

Beaumont Basin Watermaster

2011 Annual Report

FINAL

2011 Watermaster Board

Duane Burk, City of Banning, **Chairman**

George Jorritsma, South Mesa Water Company, **Vice Chairman**

Eric Fraser, Beaumont Cherry Valley Water District, **Secretary**

Joseph Zoba, Yucaipa Valley Water District, **Treasurer**

David Dillon, City of Beaumont

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Vavrine, Trine, Day & Co., LLP, **Financial Auditors**

April 2013

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April 10, 2013

Duane Burk, Chairman
Beaumont Basin Watermaster
560 Magnolia Avenue
Beaumont, CA 92223

Subject: **Beaumont Basin Watermaster
Final Annual Report for Calendar Year 2011**

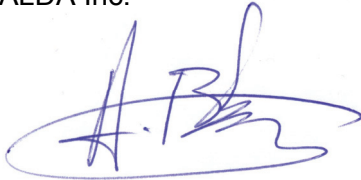
Dear Mr. Burk:

ALDA Inc., in association with Thomas Harder & Co. is pleased to submit to you, as Chairman of the Beaumont Basin Watermaster, the Beaumont Basin Watermaster Annual Report for Calendar Year 2011. This final report incorporates all comments received from members of the Board and public in general and summarizes all production, spreading, and storage activities that took place during calendar year 2011. Further, the report documents changes in water levels and storage conditions as well as an estimate of the Basin Operating Safe Yield for 2011.

Should you have any questions on this matter, please contact us at 909-587-9916 during normal business hours.

Very truly yours

ALDA Inc.



F. Anibal Blandon, P.E.
Principal

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Abbreviations

ac-ft	acre-feet
ac-ft/yr	acre-feet per year
Banning	City of Banning
Basin	Beaumont Basin
BCVWD	Beaumont-Cherry Valley Water District
Beaumont	City of Beaumont
CY	calendar year
du	dwelling unit
FY	fiscal year
IRWMP	Integrated Regional Water Management Program
Pass Agency	San Gorgonio Pass Water Agency
SMWC	South Mesa Water Company
STWMA	San Timoteo Watershed Management Authority
STWMP	San Timoteo Watershed Management Program
SWP	State Water Project
Watermaster	Beaumont Basin Watermaster
WEI	Wildermuth Environmental, Inc.
YVWD	Yucaipa Valley Water District

Section 1

Background

The Ninth Annual Report of the Beaumont Basin Watermaster (Watermaster) summarizes the activities and operations of Watermaster for Calendar Year (CY) 2011.

1.1 History of the Beaumont Basin Stipulated Judgment

In January 2001, the City of Beaumont (Beaumont), the Beaumont-Cherry Valley Water District (BCVWD), the South Mesa Water Company (SMWC), and the Yucaipa Valley Water District (YVWD) formed the San Timoteo Watershed Management Authority (STWMA). One of the initial tasks of STWMA was to develop a watershed-wide program to develop and implement a comprehensive management program for the San Timoteo watershed.

Phase I of the management program, documented in the San Timoteo Watershed Management Program, Phase I Report (WEI, 2002), included the following goals:

- Enhancing water supplies
- Protecting and enhancing water quality
- Optimizing the management of STWMA area groundwater basins
- Protecting riparian habitat in San Timoteo Creek and protecting/enhancing habitat in the STWMA area
- Equitably distributing the benefits and costs of developing the Integrated Regional Watershed Management Program for the San Timoteo watershed

One of the elements identified in the management plan to achieve the listed goals consisted in the establishment of a groundwater management entity for the Beaumont Basin. As a result of this initiative, two groups representing overlying users and water agencies with interest in this basin began negotiations in May 2002.

Over the next 18 months of negotiations, a Stipulated Agreement was developed and submitted to the Court. Honorable Judge Gary Tranbarger of the Superior Court of the State of California for the County of Riverside signed the Agreement, titled “San Timoteo Watershed Management Authority, vs. City of Banning, et al.” (Case No. RIC 389197), on February 4, 2004, (the Judgment).

Pursuant to the Judgment, the Court appointed a five-member Watermaster committee, consisting of representatives from each of the Appropriator parties: the City of Banning, Beaumont, BCVWD, SMWC, and YVWD. The effective date of the Judgment for accounting purposes was retroactively established to July 1, 2003.

The Court gave the responsibility of managing the Basin to the Watermaster by approving the Stipulated Agreement but retained continuing jurisdiction should there be any future need to resolve difficult questions among the Parties.

1.2 Essential Elements of the Judgment

Elements of the 2004 Judgment are as follows:

- All producers shall be allowed to pump sufficient water from the Basin to meet their respective requirements.
- The Safe Yield of the Basin was established at 8,650 ac-ft/yr to be distributed among the Overlying Producers. The Safe Yield of the Basin is to be re-evaluated every 10 years, at a minimum.
- The Overlying Parties can extract a combined total of 8,650 ac-ft/yr. with individual rights set for each Overlying Producer. If an Overlying Party pumps more than five times its share of the operating safe yield in any five consecutive years, the overlying producer shall provide Watermaster with sufficient funds to replace the overproduction.
- A controlled overdraft of the basin is allowed to create enough additional storage capacity to prevent the waste of water. This controlled overdraft, also known as Temporary Surplus, allows Appropriators to extract up to 160,000 ac-ft of water from the basin over the 10-year period immediately following the Judgment inception. The Temporary Surplus will cease after the initial 10 years of operations.
- During the first ten years after adoption of the Judgment, the Appropriators have the right to extract, as a whole, a maximum of 16,000 ac-ft/yr not including storage credits from spreading supplemental water or transfers from Overlying Parties. The Temporary Surplus has been divided among the Appropriators as follows:

✓	Beaumont Cherry Valley WD	42.51 percent or 6,802 ac-ft/yr
✓	City of Banning	31.43 percent or 5,029 ac-ft/yr
✓	South Mesa Water Company	12.48 percent or 1.997 ac-ft/yr
✓	Yucaipa Valley Water District	13.58 or 2,173 ac-ft/yr
- After the first 10 years of operation, Appropriators can extract only the amount each has in storage or credited to them. An Appropriator shall provide Watermaster with sufficient funds to replace any amount of overproduction that may have occurred over a five-year consecutive period.
- The Watermaster has the authority to enter into Groundwater Storage Agreements with producers for the storage of supplemental water, wellhead protection and recharge, well abandonment, well construction, monitoring, replenishment, mitigation of overdraft, and collection of assessments.
- Supplemental replenishment water can be in the form of recycled water, imported State Project Water, or other imported water. Replenishment can be accomplished by spreading and percolation, injection, or in-lieu use of surface water or imported water.
- A minimum of 200,000 ac-ft of groundwater storage capacity shall be reserved for conjunctive use. Any person, party to the Judgment can make reasonable beneficial use

of the groundwater storage capacity for storage of supplemental water provided that it is in accordance with a storage agreement with Watermaster.

- Minimal producers, those producing less than 10 ac-ft/yr from the basin, and not listed in the Judgment, are exempt from the provisions of the Judgment.

1.3 Watermaster Responsibilities

Under the Judgment, the Watermaster is granted discretionary powers to develop and implement a groundwater management plan for the Beaumont Basin, including water quality and quantity considerations and being reflective of the provisions of the Judgment.

In carrying out its duties, Watermaster is responsible for providing the legal and practical means of ensuring that the waters of the Basin are put to maximum beneficial use. Specific responsibilities are summarized below.

1.- Administer the Beaumont Basin Judgment. Watermaster operates under the Judgment and the Rules and Regulations, which were originally adopted June 8, 2004, and subsequently amended in 2006 and 2008. The Judgment and the Rules and Regulations establish the procedures by which Watermaster accounts for the water resources of the Basin. Watermaster has the power to collect administrative assessments from all Appropriators and replenishment assessments from those parties (Appropriative and Overlying) pumping in excess of their pumping right to fund its operations. Each year, Watermaster publishes an Annual Report, which documents production and recharge activities in the Beaumont Basin.

2.- Approve Producer Activities. All producers must notify and obtain approval, as necessary, from Watermaster for activities, such as recharging water, transferring or exchanging water, storing local water, and storing or recovering supplemental water.

3.- Maintain and Improve Water Supply. On an annual basis, Watermaster determines the amount of groundwater that each producer is entitled to pump from the Basin without incurring a replenishment obligation. Further, Watermaster is responsible for facilitating and coordinating the acquisition, recharge, and storage of imported water or other local supplemental water to replenish and/or conjunctively manage the Basin to increase local supplies.

4.- Monitor and Understand the Basin. Watermaster is responsible for collecting information from producers, and other cooperating agencies, in order to enhance its knowledge of how the Basin works and manage it more effectively. Information collected by the Watermaster includes:

- Water production, water level, and water quality information from the Appropriator Parties.
- Water production and water level information from the Overlying Parties.
- Water level and water quality data from the City of Beaumont, collected by the city as part of their Maximum Benefit and Monitoring Program.
- Ground surface elevations from periodic surveys conducted to determine whether ground subsidence may be occurring as a result of over pumping from the basin.

5.- Maintain and Improve Water Quality. Watermaster coordinates and participates in local efforts to preserve and/or enhance the quality of groundwater in the Basin. It assists and encourages regulatory agencies to enforce water quality regulations that may have an effect on the Basin groundwater sources and its surrounding resources. One of these programs is the Maximum Benefit Monitoring Program of the Beaumont Management Zone.

