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10 CHINO BASIN WATERMASTER

11 SUPERIOR COURT OF THE STATE OF CALIFORNIA
12 FOR THE COUNTY OF SAN BERNARDINO

13 CHINO BASIN MUNICIPAL WATER
14 DISTRICT

15 Plaintiff,

16 vs.

17 CITY OF CHINO, ET AL.

18 Defendant.

19 Case No. RCV 51010

20 [Assigned for All Purposes to the
21 Honorable JOHN P. WADE]

22 WATERMASTER'S COMPLIANCE WITH
23 CONDITION SUBSEQUENT NUMBER
24 SEVEN; SUPPLEMENT TO CONDITION
25 SUBSEQUENT NUMBER FIVE

26 Hearing Date: February 2, 2009
27 Time: 9:30 AM
28 Dept.: S32

I.

INTRODUCTION

The Court's December 21, 2007 *Order Concerning Motion for Approval of Peace II Documents* required Watermaster to satisfy nine conditions subsequent. At the November 13, 2008 hearing, this Court approved Conditions Subsequent Number One through Six. Condition Subsequent Number Seven requires Watermaster to submit to the Court for approval a revised schedule of the drawdown of the re-operation account, which submittal shall include a reconciliation of new yield and stormwater estimates for 2000/01 through 2006/07, and a discussion of how Watermaster will account for unreplenished overproduction for that period. The substance of this

1 response is contained in the November 12, 2008 letter report from Watermaster's consulting
2 hydrologist Mr. Wildermuth attached to this pleading as Exhibit "A."

3 This report was approved unanimously by the three pool committees, the Advisory
4 Committee and the Board. Watermaster is not aware of any opposition to its filing and request for
5 Court's approval.

6 Moreover, at the February 2, 2009 hearing, Watermaster will present evidence concerning
7 the nature of the Chino Basin and the history of management of the Basin, including current
8 management of the Basin under the Peace II Measures.¹ These issues also form the background of
9 the required reporting under Condition Subsequent Number Seven. Because Watermaster intends to
10 address these issues in depth on February 2, 2009, this pleading will provide a summary of the issues
11 that serve as background to the Wildermuth report.

12 II.

13 BACKGROUND: REPLENISHMENT AND RECHARGE

14 Watermaster replenishes the water in the groundwater basin that is pumped in excess of the
15 Safe Yield or Operating Safe Yield. The Judgment identifies various sources of replenishment water,
16 including but not limited to imported water and recycled water. (Judgment Paragraph 49.) The
17 Judgment also identifies different methods of putting this replenishment water into the groundwater
18 basin, including but not limited to spreading the water into recharge basins to allow it to soak into
19 the ground, direct injection of the water into the basin, and in lieu procedures whereby pumping is
20 reduced and surface supplies are taken instead. (Judgment Paragraph 50.)

21 An additional source of water that can be used for replenishment purposes is the Santa Ana
22 River, which runs along the southern edge of the Chino Basin. Depending on groundwater
23 conditions in the Chino Basin, water from the Santa Ana River can soak through the bed of the River
24 and into the Chino Basin. It is one of the purposes of the Basin Re-Operation project – one of the
25 Peace II Measures – to induce such inflow in greater quantities. The quantities of water that were to
26 be induced from the River were contractually earmarked for production by the Chino Basin

27 _____
28 ¹ An outline of Watermaster's presentation will be provided to the parties and the Court in advance
of the February 2, 2009 hearing.

1 Desalters. (Peace Agreement Section 7.5(b).) This water, defined as “New Yield,” could be
2 produced *without* triggering a replenishment obligation.

3 In addition, in 2003, Watermaster began the first phase of implementation of its Recharge
4 Master Plan with the construction of the Chino Basin Facilities Improvement Project (“CBFIP”).
5 The CBFIP was a \$40 million project to improve the recharge facilities in the Chino Basin to
6 enhance their ability to recharge imported water, recycled water and stormwater. These recharge
7 basin improvements allow Watermaster to recharge additional replenishment water, and by capturing
8 additional amounts of stormwater, replenishment obligations are reduced. At the time
9 implementation of the CBFIP began, Watermaster committed to reconcile its estimates of new
10 stormwater recharge from the facilities with actual observed conditions every five years, with the
11 first such reconciliation to occur in 2008.

12 For several years, Watermaster used the best information available to provide accurate
13 estimates of the amount of water recharging the Basin from the Santa Ana River, and for the amount
14 of new stormwater that the CBFIP was likely to capture. For the period of 2000/01 to 2006/07,
15 Watermaster estimated that 29,070 acre-feet of New Yield flowed into the Chino Basin from the
16 Santa Ana River and thus this quantity of groundwater production through the Chino Basin Desalters
17 did not need to be replenished. (Peace Agreement Section 7.5(b).)

18 In addition, for the first five years of operation of the CBFIP, Watermaster had expected that
19 12,000 acre-feet per year of New Yield attributable to stormwater would be captured. A
20 corresponding quantity of groundwater production occurred without incurring a replenishment
21 obligation. (Peace Agreement Section 1.1 (aa).)

22 23 III.

24 COMPLIANCE WITH CONDITION SUBSEQUENT NUMBER SEVEN

25 During the process leading up to the December 21, 2007 Order, a new technical analysis
26 completed under the direction of Watermaster indicated that previous estimates of the amount of
27 water flowing into the groundwater basin from the Santa Ana River had been overstated. In fact, the
28

1 new analysis indicated that inflow from the River had not started, and would not start until
2 Watermaster could implement the measures ultimately approved by the Court.

3 Separately, after the first five years of operation of the CBFIP, actual experience with the
4 improved facilities and technical review indicates that the amount of additional stormwater that was
5 actually captured was less than previously estimated.

6 The attached letter technical report from Mr. Wildermuth explains the way in which
7 Watermaster will account for the overestimate of inflow from the Santa Ana River and the
8 overestimate of new stormwater capture in a manner consistent with the Judgment. In summary,
9 Watermaster will account for the overestimate of the Santa Ana River inflow for the period of
10 2000/01 through 2006/07 by deducting this amount from the schedule of court authorized drawdown
11 from the Basin Re-Operation account instead of replenishing the water.

12 A new proposed table reflecting this change is attached to Mr. Wildermuth's technical report
13 as Table 3. This table is the revised schedule which is intended to replace the corrected initial
14 schedule referenced in the Court's December 21, 2007 Order. (Order, page 8, line 17; See Peace II
15 Agreement Section 7.2(e)(i) and (e)(ii).) In the opinion of the author of the technical report, Mr.
16 Wildermuth, debiting the Basin Re-Operation account is the superior management strategy. No
17 party objects to this view.

18 With regard to stormwater capture, Watermaster will account for the overestimate of new
19 stormwater capture according to procedures already agreed upon in April 2003 for this purpose.
20 These procedures are described on page four of Mr. Wildermuth's report. Watermaster will credit no
21 water for the new stormwater capture for the next five years until the overestimate has been
22 mitigated, and after that Watermaster will credit 6,000 acre-feet a year for the stormwater capture,
23 unless subsequent analysis over the next five years indicates that a different number should be used.

24 This method of correcting for the overestimate of Santa Ana River inflow and new
25 stormwater recharge is protective of the groundwater Basin, consistent with the Judgment and prior
26 Orders of the Court, and is not opposed by any party. Watermaster therefore respectfully requests the
27 Court to approve this submission in satisfaction of Condition Subsequent Number Seven.
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IV.

SUPPLEMENT TO CONDITION SUBSEQUENT NUMBER FIVE

Condition Subsequent Number Five required Watermaster to submit a detailed outline of its Recharge Master Plan update to the Court by July 1, 2008, and to report on its progress toward completing the updated Recharge Master Plan by January 1, 2009 and July 1, 2009.

Watermaster submitted its outline by the required date. No party objected to the outline, and the Court approved it at the November 13, 2008 hearing. Attached to this pleading as Exhibit "B" is an updated schedule showing all of the items described or required by the outline, and a projected period of completion for each. According to this schedule, Watermaster is on track to complete the update to the Recharge Master Plan by the July 1, 2010 date required by Condition Subsequent Number Eight.

This schedule was approved unanimously by the three pool committees, the Advisory Committee and the Board. Watermaster knows of no opposition to this schedule. The December 21, 2007 Order does not require Court approval for this schedule.

Dated: December 23, 2008

BROWNSTEIN HYATT FARBER SCHRECK, LLP

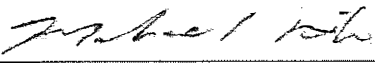
By: 
Scott S. Slater
Michael T. Fife
Attorneys for CHINO BASIN WATERMASTER

Exhibit A



WILDERMUTH™
ENVIRONMENTAL INC.

