any comments or concerns please address them to him and the letter will be revised. Counsel Fife was asked if there was a deadline on the presented letter and Counsel Fife explained there was not a deadline to submit this letter.

**V. POOL MEMBER COMMENTS**

The question regarding Chino Basin Watermaster's new CEO was presented to staff. Counsel Fife commented we are finalizing paperwork with the chosen person and the formal announcement will be at the upcoming Watermaster Board meeting on August 26, 2004.

**VI. OTHER BUSINESS**

No comment was made regarding this item.

**VIII. FUTURE MEETINGS**

August 9, 2004	9:00 a.m.	CBFIP/GRCC Meeting
August 12, 2004	9:00 a.m.	Joint Appropriative & Non-Agricultural Pool Meeting
August 17, 2004	9:00 a.m.	Agricultural Pool Meeting @ IEUA
August 18, 2004	2:00 p.m.	Attorney/Manager Meeting
August 25, 2004	9:00 a.m.	MZ1 Technical Committee Meeting
August 26, 2004	9:00 a.m.	Advisory Committee Meeting
August 26, 2004	11:00 a.m.	Watermaster Board Meeting

The Joint Appropriative & Non-Agricultural Pool Meeting Adjourned at 9:45

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

Minutes Approved: September 9, 2004