6.- Develop and Administer a Well Policy. Watermaster is responsible for developing a policy on the proper construction and abandonment of wells in the Basin. Through the adoption of Resolution 2004-04, the Watermaster adopted minimum standards for the construction, repair, abandonment and destruction of groundwater extraction wells in the Beaumont Basin. As part of this resolution, Watermaster adopted Riverside County Ordinance No. 682.3 and expanded it to require the installation of a sounding tube in order to facilitate the measurement of water levels on all future wells.

7.- Develop Contracts for Beneficial Programs and Services. Watermaster is responsible for developing and entering into contracts for programs and services that are beneficial to the Basin on behalf of the Parties to the Judgment. This includes programs for conjunctively utilizing the Basin for the storage of supplemental water with other agencies and programs to implement and expand the direct or indirect use of recycled water.

8.- Provide Cooperative Leadership. Watermaster may act jointly or cooperate with other local, state, and/or federal agencies to develop and implement regional scale programs for the management of the Basin and its surrounding resources.

1.4 Watermaster Address

For the purposes of conducting Watermaster business and maintaining records, Watermaster's official address remains as follows:

Office of the Watermaster Secretary
C/O Beaumont-Cherry Valley Water District
560 Magnolia Avenue
Beaumont, CA 92223

1.5 Watermaster Website

Watermaster website address is www.beaumontbasinwatermaster.org. This website is maintained by the YVWD and it is used by the Watermaster to communicate its activities to the Parties and the public. The website contains copies of the Judgment, the Rules and Regulations, Annual Reports, and Engineer's Reports. In addition, it contains meeting minutes, meeting agendas, and other documents of interest.

1.6 Mission Statement

Watermaster adopted the following mission statement in October 2004:

"Watermaster's mission is to manage the yield of and storage within the Beaumont Basin to provide maximum benefit to the people dependent on it."

Section 2

Watermaster Activities

2.1 Makeup of the Board

During the September 21, 2011 regular meeting of the Beaumont Basin Watermaster, elections were held; the following officers to the Watermaster Committee were appointed:

- Mr. Duane Burk – Chairman
- Mr. George Jorritsma – Vice Chairman
- Mr. Eric Fraser – Secretary
- Mr. Joe Zoba – Treasurer

The Committee Representatives serving each Appropriator Party during CY 2011 were as follows:

- City of Banning - Duane Burk, Director of Public Works
- City of Beaumont - Dave Dillon, Economic Development Director
- Beaumont-Cherry Valley Water District – Eric Fraser, General Manager
- South Mesa Water Company - George Jorritsma, General Manager
- Yucaipa Valley Water District - Joseph B. Zoba, General Manager

Legal counsel during CY 2011 was provided by Mr. Joseph S. Aklufi while Engineering Services were provided by Wildermuth Environmental Inc. (WEI).

2.2 Watermaster Accomplishments and Activities During 2011

2.2.1 Watermaster Meetings

A total of four meetings were held during CY 2011 on the following dates:

- April 7, 2011
- September 21, 2011
- October 26, 2011
- December 7, 2011

Agendas and approved minutes from each of the above meetings can be viewed at and/or downloaded from Watermaster's website or by making a request to the Watermaster Secretary. Pursuant to Resolution 2009-001, all of Watermaster's public records are open for inspection during office hours, provided that a written request to inspect said records has been submitted. It should be noted that the minutes for the October 26, 2011 meeting are not currently posted at the Watermaster's website.

2.2.2 Board Resolutions

Resolution No. 2011-01 was adopted during the September 21, 2011 regular board meeting. Through this resolution, the Watermaster amended Rule 2.12 of the Beaumont Basin Watermaster Rules and Regulations to change the annual reporting of Watermaster activities from a fiscal year basis to a calendar year basis starting in CY 2011.

The adopted resolution reads as follows:

“2.12 Annual Report. A draft annual report shall be prepared by May and final report shall be prepared by July of each year. At a minimum, the annual report will describe Watermaster’s operations, assessments and expenditures, and a review of Watermaster activities. The annual report shall also include a summary report describing and updating any basin condition information collected or analyzed and a current active party list.”

2.2.3 Items Discussed in 2011

The following items were discussed during the four meetings held during CY 2011 along with their resulting outcome.

Items Discussed During April 7, 2011 Regular Board Meeting

- Presentation of Resolution No. 2011-01, A Resolution of the Beaumont Basin Watermaster Adopting an Amendment to Rule 2.12 “Annual Report” of the Rules and Regulations of the Watermaster. Mr. Zoba recommended to table this item as legal counsel needs to clarify some of the dates of completion of the reports mentioned in the resolution.
- Budget Proposal to Prepare the Beaumont Basin Watermaster Annual Report covering FY 2009-10 and FY 2010-11. The proposed budget was adopted.

Items Discussed During September 21, 2011 Regular Board Meeting

- Reorganization of the Beaumont Basin Watermaster Committee Appointment of Officers. The newly appointed members of the Committee are listed earlier in this section.
- Presentation of Draft Budget for Fiscal Year 2011-12. A proposed budget for FY 2012 was proposed in the amount of \$40,430.25; this amount was approximately 10 percent lower than the approved budget for FY 2011 of \$44,659.00. A more detailed breakdown of the proposed budget for FY 2012 is presented under Section 2.3. The proposed budget was adopted.
- Review of Draft Basin Accounting Agreement between Beaumont Basin Watermaster and San Gorgonio Pass Water Agency. Action on this item was postponed.
- Adoption of Resolution No. 2011-01 to amend Rule 2.12 “Annual Report” of the Rules and Regulations of the Watermaster. This resolution was previously discussed in this section. Resolution was adopted as presented.

- Preparation of a Request for Proposals for Annual Reporting Services. Mr. Zoba offered to take the lead in preparing a draft RFP to be presented at the next board meeting.
- Overview of legal Services for the Beaumont Basin Watermaster. A recommendation to hire independent legal services was provided. Mr. Fraser was directed to prepare RFP for legal services.

Items Discussed During October 26, 2011 Regular Board Meeting

- Minutes for this meeting were not posted to the website for inclusion into the final report..

Items Discussed During December 7, 2011 Regular Board Meeting

- Presentation of the Draft Combined 7th and 8th Annual Report of the Beaumont Basin Watermaster. After much discussion and due to several items requiring additional explanations and research, the Committee recommended scheduling a workshop to further discuss this item.

2.3 Storage Applications and Agreements

The first applications to use the Basin for storage purposes were approved in FY 2005-06 when Watermaster approved applications by Banning, BCVWD, SMWC, and YVWD to store up to 135,000 ac-ft of water in the Basin. Beaumont's application to store water was approved by Watermaster in FY 2007-08 bringing the total storage allocation to 157,000 ac-ft. In FY 2009-10, Watermaster approved applications by Banning, BCVWD, Beaumont, and YVWD to increase the total storage allowed to 260,000 ac-ft. It is our understanding that Watermaster has not yet amended the Storage Agreements to reflect the current storage limits. No additional applications to increase the storage limits were received in CY 2011; however, the Pass Agency notified Watermaster of their interest to submit an application for consideration by the Watermaster. As of December 31, 2011, the total storage allowed stands at 260,000 ac-ft; storage limits by agency are as follows:

- | | |
|---------------------------------|--------------|
| ▪ City of Banning | 80,000 ac-ft |
| ▪ City of Beaumont | 30,000 ac-ft |
| ▪ Beaumont Cherry Valley WD | 80,000 ac-ft |
| ▪ South Mesa Water Company | 20,000 ac-ft |
| ▪ Yucaipa Valley Water District | 50,000 ac-ft |

2.4 Rules and Regulations

The original Rules and Regulations of the Watermaster were adopted on June 8, 2004. The Judgment provides for their periodic update as deemed necessary by the Watermaster. No changes to the Rules and Regulations were made during CY 2011.

2.5 Active Party List

Part VII, Paragraph 1 of the Judgment, indicates that Watermaster shall maintain an updated list of parties to whom notices are to be sent for the purpose of service. Said list should include

names, addresses for the Parties or their successors. A copy of the list has been included with this annual report as Appendix B.

2.6 Financial Management

The Watermaster must develop and administer a budget for all administrative, operational, and capital costs it incurs. The following discussion summarizes the budget established for the FY 2012 operations.

2.6.1 Budget

The FY 2012 Budget was approved for \$40,430.25. This budget is \$4,228.75 lower than the approved budget for FY 2011 of \$44,659.00. The majority of the proposed budget was funded from the Watermaster's operating fund, which had a balance of \$40,430.25 at the beginning of the fiscal year. The proposed budget did not require any contributions from member agencies; however, unforeseen events will have to be funded through individual contributions by member agencies.

The following table presents a comparison between the approved budget for FY 2011 and the proposed budget for FY 2012.

<i>Operating Expense</i>	<i>FY 2011 Approved Budget</i>	<i>FY 2012 Proposed Budget</i>
Bank Fees and Interest	\$ 350.00	\$ 500.00
Miscellaneous and Meetings	\$ 5,000.00	\$ 1,000.00
Acquisition/computation & Annual Report	\$17,500.00	\$35,000.00
Annual Audit	\$ 2,200.00	\$ 2,200.00
General Engineering	\$ 5,000.00	\$ 0.00
Groundwater Level Monitoring Program	\$10,000.00	\$ 0.00
Legal Expenses	\$ 3,500.00	\$ 1,000.00
Reserve Funding	\$ 1,109.00	\$ 730.25
Total Operating Expense	\$44,659.00	\$40,430.25

2.6.2 Financial Audit

The Beaumont Basin Watermaster has a financial audit performed on annually on a fiscal year basis. The audit assists in properly accounting for the revenues and expenses of the Watermaster and tracking the financial resources of the agency. The detailed audit report for FY 2010 was prepared by Siebert Botkin Hickey & Associates and is included under Appendix A.