November 13, 2008

Chino Basin Watermaster
Attention: Kenneth R. Manning
Chief Executive Officer
9641 San Bernardino Road
Rancho Cucamonga, CA 91730

Subject: Response to Condition Subsequent Number 7

Dear Mr. Manning:

Pursuant to your request, Wildermuth Environmental, Inc. (WEI) reviewed the December 20, 2007 Special Referee's Report and the Honorable Judge Gunn's December 21, 2007 Court Order with regard to Condition Subsequent No. 7 (CS7). Specifically, you asked WEI to develop and recommend a response to CS7 for the Watermaster's consideration and use in the Watermaster's response to the Court. Our review and recommendations are summarized below.

Condition Subsequent No. 7

CS7 reads:

By December 31, 2008, Watermaster shall prepare and submit to the Court for approval a revised schedule to replace the initial corrected schedule, which submittal shall include a reconciliation of new yield and storm water estimates for 2000/01 through 2006/07, and a discussion of how Watermaster will account for un-replenished overproduction for that period.

There are two issues posed by the CS7. The first issue relates to under-replenishment of the Chino Basin desalters during the 2000/01 through 2006/07 period. The following questions need to be answered to resolve this issue:

- What was the magnitude of said under-replenishment?
- How will the Watermaster fulfill the replenishment obligation?

The second issue relates to how Watermaster accounts for the new yield created by the operation of the recently constructed recharge improvements, referred to as the Chino Basin Facilities Improvement Program (CBFIP). To resolve this issue, the following questions need to be answered:

- What was the volume of storm water recharge over the 2000/01 through 2006/07 period?
- What part of this recharge is "new" and how will the Watermaster account for this new recharge?

Under-Replenishment of the Chino Desalters During the 2000/01 through 2006/07

The *Chino Basin Water Resources Management Study* (MW, 1993) and the subsequent early desalter engineering studies used groundwater flow models to evaluate groundwater basin response to desalter proposals and concluded that the inducement of new Santa Ana River inflow to the Chino Basin would occur from the then proposed Chino desalters. Subsequent investigations during the development of the Optimum Basin Management Program (OBMP) produced a similar result. One of the conditions necessary to generate new yield with the desalters is to assume that new yield will occur and to conduct replenishment operations with that assumption. At the time of the desalter startup, around 2000, WEI used Watermaster's *Rapid Assessment Model* (RAM) of the Chino Basin to determine how much new yield could be obtained from the Santa Ana River. (RAM is a steady state model that produces an equilibrium response to any prescribed groundwater management plan.) Through the application of RAM, it was determined that Watermaster should assume that about half of the desalter production would come from the River.

Our current models are, by contrast, very detailed transient models. The recent modeling work done for the Peace II process suggests a very different answer for the new yield associated with the desalters and the reoperation authorized by the Peace II Agreement. In analyzing future reoperation alternatives, it was determined that the induced Santa Ana River recharge lagged the dedication of groundwater storage to desalter replenishment by several years. Table 1 shows the Initial Corrected Schedule¹ referred to in CS7. The planning simulation for this schedule started in July 2006. This table contains the estimated new yield from the Santa Ana River and the time history of withdrawals from the reoperation accounts used to satisfy the desalter replenishment obligation. Note that new yield from the river appears to start in fiscal year 2011/12 and rises to about 5,000 acre-ft/yr by 2021/2022. The column titled "Residual Replenishment Obligation" is the desalter replenishment obligation that must be satisfied through either physical recharge, other sources provided for in the Peace II Agreement, water acquired from other storage accounts, or a combination of these sources. One of the take aways from Table 1 is that the induced Santa Ana River recharge originally projected to occur in the 2000/01 through 2006/07 period did not occur.

Table 2 shows desalter production during the 2000/01 through 2006/07 period, which totals to about 91,200 acre-ft. This production must be fully replenished. The table shows that 36,400 acre-ft of replenishment obligation was provided by the Desalter Account, that 25,700 acre-ft was provided by the CDA reoperation account, and that about 29,100 acre-ft was provided projected new Santa Ana River recharge. However, as mentioned above, the new modeling results strongly suggest that new Santa Ana River recharge did not occur; thus, there is an outstanding replenishment obligation of about 29,100 acre-ft.

There are four water sources that can be used to make up the outstanding replenishment obligation, including 1) physical (wet-water) recharge with supplemental water, 2) a debit from the non-Western Municipal Water District (WMWD) reoperation account², 3) other sources provided for in the Peace

¹ The term *Initial Corrected Schedule* refers to the specific schedule of desalter production, projected new yield, use of reoperation water for desalter replenishment, and other desalter replenishment that was requested by the Court during the Peace II process.

² It is likely that the WMWD will become a member of the CDA before the end of 2008. The WMWD reoperation account refers to the water in storage that is dedicated to desalter capacity that will be constructed by the WMWD

II Agreement, 4) water acquired from other storage accounts, or a combination of these sources. Physical recharge is the least desirable alternative because it will retard the projected buildup in new yield (as shown in Table 1), it works counter to hydraulic control, and it will come at a great cost. Figure 1 shows the time history of projected Santa Ana River recharge attributed to desalter production with reoperation and the estimated retardation of the projected buildup in new yield if the 29,100 acre-ft were replenished with physical recharge. A better approach is acquire the replenishment water either from the non-WMWD reoperation account, other sources provided for in the Peace II Agreement, other water from existing storage accounts if available, or a combination thereof. Table 3 presents a modified version of the Initial Corrected Schedule, extended back to fiscal 2000/01, that shows historical and projected desalter production, projected new yield, the time history of withdrawals from the Desalter Account, projected withdrawals from the reoperation accounts, and the historical and projected residual replenishment obligation. In this schedule, it was assumed that the Watermaster would debit the non-WMWD reoperation account in fiscal 2009/10; although it could be done this year as well. If the replenishment water was supplied from the non-WMWD reoperation account, the non-WMWD reoperation account would be depleted one year earlier than initially projected in Table 1.

Reconciliation of Storm Water Recharge for the 2000/01 through 2006/07 Period

In addition to the new yield created by new Santa Ana River recharge, the Peace Agreement provides for new yield created by new storm water recharge. New storm water recharge refers to the additional storm water recharge that results from the CBFIP and subsequent storm water recharge enhancements. New storm water recharge is equal to the total volume of storm water recharge minus the storm water recharge that would have occurred without the CBFIP and subsequent storm water recharge enhancements.

The CBFIP was mostly completed during fiscal 2004/05. The Inland Empire Utilities Agency (IEUA) managed CBFIP construction and currently operates the CBFIP facilities. These facilities are operated pursuant to an agreement between the Watermaster, the IEUA, the Chino Basin Water Conservation District, and the County of San Bernardino. The IEUA collects data and prepares storm water recharge estimates for each of the recharge basins in the Chino Basin. The IEUA reviews its calculations with the Groundwater Recharge Coordinating Committee and provides the final estimates to the Watermaster. Recently, we developed pre-CBFIP storm water recharge estimates for use in our groundwater modeling work for both the Peace II Agreement and, more recently, the material physical injury analysis of the Dry Year Yield Program Expansion. The WEI and IEUA estimates are provided in Table 4. The recharge facility locations are shown in Figure 2.

In contrast to the new yield developed by the desalters, the new recharge from recharge improvements varies significantly from year to year as a function of precipitation, storm water management practices, and the state of the recharge facilities. In 2003, Watermaster investigated two methods for computing new storm water recharge. The first method involves preparing estimates of the long-term average annual storm water recharge with and without the CBFIP and calculating the new yield as the difference. Modeling tools would be used to estimate recharge, and

and will be exclusively available to the WMWD. The non-WMWD reoperation account refers to the other water in the reoperation account.

the new yield estimate would be refined over time if historical observations demonstrated that the assumptions, data, and/or models needed to be refined. With this approach, the new yield estimate is more stable over time, providing certainty to the members of the Appropriative Pool. Moreover, the yield of the Chino Basin is based on recharge components, some of which are highly variable over time (stormwater recharge and the deep percolation of precipitation), yet the yield is a constant value. This occurs because the Chino Basin is a large storage reservoir that buffers the effects of wet and dry periods. The use of a long-term average annual estimate of new recharge is consistent with the notion of the safe yield of the Chino Basin and other basins that are managed to a safe yield.

The second method would be to estimate actual recharge annually, based on observed data, and what would have recharged had the CBFIP not been implemented. The difference would equal the new yield. With this approach, the new yield estimate would be highly variable over time.

In April 2003, Watermaster adopted the first approach. The procedures for implementing this approach are as follows:

1. The volume of recharge provided by the pre-CBFIP facilities was assumed to be 5,600 acre-ft/yr (baseline) per the Peace Agreement implementation plan.
2. Assumptions were made about the additional recharge that would result from the CBFIP.
3. It was assumed that the CBFIP would produce a long-term average new recharge of 12,000 acre-ft/yr.
4. This assumed long-term average recharge (12,000 acre-ft/yr) would be used for the first five years of new recharge facility operations.
5. Each year, the performance characteristics and actual additional recharge would be determined.
6. At the end of five years, a new long-term average estimate of new recharge would be computed, based on the actual performance characteristics of the facilities.
7. Any credit or debit that results from the initial estimate of additional recharge being too low or high, respectively, would be spread evenly over the next five-year period.
8. Repeat items 5 through 7 every five years.

This process started in fiscal 2004/05; thus, the five-year period will end in June 2009. The Watermaster is charged with developing a new long-term average recharge estimate using the recharge monitoring and performance data collected by the IEUA. The Watermaster should be able to prepare this estimate by the end of August 2009 and will then be in a position to execute step 7 listed above. Table 5 and Figure 3 show how such a calculation will be performed. In this example, the initial long-term average of new recharge was assumed to be 12,000 acre-ft/yr through 2008/09. A new long-term average of new recharge of 6,000 acre-ft/yr is computed in the summer of 2009 and is used for the next five years. Note that this estimate of new storm water recharge means that the Watermaster overestimated new storm water recharge by 6,000 acre-ft/yr for the first five years, resulting a cumulative overestimate of 30,000 acre-ft through the end of 2008/09. This overestimate is debited from the new recharge estimates for the 2009/10 through 2013/14 period and, in this example, results in a new recharge credit of zero acre-ft/yr through 2013/14. And, the initial overestimate is completely debited from the appropriators.

Recommended Responses to CS7

In response to the questions posed by CS7 as they relate to the under-replenishment of the Chino Basin desalters during the 2000/01 to 2006/07 period, our recommended answers are as follows:

1. What was the magnitude of the desalter under replenishment during this period? The estimated under replenishment is 29,070 acre-ft as shown in Table 2 and is numerically equal to the projected new Santa Ana River recharge.
2. How will Watermaster fulfill the replenishment obligation? Our recommendation is that Watermaster use either water from the non-WMWD reoperation account, other water that it can acquire from sources provided for in the Peace II Agreement, water acquired from other storage accounts, or a combination of these sources. Physical recharge will retard full acquisition of hydraulic control and will lead to reduced Santa Ana River recharge of about 5,000 acre-ft through 2030. There are no hydrologic or economic advantages to replenishing with physical recharge, only disadvantages.

In response to the questions posed by CS7 as they relate to the reconciliation of the new storm water recharge, our recommended answers are as follows:

1. What was the storm water recharge over the 2000/01 through 2006/07 period? The volume of storm water recharged during this period is provided in Table 4. The period through 2003/04 represents the pre-CBFIP period, as does the first part of the fiscal 2004/05. Thereafter, the storm water recharge totals include new storm water recharge.
2. What part of this recharge is "new" and how will the Watermaster account for this new recharge? The Watermaster will use the process described above, specifically steps 6 and 7, to account for new recharge. Watermaster will perform its first reconciliation in fiscal 2009/10 pursuant to the new storm water recharge policy it adopted in April 2003.

Please call me if you have any questions or need further assistance.

Wildermuth Environmental, Inc.



Mark J. Wildermuth
Chairman

cc.
Sheri Rojo, Chino Basin Watermaster
Ben Pak, Chino Basin Watermaster
Scott Slater, Brownstein Hyatt Farber Schreck
Michael Fife, Brownstein Hyatt Farber Schreck

Encl.

Table 1
Initial Corrected Schedule

(acre-ft)

Fiscal Year	Desalter Pumping	New Yield	Re-Operation			Residual Replenishment Obligation
			Replenishment Allocation for Desalter III	Replenishment Allocation to CDA	Balance	
					400,000	0
2006 / 2007	26,350	0	0	26,350	373,650	0
2007 / 2008	26,350	0	0	26,350	347,300	0
2008 / 2009	26,356	0	0	26,356	320,944	0
2009 / 2010	26,356	0	0	26,356	294,588	0
2010 / 2011	28,965	0	0	28,965	265,622	0
2011 / 2012	31,574	75	0	31,500	234,123	0
2012 / 2013	34,182	442	5,000	28,740	200,383	0
2013 / 2014	36,791	962	10,000	25,829	164,554	0
2014 / 2015	39,320	1,629	10,000	4,554	150,000	23,137
2015 / 2016	39,320	2,255	10,000	0	140,000	27,065
2016 / 2017	39,320	2,771	10,000	0	130,000	26,549
2017 / 2018	39,320	3,275	10,000	0	120,000	26,045
2018 / 2019	39,320	3,767	10,000	0	110,000	25,553
2019 / 2020	39,320	4,283	10,000	0	100,000	25,037
2020 / 2021	39,320	4,764	10,000	0	90,000	24,556
2021 / 2022	39,320	5,198	10,000	0	80,000	24,122
2022 / 2023	39,320	5,570	10,000	0	70,000	23,750
2023 / 2024	39,320	5,854	10,000	0	60,000	23,466
2024 / 2025	39,320	5,959	10,000	0	50,000	23,361
2025 / 2026	39,320	5,834	10,000	0	40,000	23,486
2026 / 2027	39,320	5,698	10,000	0	30,000	23,622
2027 / 2028	39,320	5,546	10,000	0	20,000	23,774
2028 / 2029	39,320	5,479	10,000	0	10,000	23,841
2029 / 2030	39,320	5,594	10,000	0	0	23,726
Totals	866,045	74,953	175,000	225,000		391,091

1 -- Note that the new yield projection shown above relates only to the storage reduction caused by the use of the reoperation water listed in this schedule. There was over 60,000 acre-ft of additional storage reduction that occurred during 2000/01 and 2005/06 that is not reflected in the new yield schedule. In the near future, Watermaster will determine the additional new yield created by the Pre Peace II reductions in storage and will include a new schedule for yield.

Table 2
Desalter Production and Replenishment 2000/01 through 2006/07
 (acre-ft)

Fiscal Year	Desalter Production	Desalter Replenishment		
		Initial Projection of SAR Recharge	Desalter (aka Kaiser) Account	Re-operation Account
2000/01	7,989	3,995	3,995	
2001/02	9,458	4,729	4,729	
2002/03	10,439	5,220	5,220	
2003/04	10,605	5,303	5,303	
2004/05	9,854	4,927	4,927	
2005/06	16,476	4,897	11,579	
2006/07	26,356	0	608	25,748
Totals	91,177	29,070	36,360	25,748

Table 3
Initial Corrected Schedule Updated to Show Desalter Replenishment Accounting and Santa Ana River Inflow
From 2000/01 through 2029/30, Shortfall Deducted from Non-WMWD Reoperation Account
 (acre-ft)

Fiscal Year	Desalter Pumping	New Yield ¹	Desalter Replenishment				Residual Replenishment Obligation
			Desalter (aka Kaiser) Account	Re-Operation		Balance	
				Replenishment Allocation for Desalter III	Replenishment Allocation to CDA		
2000 / 2001	7,989	0	3,995				3,995
2001 / 2002	9,458	0	4,729				4,729
2002 / 2003	10,439	0	5,220				5,220
2003 / 2004	10,605	0	5,303				5,303
2004 / 2005	9,854	0	4,927				4,927
2005 / 2006	16,476	0	11,579			400,000	4,897
2006 / 2007	26,356	0	608	0	25,748	374,252	0
2007 / 2008	26,356	0	0	0	26,356	347,896	0
2008 / 2009	26,356	0	0	0	55,426	292,470	-29,070
2009 / 2010	26,356	0	0	0	26,356	266,114	0
2010 / 2011	28,965	0	0	0	28,965	237,149	0
2011 / 2012	31,574	75	0	0	31,500	205,649	0
2012 / 2013	34,182	442	0	5,000	28,740	171,909	0
2013 / 2014	36,791	962	0	10,000	1,909	160,000	23,920
2014 / 2015	39,320	1,629	0	10,000	0	150,000	27,691
2015 / 2016	39,320	2,255	0	10,000	0	140,000	27,065
2016 / 2017	39,320	2,771	0	10,000	0	130,000	26,549
2017 / 2018	39,320	3,275	0	10,000	0	120,000	26,045
2018 / 2019	39,320	3,767	0	10,000	0	110,000	25,553
2019 / 2020	39,320	4,283	0	10,000	0	100,000	25,037
2020 / 2021	39,320	4,764	0	10,000	0	90,000	24,556
2021 / 2022	39,320	5,198	0	10,000	0	80,000	24,122
2022 / 2023	39,320	5,570	0	10,000	0	70,000	23,750
2023 / 2024	39,320	5,854	0	10,000	0	60,000	23,466
2024 / 2025	39,320	5,959	0	10,000	0	50,000	23,361
2025 / 2026	39,320	5,834	0	10,000	0	40,000	23,486
2026 / 2027	39,320	5,698	0	10,000	0	30,000	23,622
2027 / 2028	39,320	5,546	0	10,000	0	20,000	23,774
2028 / 2029	39,320	5,479	0	10,000	0	10,000	23,841
2029 / 2030	39,320	5,594	0	10,000	0	0	23,726
Totals	930,877	74,953	36,360	175,000	225,000		419,565

1 -- Note that the new yield projection shown above relates only to the storage reduction caused by the use of the reoperation water listed in this schedule. There was over 60,000 acre-ft of additional storage reduction that occurred during 2000/01 and 2005/06 that is not reflected in the new yield schedule. In the near future, Watermaster will determine the additional new yield created by the Pre Peace II reductions in storage and will include a new schedule for yield.