Their independent auditors' report of the Watermaster's financial statements is that they fairly present the organization's financial position in all material aspects and its operations were conducted in conformity with generally accepted accounting principles.

No recommendations were provided as part of this audit; the results of the audit disclosed no instances of non-compliance or other matters that are required to be reported under Government Auditing Standards.

Section 3

Administration of the Judgment

The Beaumont Basin Watermaster is responsible for the accounting of groundwater production, recharge of supplemental water, groundwater transfers and storage activities. Since the inception of the Judgment accounting has been conducted on a fiscal year basis starting on July 1, 2003.

Through the adoption of Resolution No. 2011-01, on September 21, 2011, Watermaster changed the accounting from a fiscal year basis to a calendar year basis starting in CY 2011. This annual report is the first to document the accounting of groundwater production, recharge, and transfers on a calendar year basis. To properly account for all activities in 2011, it was necessary to incorporate transfers of Unused Overlying Water from CY 2006 to make a proper determination of production rights and storage conditions at the end of 2011. Accounting for the transfers required a monthly analysis of Overlyer production during the second half of FY 2005-06, and the first half of FY 2006-07.

In order to account for Unused Overlyer pumping transfers and revisions to production quantities in previous annual reports, it was necessary to convert all historical accounting from fiscal year to calendar year starting in July 2003.

3.1 Production

The Beaumont Basin Watermaster is responsible for the tracking and accounting of groundwater production by all producers named in the Judgment regardless of the amount of groundwater produced. Other producers, not listed in the Judgment, and pumping less than 10 ac-ft /yr., also known as minimal producers, are exempt from the provisions of the Judgment. Figure 3-1 illustrates the location of all production wells that belong to the Appropriators and Overlying parties of the Judgment.

3.1.1 Appropriative Party Production

There are five Appropriative Producers; namely, Banning, Beaumont, the BCVWD, the SMWC, and the YVWD. The amount that each appropriator produces in any given year, without incurring a replenishment obligation, varies from year to year and results from a combination of:

- Their share of the Operating Yield, based on the Temporary Surplus of 16,000 ac-ft/yr for all Appropriators,
- Transfers from other Appropriators,
- Transfers of unused production from Overlying Producers,
- Water withdrawn from their storage account, and
- New yield created by the Appropriator.

Monthly and annual production by well for each of the five Appropriative Parties since 2003 are presented in a series of tables starting with Table 3-1A for CY 2003 and continuing on an annual

basis through Table 3-1I for CY 2011. These tables also include the overall Temporary Surplus Allocation and the amount of unused production that is eligible for storage for each Appropriator. It should be noted that all production by Appropriators is currently being metered; no information is available as to the accuracy of existing meters.

During CY 2011, Appropriators pumped a combined amount of 11,727 ac-ft of groundwater from the Beaumont Basin. This level of production is less than one percent higher than the 11,641 ac-ft pumped in CY 2010 (See Table 3-1H), but more than 10 percent lower than the 13,115 pumped during CY 2009 (See Table 3-1G). With the exception of BCVWD, all Appropriators pumped less than their share of the Operating Yield in CY 2011 (See Table 3-1I) thus resulting in the addition of 6,902 ac-ft of water to their storage accounts.

3.1.2 Overlying Party Production

Overlying Parties are defined in the Judgment as persons, or their assignees, that are part of the Judgment and who are owners of land which overlies the Beaumont Basin and have exercised Overlying Water Rights to pump therefrom. Overlying Parties include successors in interest and assignees. Overlying Producers were assigned a share of the Basin's Safe Yield, estimated at 8,650 ac-ft/yr, and it may not pump more than five times this amount in any five-year consecutive period without incurring a replenishment obligation.

Currently, there are a total of 17 Overlying Producers in the Basin pumping from 22 groundwater wells. The majority of the larger wells are metered; however, there is no information as to the accuracy of these meters. The remaining wells do not have meters at this time and their production is estimated using the water duty method. This method was initially proposed by Wildermuth Environmental Inc. (WEI), during the preparation of the 2005-06 Annual Report. After being accepted by the Watermaster, an updated water duty method was developed by WEI and it has been used since. The estimate of unmetered production for the CY 2011 Annual Report uses the updated method developed by WEI as detailed in Appendix C.

During CY 2011, nine of the 17 Overlying Parties to the Judgment metered their wells and reported their monthly or annual groundwater production to the Watermaster. However, it should be noted that information was mostly available for the first half of the calendar year. Monthly production for the second half of the year was based on the average production over the last two years. This information will be updated once actual production information becomes available.

Similar to the production reported for the Appropriators, a series of tables was developed to report monthly and annual production from the Overlying Producers on a calendar year basis. Starting with Table 3-2A for CY 2003 and continuing on an annual basis through Table 3-2I for CY 2011, these tables show the actual or estimated production by well and by user. In addition, their share of the safe yield and the amount of unused water for each Overlying Producer is shown.

During CY 2011, Overlying Producers produced an estimated 2,259 ac-ft; this level of production is less than one percent lower than the 2,285 ac-ft pumped in CY 2010 (See Table 3-2H), but close to 20 percent lower than the 2,838 ac-ft pumped in CY 2009 (See Table 3-2G). The

amount of groundwater produced by Overlying Producers in CY 2011 (See Table 3-21) represents approximately 26.1 percent of the safe yield of the basin initially estimated at 8,650 ac-ft/yr. All Overlying Producers pumped less than their respective share of the safe yield.

3.1.3 2003-2011 Annual Production Summary

The annual production on a calendar year basis for all Appropriators and Overlying users is shown in Table 3-3. It should be noted that production in 2003 only includes the second half of the year. Since July 2003, a total of 138,217 ac-ft have been pumped from the Beaumont Basin; approximately 81 percent of this total has been pumped by Appropriators. The percentage of groundwater production from Appropriators has steadily increased since the Judgment inception from a low of 74 percent registered in CY 2003 to a high of 84 percent in CY 2007, 2008, 2010, and 2011.

Groundwater production peaked in CY 2007 when close to 20,000 ac-ft were pumped from the basin; since, it has declined steadily to approximately 14,000 ac-ft. and averaged 16,088 ac-ft/yr for the 2004-11 period. Production from 2003 was excluded as it only represents the second half of that year. In CY 2011, a combined total of 13,987 ac-ft were pumped from the basin; of this total, 11,727 ac-ft, or approximately 84 percent, were pumped by Appropriators. Production for each of the Appropriators and for the Overlying Producers combined is depicted in Figure 3-2.

3.2 Groundwater Recharge

The Watermaster is responsible for maintaining an annual account of all water artificially recharged in the Beaumont Basin and any losses of water supplies or Safe Yield resulting from such recharge water. Sources of groundwater recharge include imported water from the State Water Project (SWP), recycled water, and new yield sources developed in the basin since the Judgment inception in July 2003. The Watermaster has maintained the accounting of groundwater recharge; however, losses from the basin, if any, have not been estimated. Table 3-4 presents a summary of the annual groundwater recharge in the Beaumont Basin since 2003 on a calendar year basis.

3.2.1 State Water Project Water Recharge

BCVWD's Noble Creek spreading facility, located in the vicinity of Beaumont Avenue and Cherry Valley Boulevard, is the only facility in the Beaumont Basin where deliveries of imported water can be used to recharge the groundwater basin. The location of this spreading facility is depicted in Figure 3-1. Deliveries of imported water are conducted through the San Gorgonio Pass Water Agency, which is the State Water Contractor for this area.

The BCVWD began taking deliveries of imported water for groundwater recharge in the Fall of 2006 when close to 3,500 ac-ft were spread pursuant to the storage and recharge agreement on file with Watermaster. Deliveries of imported water for BCVWD have steadily increased over the years; in CY 2011 close to 8,000 ac-ft of imported water were delivered. An overall total of 26,848 ac-ft of imported water have been spread by the BCVWD since 2006. Significant differences between the imported water deliveries provided by the BCVWD

and those documented by the SGPWA were documented in the draft report. The inconsistencies between the BCVWD and SGPWA have been addressed; the quantities of imported water spread in the Beaumont Basin are now consistent between the two agencies.

The City of Banning began purchasing imported water for recharge at the BCVWD's Noble Creek facility in July 2008 and has since recharged 6,413 ac-ft. in accordance with their storage agreement on file with Watermaster. According to Watermaster's records, Banning took delivery of 1,534 ac-ft/yr of imported water in 2008, 2,741 ac-ft in 2009, 1,338 ac-ft in 2010; deliveries in CY 2011 decreased to 800 ac-ft.

In addition to imported water deliveries to BCVWD's Noble Creek facility, SGPWA has also delivered significant quantities of imported water at the Little San Gorgonio Creek Spreading Ponds. These spreading ponds are located outside the adjudicated boundary of the Beaumont Basin and to the north of the Banning Fault, as shown in Figure 3-1. Spreading of imported water at these spreading ponds may be a source of subsurface recharge to the Beaumont Basin; however, Watermaster has not adopted this finding. Consequently, imported water recharge at this location would not be considered as water in the Basin until a hydrogeologic investigation is conducted to evaluate whether a portion or all of this water recharges the Beaumont Basin. Deliveries of imported water by the SGPWA to the Little San Gorgonio Creek Spreading Ponds began in August 2003; the agency has since recharged a total of 7,755 ac-ft. Deliveries of imported water in CY 2011 were 1,842 ac-ft. At the present time, the SGPWA is in the process of negotiating a spreading and storage agreement with Watermaster.

3.2.2 Recycled Water Recharge

Prior to March 2010, Beaumont's recycled water from Wastewater Treatment Plant No. 1 was discharged at Discharge Point No. 1 (DP-001) in Cooper's Creek where it infiltrates into the San Timoteo Management Zone and outside the Beaumont Basin. In March 2010, Beaumont began deliveries of recycled water to Discharge Point No. 7 (DP-007), located along an unnamed tributary of Marshall Creek, as shown in Figure 3-1. It is believed that a portion of the recycled water discharged at this location reaches and recharges the Beaumont Basin; in which case, this would be considered a new source of supplemental water for which Beaumont should receive credit pursuant to the storage agreement with the Watermaster and Section 5.4 of the Rules and Regulations. Technical documentation of the amount of recycled water that reaches and recharges the Beaumont Basin would need to be prepared by Beaumont and considered and accepted by Watermaster.

3.2.3 New Yield Stormwater Recharge

Before accounting for any new yield resulting from the recharge of local surface water, not initially considered as part of the Basin Safe Yield, Watermaster needs to develop a methodology to quantify and credit the New Yield to the party that creates the new recharge. According to Part VI Paragraph 5.V of the Judgment, Watermaster shall make an independent scientific assessment of the estimated new yield created by each proposed project. It is our understanding that Beaumont has been recharging local waters at various locations in the Basin and would like to receive credit for the New Yield developed. For

Beaumont to receive credit however, Watermaster will need to develop the methodology to compute and credit the New Yield dating back to February 20, 2003.

3.3 Water Transfers and Adjustments of Rights

Section 7 of the Watermaster Rules and Regulations provides for the adjustment of rights by and between Appropriators and Overlying Parties. This section indicates that Watermaster shall maintain an accounting for all transfers and include said transfers in the Annual Report or other relevant document. There are three types of transfers that Watermaster accounts for: a) transfer of water rights and/or water in storage between Appropriator Producers, b) transfer of water rights from Overlying Producers to an Appropriator Producer in exchange for water service, and c) the allocation of unused Overlying Water to the Appropriator Parties based on their share of the Operating Safe Yield.

3.3.1 Transfers between Appropriators

According to Section 7.3 of the Rules and Regulations, an Appropriator may transfer all or a portion of its production right or water in storage that exceeds its supply needs to another Appropriator. In January 2008, the SMWC and the BCVWD entered into a transfer agreement that allows BCVWD the option to purchase all water that SMWC determines to be available for transfer from their storage account. As part of the agreement, each year the SMWC estimates the amount of water available for transfer and offers it to the BCVWD for purchase prior to offering it to other Appropriators. Since the beginning of the agreement, SMWC has transferred 9,500 ac-ft of water to BCVWD with 3,500 ac-ft transferred in CY 2011. SMWC also transferred 1,500 ac-ft of water to Banning in 2007. The purchase agreements and transfers between these agencies are on file with Watermaster.

3.3.2 Transfers of Overlying Rights for Service by an Appropriator

The Judgment, under Part III, Paragraph 3, provides that to the extent an Overlying Party request water service from an Appropriator Party, and uses its adjudicated water rights to obtain said service; an equivalent volume of groundwater shall be reserved for the Appropriator Party providing the service to the Overlying Party. Further, Section 7 of the Rules and Regulations indicates that both the Overlying and Appropriator will file a Notice of Adjustments of Rights with Watermaster within 30 days after entering a service agreement.

The BCVWD has given verbal notification to Watermaster that is providing potable service to certain Overlying Parties; however, formal notification by either party for the adjustment of water rights has not been received by Watermaster. A formal notification will be required to complete the transfer of water rights from one or more Overlying Producers to BCVWD; the notification should be retroactive to the time service began. Upon formal completion of the transfer, Watermaster will be required to recalculate the allocation of unused Overlying Water to the Appropriators, as documented in Section 7 of the Rules and Regulations.

3.3.3 Allocation of Unused Overlying Water

Section 7.8 of the Rules and Regulations, adopted on September 9, 2009, by Watermaster, outlines the process for distributing the volume of adjudicated water not produced by the Overlying Parties to the Appropriators. Under this section, if an Overlying Party produces less than five times of their share of the safe yield in any five-year period, the quantity of groundwater not produced by that Overlying Party shall be made available for allocation to the Appropriators. Transferring of unused production from Overlying Users does not diminish their legal right to produce in subsequent years.

Since the inception of the Judgment, transfers of unused production by Overlying Users has been made on a fiscal year basis coinciding with the preparation of the annual report. Preparing the annual report on a calendar year basis requires that the transfers of unused production also be made on the same basis. Based on the five-year format used in the Rules and Regulations, transfers to the Appropriator Parties for CY 2011 were based on unused production from Overlying Users in CY 2006. This required the recalculation of Overlying Users production, back to July 2003, on a calendar year basis. Under this format, unused production from the second half of 2003, with adjusted water rights for half of the year, was transferred to Appropriators for CY 2008. Table 3-5 summarizes the volume of unused Overlying water for CY 2003 through CY 2011. The volume of unused production has grown steadily since CY 2004, when just over 5,000 ac-ft were made available for transfer to CY 2011 when 6,365 ac-ft were reported available for transfer. This represents an increase of 26 percent over this eight year period.

Table 3-6 presents the allocation of unused Overlying water to each Appropriator based on their shares of the safe yield and the schedule set forth under Section 7.8 of the Rules and Regulations. It should be noted that this schedule has been modified to reflect a calendar year basis for allocation; under the modified schedule, unused production in CY 2011 will be allocated to Appropriators during CY 2016.

3.4 Storage Accounting

Section 6.7 of the Watermaster Rules and Regulations indicates that Watermaster shall calculate additions, extractions, and losses of all water stored and any losses of water supplies or Safe Yield resulting from such water stored. This section further indicates that Watermaster shall keep and maintain for public record an annual accounting thereof. While additions (spreading) and extractions (pumping) are easily quantifiable, Watermaster is yet to develop a methodology for estimating losses from storage in the Basin.

3.4.1 Annual Storage Consolidation

Previous annual reports have shown the consolidation of water storage in the basin for each of the Appropriators on a fiscal year basis, the new format for the annual report requires that all production, spreading, and transfers be converted to a calendar year basis. Table 3-7 represents the consolidation of each Appropriator's storage account from CY 2003 through CY 2011. This table includes annual production by Appropriator, their share of Temporary Surplus, supplemental water recharge in its various forms, transfers between Appropriators,

and transfers of unused water from Overlying Users. At the end of 2010, an overall total of 56,859 ac-ft of water were stored in the Basin; this amount increased by 18,781 ac-ft in CY 2011 to a cumulative total of 74,964 ac-ft. As of the end of CY 2011, the City of Banning has the largest share (48.8 percent of total storage) of water in storage with 36,605 ac-ft.

3.4.2 Reconciliation between Fiscal Year and Calendar Year Reporting

Table 3-8 presents a comparison of the storage balance presented in Table 3-7 of the Combined 7th and 8th Annual Report of the Beaumont Basin Watermaster, which was calculated on a fiscal year basis with the changes in storage calculated in this report using a calendar year basis. The difference for all Appropriators combined was estimated as 536.4 ac-ft higher using the calendar year basis or approximately 0.72 percent of the calculated total of 74,964 ac-ft. On an individual basis, storage accounts for SMWC and YVWD increased slightly by 0.15 percent. The storage account for Banning increased by over 2,400 ac-ft while BCVWD's decreased by approximately 1,900 ac-ft. The main reason for this large discrepancy is related to accounting errors in imported water spreading that have not been reported. Other reasons for the discrepancies include:

- Inconsistencies between production documented in previous reports and production records obtained from Appendix C of the 7th and 8th Annual Reports.
- Lower production levels assigned to certain Overlying Users in 2003 and 2004.
- Inconsistencies on estimated groundwater production using the Water Duty method

3.5 Changes in Groundwater Levels in the Beaumont Basin

3.5.1 Analysis of Groundwater Level Changes

Groundwater contour maps were generated for Fall 2010 and Fall 2011 in order to evaluate changes in groundwater flow patterns and basin-wide changes in the groundwater levels. Groundwater level data for the contour maps were obtained from Wildermuth Environmental Inc. Groundwater levels were selected from wells with available data in the October to December period (i.e. Fall) of each year. For wells with available data, the groundwater level record for the target time period was evaluated to distinguish static groundwater levels from pumping groundwater levels. Only static groundwater levels were used for developing contour maps. The resulting maps for 2010 and 2011 are shown on Figures 3-3 and 3-4, respectively.

Groundwater flow within the Beaumont Basin generally depends on location with respect to a groundwater flow divide which occurs in the center of the basin approximately coincident with the Noble Creek drainage (see Figures 3-3 and 3-4). West of the Noble Creek drainage, groundwater generally flows to the northwest and ultimately towards San Timoteo Wash. East of the Noble Creek drainage, groundwater flows to the southeast towards the City of Banning. The groundwater flow directions did not change significantly between 2010 and 2011.