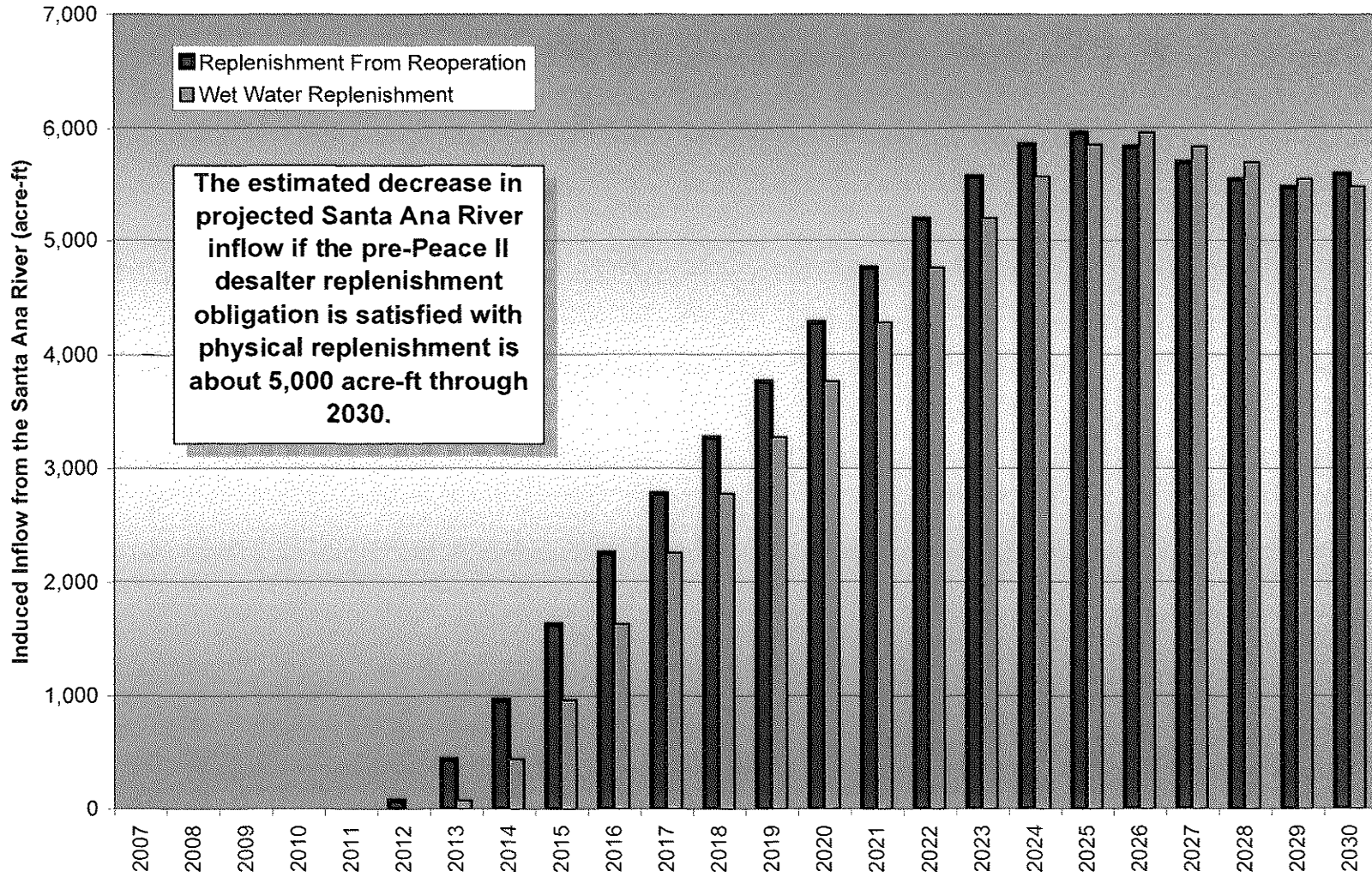
Table 4
Estimates of Historical Storm Water Recharge in the Chino Basin During the Peace Agreement Period
 (acre-ft)

Channel/Recharge Basin	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08
San Antonio Channel / CB-59								
College Heights East (MZ1)	0	0	0	0	0	0	1	171
College Heights West (MZ1)	0	0	0	0	0	108	0	1
Upland (MZ1)	572	94	910	397	989	214	195	312
Montclair 1, 2, 3, 4 (MZ1)	1,982	837	3,757	1,296	3,350	1,296	355	859
Brooks (MZ1)	794	133	1,276	563	1,776	524	205	475
West Cucamonga Channel								
15th Street (MZ1)	0	0	0	0	0	0	0	0
8th Street (MZ1)	0	0	0	0	240	918	398	959
7th Street (MZ1)	0	0	0	0	380	353	242	0
Ely 1 (MZ2)	605	446	575	587	2,010	1,409	631	1,603
Ely 2 (MZ2)	0	0	0	0	0	0	0	0
Ely 3 (MZ2)	0	0	0	0	0	122	0	0
Riverside Drive Drain								
Grove (MZ2)	0	0	0	0	0	133	166	326
Cucamonga/Deer Creek Ch / CB-11								
Turner 1 & 2 (MZ2)	167	100	192	0	452	1,870	250	1,166
Turner 3 & 4 (MZ2)	0	0	0	0	976	705	156	376
Day Creek Channel / CB-15								
Lower Day (MZ2)	0	0	0	0	2,798	624	78	303
Wineville (MZ3)	0	0	0	0	0	0	0	0
Riverside (MZ3)	0	0	0	0	0	0	0	0
Etiwanda Channel / CB-14								
Etiwanda Debris Basin (MZ2)	0	0	0	0	0	20	0	10
Victoria (MZ2)	0	0	0	0	0	330	260	427
Conservation Ponds (MZ3)	0	0	0	0	0	0	0	0
San Sevaine Channel / CB-13								
San Sevaine #1 (MZ2)	190	250	1,364	512	768	2,072	244	749
San Sevaine #2 (MZ2)	0	0	68	11	0	0	0	0
San Sevaine #3 (MZ2)	66	70	461	157	0	0	0	0
San Sevaine #4 & 5 (MZ2)	0	0	168	38	2,062	0	0	0
San Sevaine Reach (MZ3)	0	0	0	0	0	0	0	0
Jurupa (MZ3)	0	0	0	0	0	0	0	0
West Fontana Channel / CB-18								
Hickory (MZ2)	37	105	551	224	298	438	536	949
Banana (MZ3)	390	184	366	188	425	300	226	278
Declez Channel								
RP3 Cell 1a (MZ3)	0	0	0	0	1,105	507	237	511
RP3 Cell 3a (MZ3)	0	0	0	0	0	260	565	0
DeClez (MZ3)	0	0	0	0	19	737	0	730
Total Recharge	4,803	2,218	9,688	3,973	17,648	12,940	4,745	10,205
Index Precipitation 1192 Cucamonga (inches)	16.58	7.96	21.6	11.67	33.87	3.15	5.66	14.71
Index Precipitation 2206 Fontana (inches)	12.39	4.52	17.3	7.67	27.6	12.09	4.52	12.35