Basin-wide groundwater level trends in the Beaumont Basin were evaluated based on hydrographs from eight key wells and the groundwater level change map developed by subtracting the 2010 groundwater surface from the 2011 groundwater surface (see Figures 3-5 and 3-6). In the northwest portion of the basin, groundwater levels have been relatively stable with the exception of Well SMOA 2 where groundwater levels continued to decline through 2011. In the north central portion of the basin (TW-1), groundwater levels are rising in response to artificial recharge at the Noble Creek Recharge Facility. In the south-central portion of the basin, groundwater levels at Oak Valley No. 1 have risen in 2011 although they had been declining prior to this time. At BCVWD Well No. 2, groundwater levels fluctuated throughout the year but generally increased. At Banning Well C-4 (southeast Beaumont Basin), groundwater levels showed a slight decline in 2011.

3.5.2 Analysis of Change in Groundwater Storage

Basin-wide change in groundwater storage between Fall 2010 and Fall 2011 was analyzed as a function of the difference in groundwater levels across the basin and the specific yield of the aquifer sediments. Groundwater level change across the basin was analyzed using the following procedure:

1. The Fall 2010 and Fall 2011 groundwater contour maps were each converted into three-dimensional raster surfaces.
2. The basin was discretized into 75-ft by 75-ft grid cells.
3. Attributes were assigned to each grid cell including groundwater level change and specific yield.
4. The resulting attribute table was processed in a Geographic Information System (GIS) for calculating the change in storage.

The specific yield distribution used for the analysis was based on Figure 3-6 in the First Biennial Engineers Report (WEI, 2007).

Results of the analysis show a basin-wide increase in groundwater storage of approximately 2,560 acre-ft between the Fall of 2010, and the Fall of 2011. It is noted that, as with previous estimates of change in storage, the northwest portion of the basin was not used in the analysis because there are little groundwater level data in this area.

3.6 Operating Safe Yield

For purposes of this annual report, the annual operating safe yield (OSY) describes the sustainable supply of groundwater in the basin for any given year. It is noted that the OSY is different than the Operating Yield, which is a function of the unused overlying production (Appropriative Water) and Temporary Surplus, as described in the Beaumont Basin Judgment (San Timoteo Management Authority v. Banning et al., 2004).

Operating safe yield is estimated based on the following equation:

$$OSY = \frac{\Sigma P + \Delta S - \Sigma AR}{\Delta T}$$

where:	ΣP	=	The sum of groundwater production (ac-ft)
	ΔS	=	The change in groundwater storage (ac-ft)
	ΣAR	=	The sum of groundwater recharge (ac-ft)
	ΔT	=	The time over which the OSY is estimated (years)

Total Beaumont Basin groundwater production in CY 2011 was 13,987 ac-ft (see Table 3-3). Total artificial recharge in CY 2011 was 8,779 ac-ft (see Table 3-4). It is noted that only the Noble Creek Recharge Facility recharge was used in the analysis of OSY. The change in groundwater storage estimate is based on the analysis of groundwater levels described in Section 3.5.2. The period of time over which the OSY is evaluated is one year. The resulting OSY is estimated as:

$$OSY = \frac{13,986 + 2,560 - 8,779}{1} = 7,767 \text{ ac-ft}$$

It is emphasized that the OSY, as presented herein, is based on one year of data. When evaluated on a long-term basis, this methodology can be used to estimate the long-term Safe Yield of the basin, as defined in the Beaumont Basin Judgment. As required by the Judgment, the Safe Yield of the basin will need to be reevaluated in 2013.

3.7 Recommendations

The Rules and Regulations, initially adopted in June 2004, were developed with the understanding that they should be revisited and/or revised from time to time to make sure they were consistent with the provisions of the Judgment. Revisions to the Rules and Regulations have been made over the years with the latest revision changing the reporting of Watermaster activities from a fiscal year basis to a calendar year basis.

In preparing this annual report and through the review of previous annual reports, we have identified a number of issues/activities that should be considered by the Watermaster to ensure accurate accounting of production, transfers, recharge, and storage. It should be noted that many of the recommendations provided in this section have been previously documented in prior annual reports by WEI. Our recommendations are as follows:

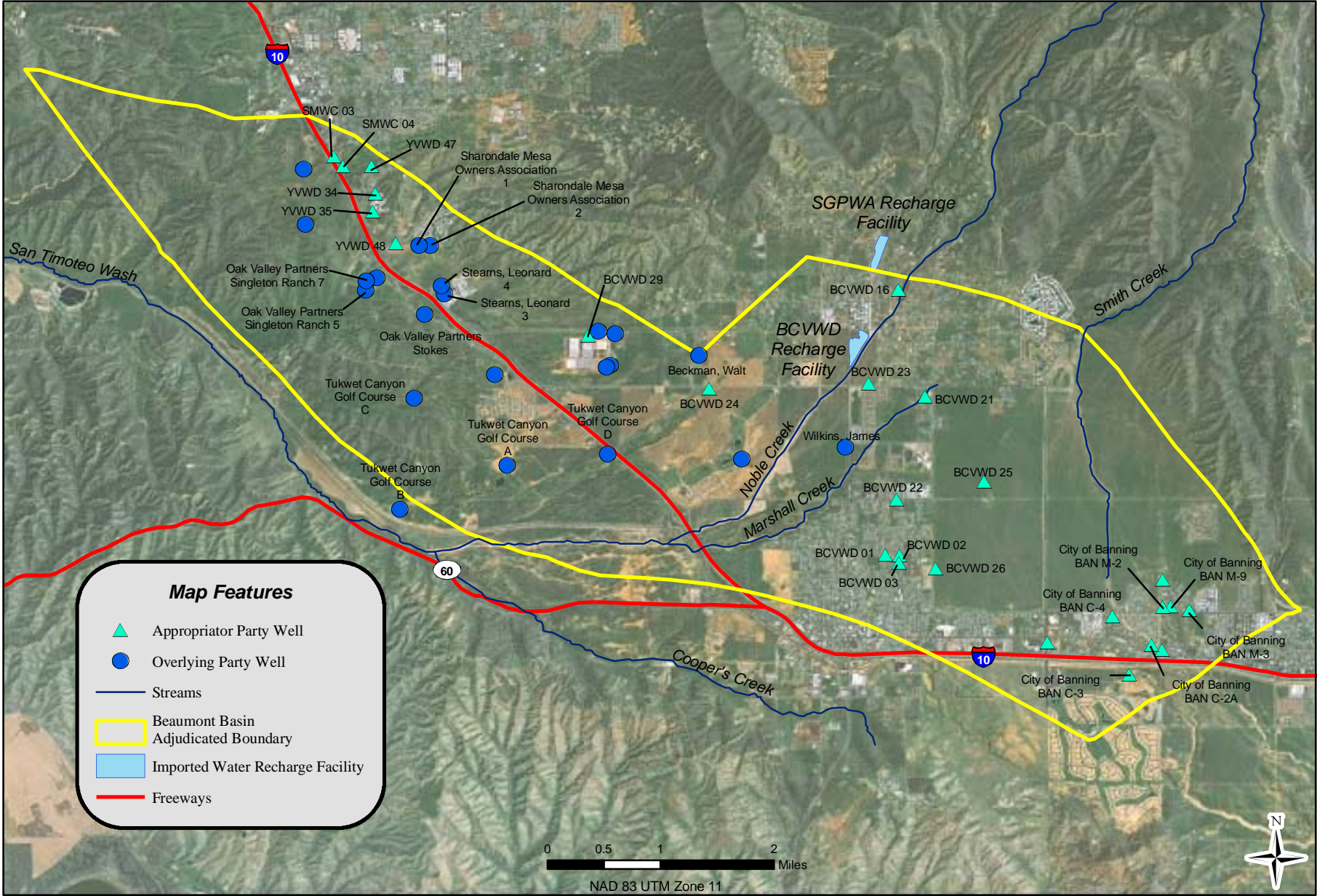
- Consider adopting additional resolutions to address other accounting aspects related to the conversion of annual reporting from a fiscal year basis to a calendar year basis. The following issues should be reported on a calendar year basis:

- ✓ Water transfers between Appropriators
 - ✓ Transfers of unused production from Overlying Parties to Appropriators
 - ✓ Spreading of imported water, recycled water, and new yield developed
 - ✓ General accounting and auditing of Watermaster financial activities
-
- Develop a protocol to increase the accuracy and consistency of data reported to the Watermaster. Watermaster should identify a person and/or entity to be the central repository for data collection, transfer, and exchange. This person/entity shall be responsible for the collection and distribution of all groundwater production, water level, groundwater recharge, and water quality information. Quality control of the data in its various forms including checks for errors, omissions, and inconsistencies between the reporting agencies and/or parties should be part of this process.
 - Develop a formal policy to properly account for groundwater recharge to the Basin including imported water, recycled water and new yield from capturing local stormwater. Section 5 of the Rules and Regulations provides the initial guidelines to conduct recharge activities in the Basin; however, it should be amended to clarify the following: a) responsibility for preparing documentation, b) type of documentation or process necessary to demonstrate the amount of groundwater recharge, c) review process by Watermaster, and d) schedule for completion so that proper recharge credits can be given and documented in the annual report.
 - Develop a policy to account for transfers of water that may result when an Appropriator provides water service to an Overlying Party. Section 7 of the Rules and Regulations, Adjustments for Rights, provides initial guidelines to execute this transfer; however, it needs to be enhanced in the following areas: a) data requirements to complete the transfer, b) review process by Watermaster, c) schedule for completion so that proper accounting of transfers can be given and documented in the annual report.