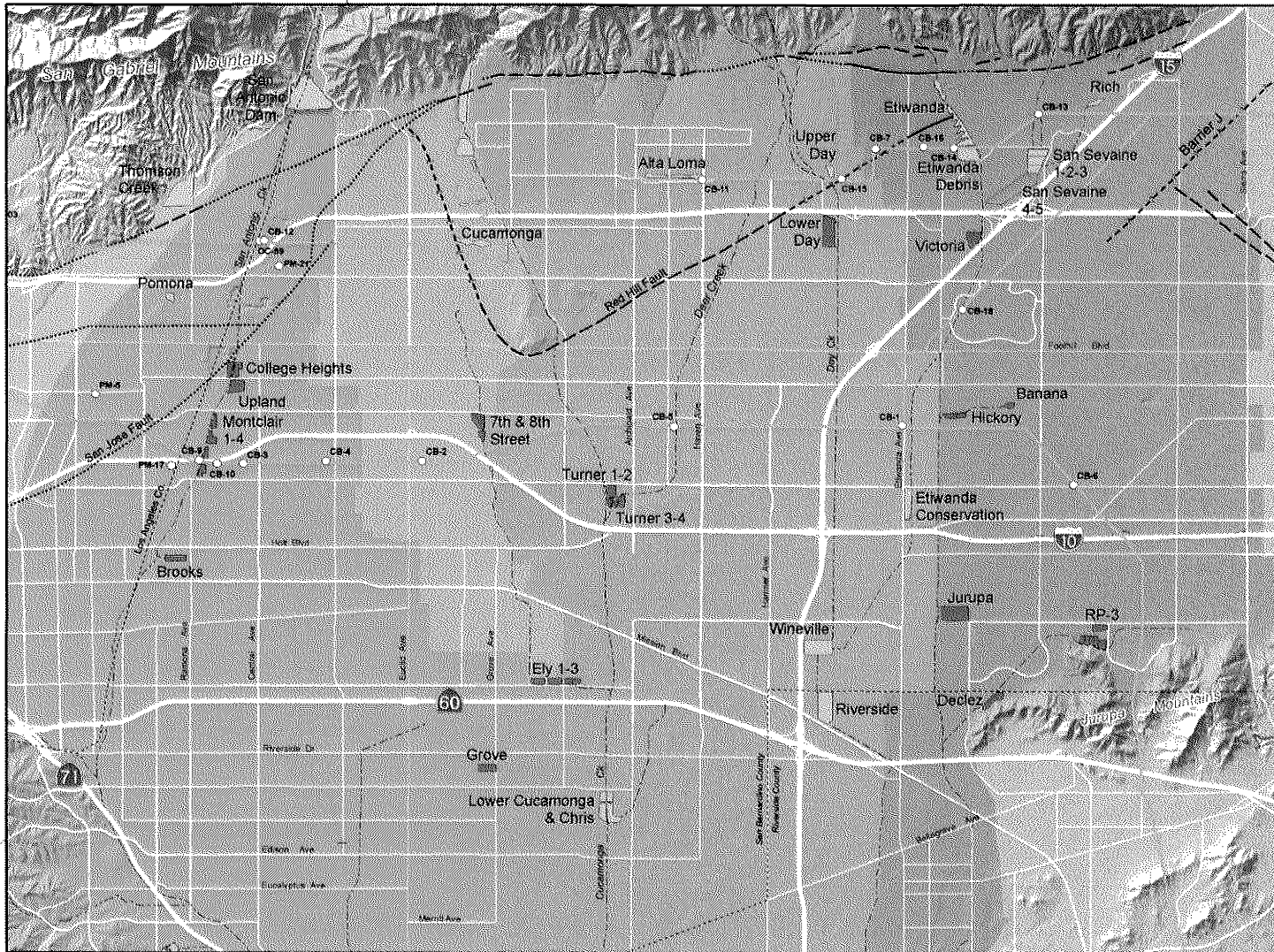
Table 5
Example of New Storm Water Recharge Calculation
 (acre-ft)

Fiscal Year Ending	Pre CBFIP Recharge	Estimated Total Recharge	Projected New Storm Water Recharge	Over Estimate of New Recharge	Cumulative Over (Under) Estimate of New Recharge
2005	5,600	17,600	12,000	6,000	6,000
2006	5,600	17,600	12,000	6,000	12,000
2007	5,600	17,600	12,000	6,000	18,000
2008	5,600	17,600	12,000	6,000	24,000
2009	5,600	17,600	12,000	6,000	30,000
2010	5,600	11,600	0	0	24,000
2011	5,600	11,600	0	0	18,000
2012	5,600	11,600	0	0	12,000
2013	5,600	11,600	0	0	6,000
2014	5,600	11,600	0	0	0
2015	5,600	11,600	6,000	0	0
2016	5,600	11,600	6,000	0	0
2017	5,600	11,600	6,000	0	0
2018	5,600	11,600	6,000	0	0
2019	5,600	11,600	6,000	0	0
2020	5,600	11,600	6,000	0	0
2021	5,600	11,600	6,000	0	0
2022	5,600	11,600	6,000	0	0
2023	5,600	11,600	6,000	0	0
2024	5,600	11,600	6,000	0	0
2025	5,600	11,600	6,000	0	0
2026	5,600	11,600	6,000	0	0
2027	5,600	11,600	6,000	0	0
2028	5,600	11,600	6,000	0	0
2029	5,600	11,600	6,000	0	0
2030	5,600	11,600	6,000	0	0
Totals	145,600	331,600	156,000	30,000	na
Estimated Total Recharge					<u>331,600</u>
Pre Improvement Recharge				-	145,600
Over Estimate of New Recharge				-	30,000
Assumed New Recharge				=	<u>156,000</u>

Figure 1
The Effect of Desalter Replenishment on Santa Ana River Inflow



117°40'0"W



117°40'0"W

Recharge Basins (Symbolized by Improvements)

- Chino Basin Facilities Improvement Project
- Improvement By Others
- No Improvements

Imported Water Facilities

- Service Connection/Turnout
- Imported Water Pipeline

Drainage Areas

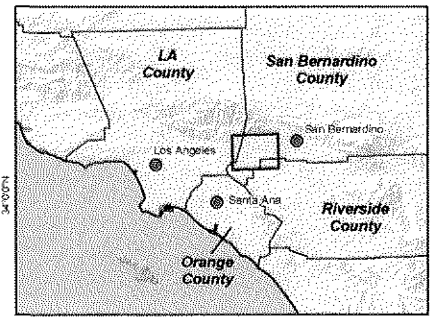
- San Antonio Creek System
- West Cucamonga Creek System
- Cucamonga and Deer Creek Systems
- Lower Cucamonga Creek System
- Day Creek System
- San Sevaine and Etiwanda Creek Systems

Other Features

- Rivers, Creeks, and Flood Control Channels

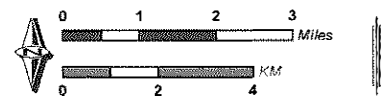
Faults

- Location Certain
- Location Concealed
- Location Approximate
- Location Uncertain



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Condition Subsequent 7 Report