As indicated earlier, Watermaster should revisit the Rules and Regulations to ensure that its activities are consistent with the requirements of the Judgment. The following inconsistencies between guidelines provided in this document and current Watermaster activities were identified:

- Watermaster has not conducted a meter maintenance program, as required under Section 3.1 of the Rules and Regulations, to make sure groundwater production is reported accurately.
- Watermaster has not enforced the guidelines for reporting groundwater production from all producers. Under Section 3.2 of the Rules and Regulations, producers producing in an excess of 10 ac-ft/yr. should report on a monthly basis by the 15th day of the ensuing month while those producing less should file on an annual basis by the 15th of July. In addition, this section indicates that proper supporting information should be provided. We believe that the guidelines are correct, but need to be enforced on a consistent basis.

- Watermaster has not develop a methodology for estimating New Yield recharges to the Basin that could result from increase capture of local runoff as described under Section 4.2 of the Rules and Regulations.
- Watermaster has not develop a methodology for estimating losses of water in storage from the Basin, as described under Sections 4.3 and 6.7 of the Rules and Regulations. Under these sections, Watermaster is responsible for determining how much water is being lost from the Basin.
- Watermaster has not enforced the procedures identified under Section 5 of the Rules and Regulations pertaining to the submittal of applications to recharge supplemental or new yield water in the Basin.
- Watermaster has not developed and executed Groundwater Storage Agreements per the criteria defined in Section 6.4 of the Rules and Regulations.
- Watermaster has not enforced the submittal of applications for the recapture of water in storage by Appropriators as defined in Sections 6.1 and 6.3 of the Rules and Regulations.
- Watermaster has not enforced the submittal of notices of transfers prior to accounting for said transfers as defined in Sections 7.1 through 7.5 of the Rules and Regulations.
- Watermaster has not filed its annual reports with the Court. The Watermaster Board should make a formal determination as to whether the annual reports should be filed with the Court.