Groundwater Recharge and Imported Water Facilities

Figure 2

**Figure 3
Example Comparison of Projected and Actual New Recharge**

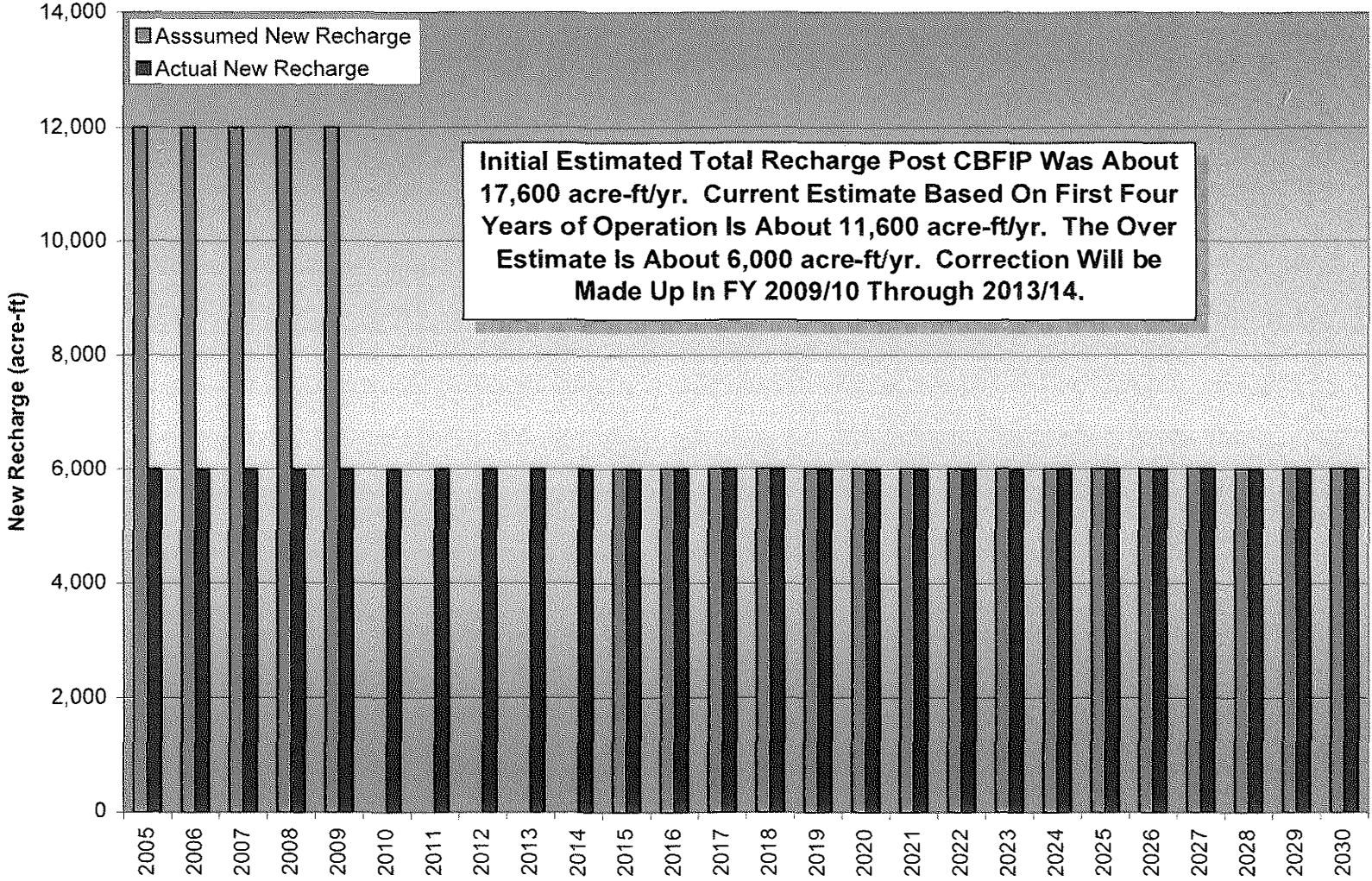


Exhibit B

**Exhibit B
Recharge Master Plan Update
Chino Basin Watermaster**

ID	Task No.	Whom	Task Name	Duration	Start	Finish	Predecessors
1	1		Project Management	565 days?	Tue 7/1/08	Fri 9/3/10	
2	1.1	WEI	Preparation of Project Control Plan	66 days?	Tue 7/1/08	Tue 9/30/08	
3	1.3	WEI	Administration and Preparation of Monthly Progress Reports	476 days	Wed 10/1/08	Tue 8/3/10 2	
4	1.4	WEI	Coordination of Meetings, Meetings, and Preparation of Minutes	476 days	Wed 10/1/08	Tue 8/3/10 2	
5	1.5	WEI	Web Site Management	476 days	Mon 11/3/08	Fri 9/3/10	
6							
7	2		Collect, Compile and Review Data and Reports	70 days	Wed 10/1/08	Mon 1/12/09	
8							
9	3		Develop Planning Criteria	58 days	Mon 1/5/09	Wed 3/25/09	
10	3.1	WEI	Compile Judgment, Peace Agreement and Court Order Requirements	2 days	Mon 1/5/09	Tue 1/6/09	
11	3.2	CBW-BP	Compile Storm Water Management Requirements	23 days	Mon 1/5/09	Wed 2/4/09	
12	3.3	B&V	Compile Design Requirements for Wells, Conveyance, Storage and Treatment Facilities	23 days	Mon 1/5/09	Wed 2/4/09	
13	3.4	WEI	Compile Siting Requirements for Recharge	23 days	Mon 1/5/09	Wed 2/4/09	
14	3.5	WEI	Compile Robustness Requirements	23 days	Mon 1/5/09	Wed 2/4/09	
15	3.6	WEI	Compile Regulatory Requirements	23 days	Mon 1/5/09	Wed 2/4/09	
16	3.7	B&V	Develop Cost Estimating Methodology and Financial Criteria	23 days	Mon 1/5/09	Wed 2/4/09	
17	3.8		Prepare Draft Section 2 of Project Report	35 days	Thu 2/5/09	Wed 3/25/09	
18	3.8.1	WEI	Prepare Draft Section 2 of Project Report	10 days	Thu 2/5/09	Wed 2/18/09 10,11,12,13,14,15	
19	3.8.2	WEI	Review Draft Section 2 with Stakeholders	20 days	Thu 2/19/09	Wed 3/18/09 18	
20	3.8.3	WEI	Incorporate Comments and Finalize Draft Section 2	5 days	Thu 3/19/09	Wed 3/25/09 19	
21							
22	4		Task 4 Characterize How Landuse Decisions and Storm Water Management Affect Safe Yield	170 days?	Mon 11/3/08	Thu 7/2/09	
23	4.1		Develop Methodology to Estimate Safe Yield	41 days?	Mon 1/5/09	Mon 3/2/09	
24	4.1.1	WEI	Compile Definitions	10 days	Mon 1/5/09	Fri 1/16/09	
25	4.1.2	WEI	Computational Procedures	11 days	Mon 1/19/09	Mon 2/2/09 24	
26	4.1.3	WEI	Data Requirements	2 days	Tue 2/3/09	Wed 2/4/09 25	
27	4.1.4	WEI	Base Period	2 days	Thu 2/5/09	Fri 2/6/09 26	
28	4.1.5	WEI	Area of Interest	3 days	Mon 2/9/09	Wed 2/11/09 27	
29	4.1.6	WEI	Safe Yield Estimate in the 1978 Judgment	1 day	Thu 2/12/09	Thu 2/12/09 28	
30	4.1.7	WEI	Safe Yield Estimate in the 2008 Peace II Report	1 day	Fri 2/13/09	Fri 2/13/09 29	
31	4.1.8	WEI	Evaluation of Methods	10 days	Mon 2/16/09	Fri 2/27/09 30	
32	4.1.9	WEI	Recommend Method	1 day?	Mon 3/2/09	Mon 3/2/09 31	
33	4.2	WEI	Refine and Validate Landuse Maps for Current and Ultimate Development Conditions	58 days	Mon 11/3/08	Tue 1/27/09	
34	4.3		Determine How Landuse and Storm Water Recharge Decisions Affect Safe Yield	135 days	Mon 11/3/08	Thu 5/14/09	
35	4.3.1	WEI	Update WLAM and Watermaster Models Assumptions and Input Files	60 days	Mon 11/3/08	Thu 1/29/09	
36	4.3.2	WEI	Run Models and Estimate Safe Yield	30 days	Fri 1/30/09	Thu 3/12/09 35,33,43,44	
37	4.3.3	WEI	Characterize Hydrologic Components of Safe Yield	10 days	Fri 3/13/09	Thu 3/26/09 36	
38	4.3.4	WEI	Estimate Recharge from the Deep Percolation of Precipitation and Applied Water	0 days	Thu 3/26/09	Thu 3/26/09 37	
39	4.3.5	WEI	Estimate Recharge in Stream Channels and Existing Storm Water Recharge Facilities	0 days	Thu 3/26/09	Thu 3/26/09 37	
40	4.3.6	WEI	Run Sensitivity Analysis	20 days	Fri 3/27/09	Thu 4/23/09 37	
41	4.3.7	IEUA-MD	Describe Low Impact Development Scenarios for Recent and Future Developments	10 days	Fri 4/24/09	Thu 5/7/09 40	
42	4.3.8	WEI	Describe How Land Use Decisions Affect Safe Yield	5 days	Fri 5/8/09	Thu 5/14/09 41	
43	4.3.9	WEI	Describe Existing Storm Water Recharge Facilities	60 days	Mon 11/3/08	Thu 1/29/09	

**Exhibit B
Recharge Master Plan Update
Chino Basin Watermaster**

ID	Task No.	Whom	Task Name	Duration	Start	Finish	Predecessors
44	4.3.10	WEI	Describe Historical Storm Water Management Operations -- Theoretical and Actual	60 days	Mon 11/3/08	Thu 1/29/09	
45	4.3.11	WEI	Run Sensitivity Analysis to Determine How Storm Water Recharge Decisions Affect Safe Yield	15 days	Fri 3/27/09	Thu 4/16/09	37,43,44
46	4.3.12	WEI	Describe How Storm Water Recharge Decisions Affect Safe Yield	5 days	Fri 4/17/09	Thu 4/23/09	45
47	4.4		Prepare Draft Section 3 of Project Report	35 days	Fri 5/15/09	Thu 7/2/09	
48	4.4.1	WEI	Prepare Draft Section 3 of Project Report	20 days	Fri 5/15/09	Thu 6/11/09	42,46
49	4.4.2	WEI	Review Draft Section 3 with Stakeholders	10 days	Fri 6/12/09	Thu 6/25/09	48
50	4.4.3	WEI	Incorporate Comments and Finalize Draft Section 3	5 days	Fri 6/26/09	Thu 7/2/09	49
51							
52	5		Conduct Initial Integrated Review of Water Demands and Water Supply Plans	112 days	Mon 10/13/08	Mon 3/23/09	
53	5.1		Prepare Initial Water Demands and Water Supply Plans	25 days	Mon 10/13/08	Fri 11/14/08	
54	5.1.1	IEUA	Prepare Initial Water Demands for the IEUA Service Area	10 days	Mon 11/3/08	Fri 11/14/08	
55	5.1.2	IEUA	Prepare Initial Water Demands for the TVMWD Service Area	10 days	Mon 11/3/08	Fri 11/14/08	
56	5.1.3	IEUA	Prepare Initial Water Demands for the WMWD Service Area	10 days	Mon 10/13/08	Fri 10/24/08	
57	5.2	IEUA	Integrate Water Demands and Water Supply Plans	5 days	Mon 11/17/08	Fri 11/21/08	54,55,56
58	5.3	WEI	Project Replenishment Obligations	27 days	Mon 11/24/08	Mon 1/5/09	57
59	5.4		Characterize the Ability to Replenish With Existing Resources Pursuant to the Judgment	35 days	Tue 1/6/09	Mon 2/23/09	
60	5.4.1	WEI	Characterize the Reliability of Supplemental Water Supplies	22 days	Tue 1/6/09	Wed 2/4/09	58
61	5.4.2	WEI	Characterize the Availability of Existing Recharge Facilities	22 days	Tue 1/6/09	Wed 2/4/09	58
62	5.4.3	WEI	Estimate the Time History of Replenishment Shortage/Surplus	2 days	Thu 2/5/09	Fri 2/16/09	61,60
63	5.4.4	WEI	Characterize How the Reliability of Supplemental Supplies Affects the CURO	1 day	Mon 2/9/09	Mon 2/9/09	62
64	5.4.5	WEI	Describe Potential for Pre-emptive Replenishment	22 days	Tue 1/6/09	Wed 2/4/09	58
65	5.4.6	WEI	Define the Range of Recharge Capacity Required for Replenishment	5 days	Tue 2/10/09	Mon 2/16/09	63
66	5.4.7	WEI	Define Supplemental Recharge Capacity Requirements for Non Replenishment Purposes	5 days	Tue 2/17/09	Mon 2/23/09	65
67	5.5		Prepare Section 4 of Project Report	20 days	Tue 2/24/09	Mon 3/23/09	
68	5.5.1	WEI	Prepare Draft Section 4 of Project Report	5 days	Tue 2/24/09	Mon 3/2/09	63,58,62,65,66
69	5.5.2	WEI	Review Draft Section 4 with Stakeholders	10 days	Tue 3/3/09	Mon 3/16/09	68
70	5.5.3	WEI	Incorporate Comments and Finalize Draft Section 4	5 days	Tue 3/17/09	Mon 3/23/09	69
71							
72	6		Describe Storm Water Recharge and Recharge Enhancement Opportunities	149 days	Tue 12/9/08	Thu 7/9/09	
73	6.1		Describe Existing Storm Water Management and Recharge	74 days	Tue 12/9/08	Thu 3/26/09	
74	6.1.1	CBWCD	Describe Regional and Local Policies Related to Storm Water Management and Recharge	24 days	Mon 1/5/09	Thu 2/5/09	
75	6.1.2	CBWCD	Describe Regional Storm Water Management and Recharge Facilities	39 days	Tue 12/9/08	Thu 2/5/09	
76	6.1.3	CBWCD	Describe Local Storm Water Management and Recharge Facilities	38 days	Mon 1/5/09	Wed 2/25/09	
77	6.1.4	WEI	Estimate the Expected Storm Water Recharge with Existing Practices and Facilities	21 days	Thu 2/26/09	Thu 3/26/09	74,75,76
78	6.2		Identify Potential Storm Water Management Projects	79 days	Mon 1/5/09	Thu 4/23/09	
79	6.2.1	CBWCD	Describe Potential Regional Storm Water Recharge Projects	20 days	Fri 2/6/09	Thu 3/5/09	75
80	6.2.2	CBWCD	Describe Potential Local Storm Water Recharge Facilities	20 days	Thu 2/26/09	Wed 3/25/09	76
81	6.2.3	CBWCD	Identify and Recommend Potential Changes in Storm Water Management Policy to Increase Recharge	60 days	Mon 1/5/09	Fri 3/27/09	
82	6.2.4	WEI	Estimate the Expected Increase in Storm Water Recharge for Each Potential New Recharge Facility	19 days	Mon 3/30/09	Thu 4/23/09	79,80,81
83	6.2.5	CBWCD	Estimate the Supplemental Water Recharge Capacity for Each Potential New Storm Water Recharge Facility	19 days	Mon 3/30/09	Thu 4/23/09	79,80,81

**Exhibit B
Recharge Master Plan Update
Chino Basin Watermaster**

ID	Task No.	Whom	Task Name	Duration	Start	Finish	Predecessors
84	6.3		Develop New Storm Water Recharge Alternatives	20 days	Fri 4/24/09	Thu 5/21/09	
85	6.3.1	CBWCD	Formulate Alternatives (Combinations of Facility and Associated Operating Plans)	10 days	Fri 4/24/09	Thu 5/7/09	83
86	6.3.2	WEI	Estimate the Expected Increase in Storm Water Recharge for Each Alternative	10 days	Fri 5/8/09	Thu 5/21/09	85
87	6.3.3	CBWCD	Prepare Cost Opinions for Each Alternative (Capital, O&M, Unit Cost)	10 days	Fri 5/8/09	Thu 5/21/09	85
88	6.3.4	CBWCD	Describe Implementation Barriers	10 days	Fri 5/8/09	Thu 5/21/09	85
89	6.3.5	CBWCD	Describe Policy Changes	10 days	Fri 5/8/09	Thu 5/21/09	85
90	6.4		Prepare Section 5 of Project Report	55 days	Fri 4/24/09	Thu 7/9/09	
91	6.4.1	CBWCD	Prepare Draft Section 5 of Project Report	30 days	Fri 4/24/09	Thu 6/4/09	83
92	6.4.2	CBWCD	Review Draft Section 5 with Stakeholders	20 days	Fri 6/5/09	Thu 7/2/09	91
93	6.4.3	CBWCD	Incorporate Comments and Finalize Draft Section 5	5 days	Fri 7/3/09	Thu 7/9/09	92
94							
95	7		Describe Supplemental Water Recharge and Supplemental Water Recharge Enhancement Opportunities	244 days	Wed 9/10/08	Fri 8/21/09	
96	7.1		Characterize Existing Supplemental Water Recharge Capacity	20 days	Mon 2/2/09	Fri 2/27/09	
97	7.1.1	B&V	Describe Regional Supplemental Water Recharge Facilities	20 days	Mon 2/2/09	Fri 2/27/09	
98	7.1.2	B&V	Describe Local Supplemental Water Recharge Facilities	20 days	Mon 2/2/09	Fri 2/27/09	
99	7.2	CBW-BP	Describe the Need for New Supplemental Water Recharge Capacity	0 days	Mon 2/23/09	Mon 2/23/09	65,66
100	7.3		Identify New Supplemental Water Recharge Projects	165 days	Wed 9/10/08	Mon 5/4/09	
101	7.3.1	B&V	Describe Potential Regional Supplemental Water Recharge Projects	40 days	Mon 3/2/09	Fri 4/24/09	97,98
102	7.3.2	B&V	Describe Potential Local Supplemental Water Recharge Facilities	40 days	Mon 3/2/09	Fri 4/24/09	97,98
103	7.3.3	CBW-BP & B&V	Identify and Recommend Potential Changes in Supplemental Water Management Policy to Increase Recharge	20 days	Mon 4/27/09	Fri 5/22/09	101,102
104	7.3.4	B&V	Estimate the Expected Increase in Supplemental Water Recharge for Each Potential New Recharge Facility	20 days	Mon 5/25/09	Fri 6/19/09	103
105	7.3.5	B&V	Prepare Cost Opinions for Each Alternative (Capital, O&M, Unit Cost)	20 days	Mon 5/25/09	Fri 6/19/09	103
106	7.3.6	CBW-BP & B&V	Describe Implementation Barriers	20 days	Mon 5/25/09	Fri 6/19/09	103
107	7.4		Prepare Section 6 of Project Report	45 days	Mon 6/22/09	Fri 8/21/09	
108	7.4.1	CBW-BP & B&V	Prepare Draft Section 6 of Project Report	20 days	Mon 6/22/09	Fri 7/17/09	106
109	7.4.2	CBW-BP & B&V	Review Draft Section 6 with Stakeholders	20 days	Mon 7/20/09	Fri 8/14/09	108
110	7.4.3	CBW-BP & B&V	Incorporate Comments and Finalize Draft Section 6	5 days	Mon 8/17/09	Fri 8/21/09	109
111							
112	8		Integrate Storm and Supplemental Water Recharge Projects	121 days	Mon 8/17/09	Mon 2/1/10	
113	8.1	CBW_BP, B&V, WEI	Formulate Alternatives that Maximize Storm and Supplemental Water Recharge (Combinations of Facility and Associated Operating Plans)	10 days	Mon 8/17/09	Fri 8/28/09	92,109
114	8.2		Characterize Groundwater Basin Response	40 days	Mon 8/31/09	Fri 10/23/09	
115	8.2.1	WEI	Simulate Recharge Operations with WLAM and the Watermaster GW Models	30 days	Mon 8/31/09	Fri 10/9/09	113
116	8.2.2	WEI	Characterize Groundwater Response and Safe Yield	10 days	Mon 10/12/09	Fri 10/23/09	115
117	8.3		Financial Analysis	50 days	Mon 8/31/09	Fri 11/6/09	
118	8.3.1	WEI	Prepare Cost Opinions for Each Alternative (Capital, O&M, Unit Cost)	10 days	Mon 8/31/09	Fri 9/11/09	113
119	8.3.2	CBW-BP & WEI	Forecast Watermaster Annual Assessments	10 days	Mon 10/26/09	Fri 11/6/09	118,116
120	8.4		Describe Implementation Barriers for Each Alternative	5 days	Mon 11/9/09	Fri 11/13/09	116,119
121	8.5		Describe Policy Changes for Each Alternative	5 days	Mon 11/9/09	Fri 11/13/09	116,119,118
122	8.6		Rank Alternatives	31 days	Mon 11/16/09	Mon 12/28/09	
123	8.6.1	WEI	Prepare Matrix for the Alternatives and Ranking Criteria	10 days	Mon 11/16/09	Fri 11/27/09	116,118,119,120,
124	8.6.2	WEI	Score Each Alternative and Rank	10 days	Mon 11/30/09	Fri 12/11/09	123