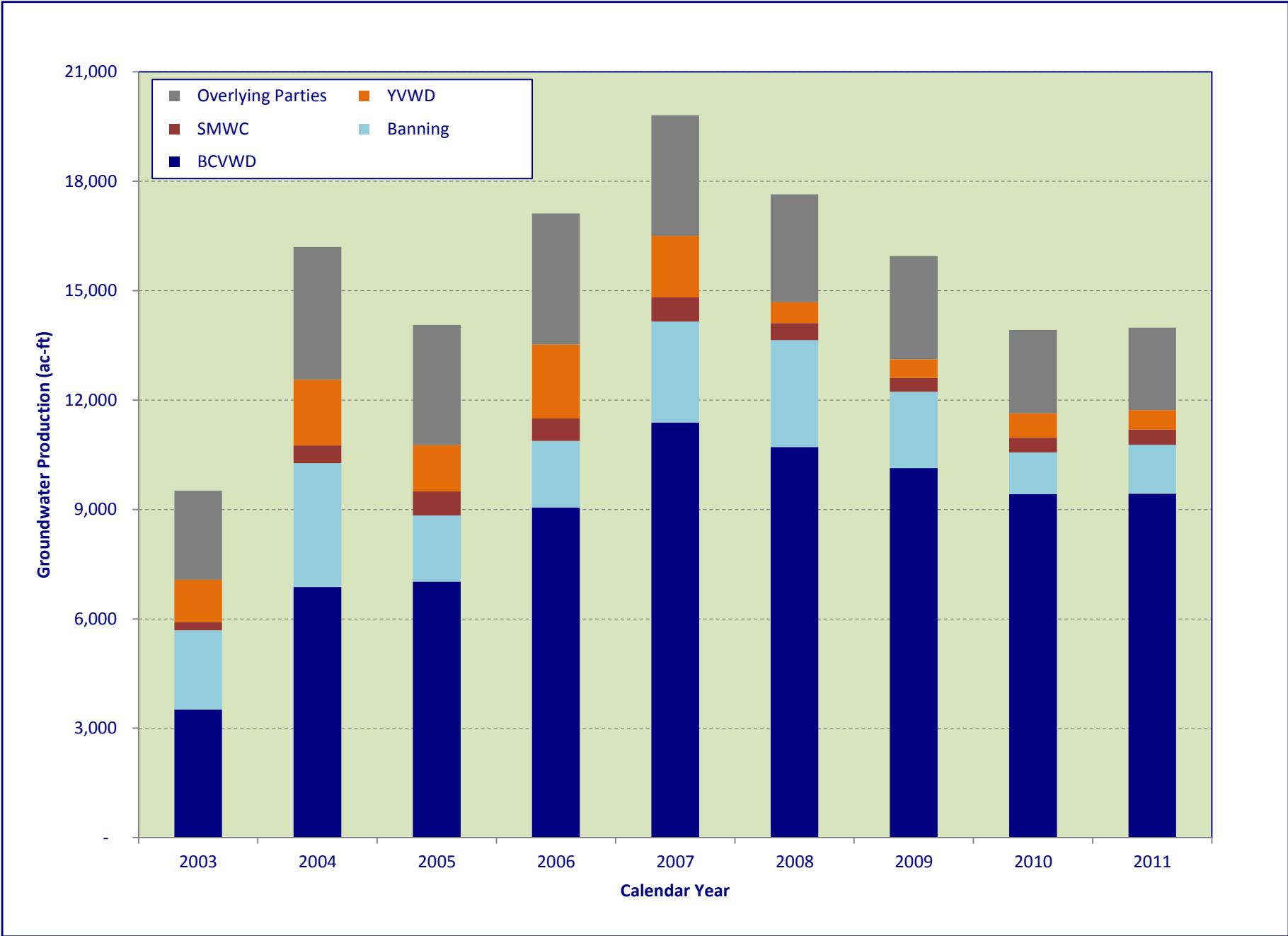
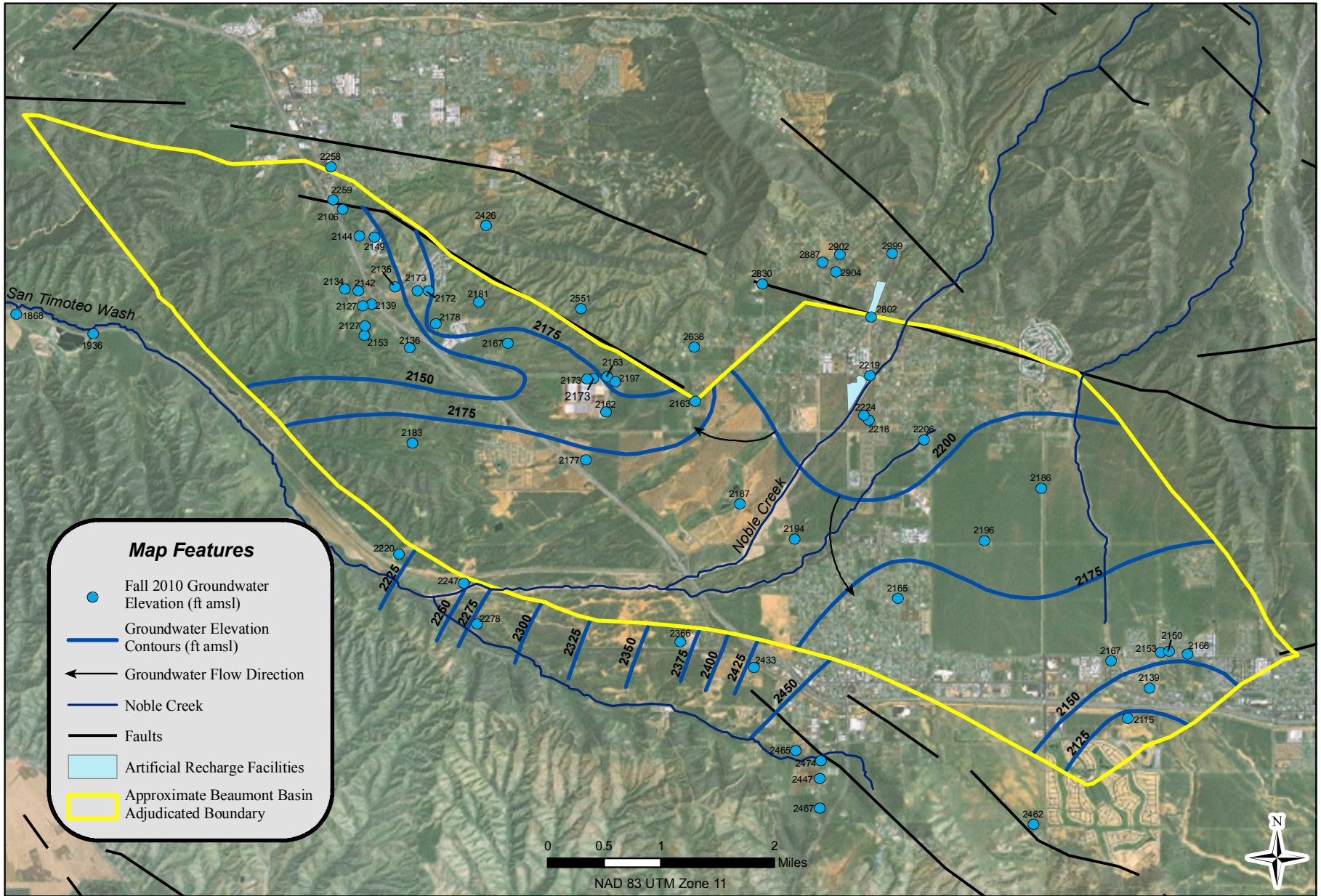
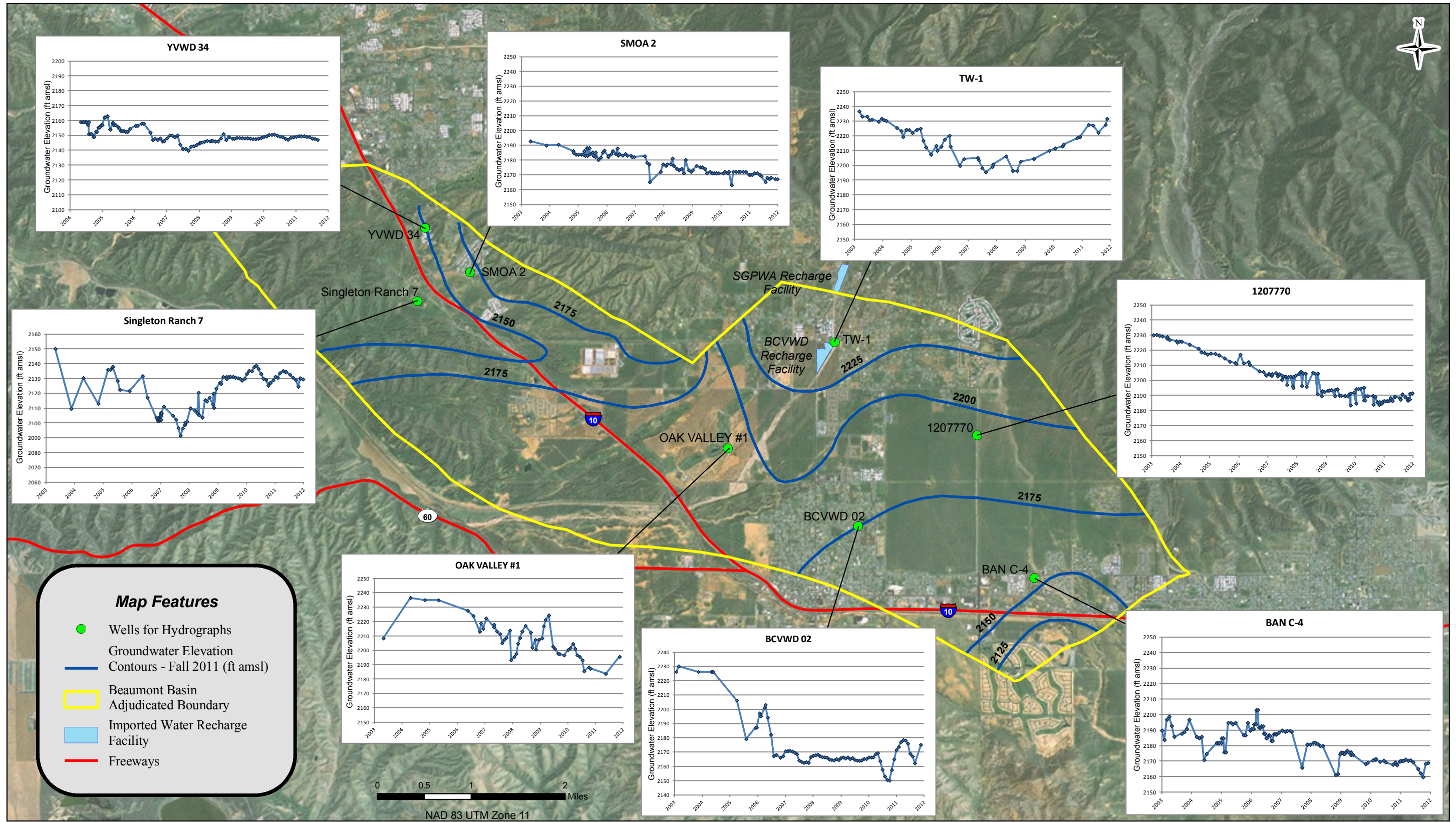
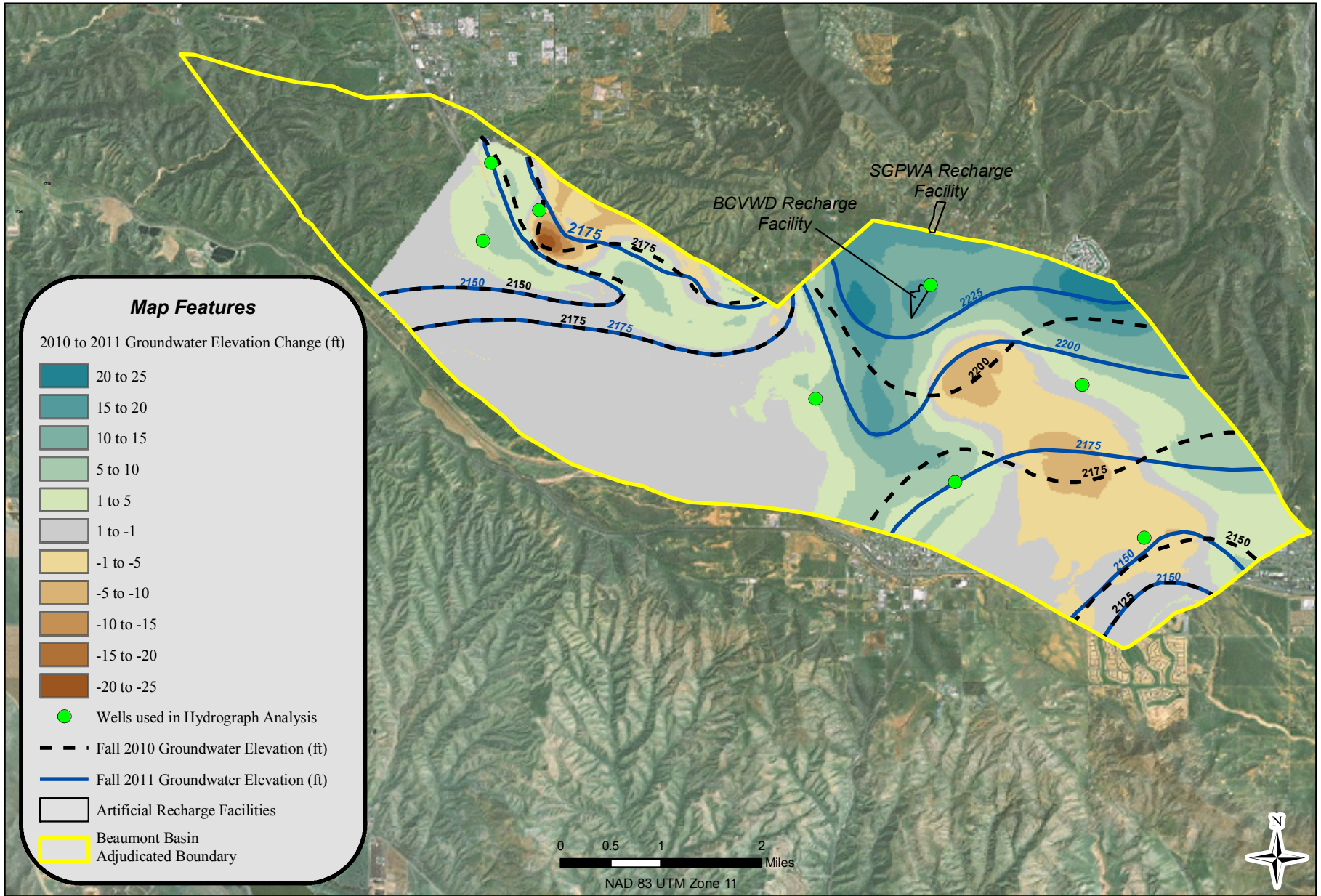


Figure 3-2
Annual Production by Appropriator and Overlying Users (2003-11)







**Groundwater Elevation Changes
2010 - 2011**
Figure 3-6

**Table 3-1A
Appropriator Producer Summary of Production for Calendar Year 2003 (ac-ft)**

Owner & Well Name	Water Production by Appropriator (ac-ft)						Total Production	Temp Surplus Allocation ³	Eligible for Storage
	Jul	Aug	Sep	Oct	Nov	Dec			
Banning, City of									
Well C2-A	107.5	99.1	118.7	108.5	82.9	102.5	619.2		
Well C3	112.9	100.9	103.1	88.1	36.6	76.1	517.7		
Well C4	102.1	111.0	74.0	77.6	64.9	18.7	448.3		
Well M3	76.4	162.1	129.8	146.7	10.7	0.0	525.7		
Well M9	62.2	1.1	0.0	0.0	0.0	0.0	63.3		
From BCVWD ²	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Subtotal	461.1	474.2	425.6	420.9	195.1	197.3	2,174.2	2,514.5	340.3
Beaumont-Cherry Valley Water District									
Well 1	0.0	0.0	0.0	0.0	0.6	5.3	5.9		
Well 2	167.9	181.2	193.8	151.1	115.0	151.2	960.2		
Well 3	152.7	163.6	173.0	118.0	43.6	24.2	675.1		
Well 16	108.3	110.9	114.5	94.0	59.0	67.9	554.6		
Well 21	201.0	209.3	218.0	172.6	31.9	0.0	832.8		
Well 22	152.7	110.9	50.3	135.9	33.5	0.0	483.3		
To Banning ²	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Subtotal	782.6	775.9	749.6	671.6	283.6	248.6	3,511.9	3,401.0	0.0
South Mesa Water Company									
3rd No. 4 Well	65.2	47.0	51.3	25.5	18.0	16.2	223.2		
Subtotal	65.2	47.0	51.3	25.5	18.0	16.2	223.2	998.0	774.8
Yucaipa Valley Water District									
Well 35	25.3	18.8	10.4	1.9	0.7	1.8	58.9		
Well 48	234.5	239.1	220.9	164.3	123.8	120.9	1,103.5		
Subtotal	259.8	257.9	231.3	166.2	124.5	122.7	1,162.4	1,086.5	0.0
Total	1,568.7	1,555.0	1,457.8	1,284.2	621.2	584.8	7,071.7	8,000.0	1,115.1

1 - All values rounded and subject to revision based on receipt of more accurate information

2 - Pursuant to Part I, Paragraph 3 B of the Judgment, and a separate Agreement (a copy of which is on file with the Watermaster).