**Exhibit B
Recharge Master Plan Update
Chino Basin Watermaster**

ID	Task No.	Whom	Task Name	Duration	Start	Finish	Predecessors
125	8.6.3	WEI	Conduct Workshop to Review Ranking and to Obtain Stakeholder Input	10 days	Mon 12/14/09	Fri 12/25/09	124
126	8.6.4	WEI	Finalize Matrix and Ranking	1 day	Mon 12/28/09	Mon 12/28/09	125
127	8.7		Prepare Sections 7 and 8 of Project Report	25 days	Tue 12/29/09	Mon 2/1/10	
128	8.7.1	WEI	Prepare Draft Sections 7 and 8 of Project Report	10 days	Tue 12/29/09	Mon 1/11/10	126
129	8.7.2	WEI	Review Draft Sections 7 and 8 with Stakeholders	10 days	Tue 1/12/10	Mon 1/25/10	128
130	8.7.3	WEI	Incorporate Comments and Finalize Draft Sections 7 and 8	5 days	Tue 1/26/10	Mon 2/1/10	129
131							
132	9		Conduct Final Integrated Review of Water Demands and Water Supply Plans	61 days	Tue 1/26/10	Tue 4/20/10	
133	9.1		Finalize Water Demands and Water Supply Plans	20 days	Tue 1/26/10	Mon 2/22/10	
134	9.1.1	IEUA	Finalize Water Demands for the IEUA Service Area	20 days	Tue 1/26/10	Mon 2/22/10	129
135	9.1.2	IEUA	Finalize Water Demands for the TMWD Service Area	20 days	Tue 1/26/10	Mon 2/22/10	129
136	9.1.3	IEUA	Finalize Water Demands for the WMWD Service Area	20 days	Tue 1/26/10	Mon 2/22/10	129
137	9.2	IEUA	Integrate Water Demands and Water supply Plans	5 days	Tue 2/23/10	Mon 3/1/10	134, 135, 136
138	9.3	CBW_BP	Project Range of Future Replenishment Obligations	5 days	Tue 3/2/10	Mon 3/8/10	137
139	9.4		Characterize the Ability to Replenish With Existing and New Resources Pursuant to the Judgment	6 days	Tue 3/9/10	Tue 3/16/10	
140	9.4.1	WEI	Identify New Facilities and New Operating Plans Required for Supplemental Water Recharge	5 days	Tue 3/9/10	Mon 3/15/10	138
141	9.4.2	WEI	Forecast the Time History of Replenishment Shortage/Surplus and the CURO	1 day	Tue 3/16/10	Tue 3/16/10	140
142	9.5		Prepare Section 9 of Project Report	25 days	Wed 3/17/10	Tue 4/20/10	
143	9.5.1	WEI	Prepare Draft Section 9 of Project Report	10 days	Wed 3/17/10	Tue 3/30/10	141
144	9.5.2	WEI	Review Draft Section 9 with Stakeholders	10 days	Wed 3/31/10	Tue 4/13/10	143
145	9.5.3	WEI	Incorporate Comments and Finalize Draft Section 9	5 days	Wed 4/14/10	Tue 4/20/10	144
146							
147	10		Prepare Recharge Master Plan	75 days	Tue 1/26/10	Mon 5/10/10	
148	10.2	WEI	Describe New Recharge Projects to Meet Replenishment Obligations	5 days	Tue 3/16/10	Mon 3/22/10	140
149	10.3	WEI	Describe New Recharge Projects to Maximize Storm Water Recharge	5 days	Tue 1/26/10	Mon 2/1/10	129
150	10.4	WEI	Develop Schedule to Construct Recharge Improvements	10 days	Tue 3/23/10	Mon 4/5/10	148, 149
151	10.5	WEI	Describe Financing Alternatives	10 days	Tue 3/23/10	Mon 4/5/10	148, 149
152	10.6	WEI	Describe Monitoring Requirements	5 days	Tue 3/23/10	Mon 3/29/10	148, 149
153	10.7		Prepare Section 10 of Project Report	25 days	Tue 4/6/10	Mon 5/10/10	
154	10.7.1	WEI	Prepare Draft Section 10 of Project Report	10 days	Tue 4/6/10	Mon 4/19/10	150, 151, 152
155	10.7.2	WEI	Review Draft Section 10 with Stakeholders	10 days	Tue 4/20/10	Mon 5/3/10	154
156	10.7.3	WEI	Incorporate Comments and Finalize Draft Section 10	5 days	Tue 5/4/10	Mon 5/10/10	155
157							
158	11		Prepare Final Report	51 days	Wed 4/21/10	Wed 6/30/10	
159	11.1	WEI	Prepare Draft Report Integrating the Work Products of Tasks 1 through 10	20 days	Wed 4/21/10	Tue 5/18/10	145
160	11.2		Review Draft	21 days	Wed 5/19/10	Wed 6/16/10	
161	11.2.1	WEI	Review Written Comments, Prepare Responses, Revise Report	15 days	Wed 5/19/10	Tue 6/8/10	159
162	11.2.2	WEI	Conduct Stakeholder Workshop	6 days	Wed 6/9/10	Wed 6/16/10	161
163	11.3	WEI	Finalize Report	10 days	Thu 6/17/10	Wed 6/30/10	162

CHINO BASIN WATERMASTER
Case No. RCV 51010
Chino Basin Municipal Water District v. The City of Chino

PROOF OF SERVICE

I declare that:

I am employed in the County of San Bernardino, California. I am over the age of 18 years and not a party to the within action. My business address is Chino Basin Watermaster, 9641 San Bernardino Road, Rancho Cucamonga, California 91730; telephone (909) 484-3888.

On December 23, 2008 I served the following:

1) WATERMASTER'S COMPLIANCE WITH CONDITION SUBSEQUENT NUMBER SEVEN; SUPPLEMENT TO CONDITION SUBSEQUENT NUMBER FIVE

BY MAIL: in said cause, by placing a true copy thereof enclosed with postage thereon fully prepaid, for delivery by United States Postal Service mail at Rancho Cucamonga, California, addresses as follows:
See attached service list: Mailing List 1


BY PERSONAL SERVICE: I caused such envelope to be delivered by hand to the addressee.

BY FACSIMILE: I transmitted said document by fax transmission from (909) 484-3890 to the fax number(s) indicated. The transmission was reported as complete on the transmission report, which was properly issued by the transmitting fax machine.

BY ELECTRONIC MAIL: I transmitted notice of availability of electronic documents by electronic transmission to the email address indicated. The transmission was reported as complete on the transmission report, which was properly issued by the transmitting electronic mail device.

I declare under penalty of perjury under the laws of the State of California that the above is true and correct.

Executed on December 23, 2008 in Rancho Cucamonga, California.



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