3.- Temporary surplus based on 8,000 ac-ft or half of the 16,000 ac-ft/yr allocated

**Table 3-1B
Appropriator Producer Summary of Production for Calendar Year 2004 (ac-ft)**

Owner & Well Name	Water Production by Appropriator (ac-ft) ¹												Total Production	Temp Surplus Allocation ³	Eligible for Storage
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
Banning, City of															
Well C2-A	95.4	88.6	51.3	72.8	40.6	50.3	86.2	69.6	73.1	36.3	22.6	23.9	710.7		
Well C3	101.0	88.5	101.4	48.7	67.8	75.2	120.4	117.4	106.0	89.3	53.0	57.9	1,026.6		
Well C4	38.5	19.5	85.8	74.4	91.2	69.4	136.8	157.7	154.8	135.2	91.2	81.2	1,135.7		
Well M3	0.0	0.0	0.0	0.0	50.9	118.9	0.0	0.0	0.0	0.0	0.0	0.0	169.8		
Well M9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
From BCVWD ²	0.0	0.0	67.7	102.6	127.4	49.0	0.0	0.0	7.8	0.0	0.0	0.0	354.5		
Subtotal	234.9	196.6	306.3	298.5	377.9	362.8	343.4	344.6	341.7	260.7	166.7	163.1	3,397.3	5,029.0	1,631.7
Beaumont-Cherry Valley Water District															
Well 1	0.0	0.0	33.5	118.1	180.0	175.7	156.6	134.4	130.7	9.3	0.0	40.0	978.3		
Well 2	143.0	135.1	203.1	192.1	183.4	124.5	144.6	138.1	141.8	101.1	57.4	64.1	1,628.2		
Well 3	0.0	0.0	0.0	0.0	153.6	189.4	145.8	164.1	117.0	84.1	47.6	34.4	936.0		
Well 16	64.2	49.7	88.2	112.3	137.0	132.9	133.8	113.5	86.2	54.3	54.5	77.0	1,103.7		
Well 21	0.0	0.0	0.1	0.0	0.4	2.9	211.7	259.9	268.0	195.6	163.8	150.0	1,252.5		
Well 22	64.3	54.0	101.9	111.5	140.8	147.4	151.3	151.1	126.9	69.0	4.2	2.8	1,125.3		
Well 23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.9	85.1	55.7	17.9	3.7	204.3		
To Banning ²	0.0	0.0	-67.7	-102.6	-127.4	-49.0	0.0	0.0	-7.8	0.0	0.0	0.0	-354.5		
Subtotal	271.5	238.9	359.2	431.4	667.8	723.8	943.9	1,003.0	948.0	569.1	345.4	372.0	6,873.9	6,802.0	0.0
South Mesa Water Company															
3rd No. 4 Well	15.7	13.1	30.5	45.3	53.1	39.0	51.6	82.4	74.2	54.7	12.1	10.9	482.5		
Subtotal	15.7	13.1	30.5	45.3	53.1	39.0	51.6	82.4	74.2	54.7	12.1	10.9	482.5	1,996.0	1,513.5
Yucaipa Valley Water District															
Well 35	1.1	0.8	4.4	0.6	0.8	3.4	63.9	76.8	70.9	1.4	1.4	0.8	226.5		
Well 48	121.4	107.2	133.3	136.4	170.9	162.3	177.9	218.9	186.5	123.8	18.9	20.6	1,578.2		
Subtotal	122.5	108.0	137.7	137.1	171.7	165.7	241.9	295.6	257.5	125.2	20.3	21.4	1,804.7	2,173.0	368.3
Total	644.5	556.6	833.7	912.2	1,270.5	1,291.3	1,580.7	1,725.7	1,621.4	1,009.8	544.5	567.4	12,558.3	16,000.0	3,513.6

1 - All values rounded and subject to revision based on receipt of more accurate information

2 - Pursuant to Part I, Paragraph 3 B of the Judgment, and a separate Agreement (a copy of which is on file with the Watermaster).

3.- Temporary surplus based on 16,000 ac-ft/yr allocated

**Table 3-1C
Appropriator Producer Summary of Production for Calendar Year 2005 (ac-ft)**

Owner & Well Name	Water Production by Appropriator (ac-ft) ¹												Total Production	Temp Surplus Allocation ³	Eligible for Storage
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
Banning, City of															
Well C2-A	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4		
Well C3	45.0	57.1	10.3	48.2	46.7	40.0	74.8	103.3	57.1	34.4	3.6	0.7	521.2		
Well C4	89.6	7.5	6.1	28.8	8.5	20.9	60.0	50.1	54.0	32.1	1.9	28.3	387.8		
Well M3	0.0	0.0	0.0	0.0	34.8	39.8	102.4	125.8	103.3	81.4	37.7	7.7	532.8		
Well M9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
From BCVWD ²	0.0	0.0	0.0	0.0	37.8	87.6	55.4	34.9	0.0	0.0	33.0	117.7	366.4		
Subtotal	135.0	64.6	16.4	76.9	127.8	188.3	292.6	314.1	214.3	147.8	76.2	154.5	1,808.6	5,029.0	3,220.4
Beaumont-Cherry Valley Water District															
Well 1	15.2	10.1	19.3	67.9	122.2	164.2	165.6	144.7	100.8	103.7	157.1	173.4	1,244.2		
Well 2	44.6	36.1	36.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	117.6		
Well 3	37.3	30.7	40.7	79.7	30.7	135.0	168.0	141.5	97.5	37.0	43.5	0.0	841.6		
Well 16	9.9	0.0	0.0	40.2	60.2	110.8	91.3	98.1	92.5	64.8	80.8	87.0	735.6		
Well 21	78.0	104.1	106.8	181.5	154.7	224.7	291.8	278.2	214.1	160.4	240.8	264.5	2,299.5		
Well 22	0.0	5.8	13.7	57.9	73.0	69.0	47.4	0.0	0.0	0.0	14.7	124.1	405.7		
Well 23	56.5	25.0	29.5	63.9	58.5	126.6	337.0	350.7	331.6	269.0	66.0	33.5	1,747.9		
Well 24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
To Banning ²	0.0	0.0	0.0	0.0	-37.8	-87.6	-55.4	-34.9	0.0	0.0	-33.0	-117.7	-366.4		
Subtotal	241.5	211.8	247.0	491.2	461.4	742.8	1,045.7	978.3	836.5	634.8	569.8	564.8	7,025.6	6,802.0	0.0
South Mesa Water Company															
3rd No. 4 Well	29.7	16.7	39.2	51.3	65.4	70.0	70.0	82.3	76.7	63.1	52.7	46.3	663.2		
Subtotal	29.7	16.7	39.2	51.3	65.4	70.0	70.0	82.3	76.7	63.1	52.7	46.3	663.2	1,996.0	1,332.8
Yucaipa Valley Water District															
Well 35	0.2	0.7	0.7	24.7	30.1	0.6	21.3	14.2	13.2	2.8	1.1	0.9	110.6		
Well 48	13.6	11.4	21.2	14.8	51.9	152.6	251.5	248.9	201.7	120.0	47.2	29.0	1,163.7		
Subtotal	13.8	12.1	21.9	39.5	82.0	153.1	272.9	263.1	214.9	122.8	48.3	29.9	1,274.3	2,173.0	898.7
Total	420.0	305.1	324.5	659.0	736.6	1,154.2	1,681.1	1,637.8	1,342.4	968.5	747.0	795.5	10,771.7	16,000.0	5,451.9

1 - All values rounded and subject to revision based on receipt of more accurate information

2 - Pursuant to Part I, Paragraph 3 B of the Judgment, and a separate Agreement (a copy of which is on file with the Watermaster).

3.- Temporary surplus based on 16,000 ac-ft/yr allocated

**Table 3-1D
Appropriator Producer Summary of Production for Calendar Year 2006 (ac-ft)**

Owner & Well Name	Water Production by Appropriator (ac-ft) ¹												Total Production	Temp Surplus Allocation ³	Eligible for Storage
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
Banning, City of															
Well C2-A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6	0.0	0.0	2.1	6.8		
Well C3	2.0	0.1	0.9	2.6	34.8	10.5	36.4	44.7	61.1	26.5	6.1	9.7	235.3		
Well C4	6.6	40.4	1.4	19.1	11.4	12.6	61.4	32.3	50.5	11.2	19.9	10.0	276.8		
Well M3	43.8	9.9	20.4	34.1	65.8	65.5	84.8	82.2	88.2	74.9	69.7	32.6	671.9		
Well M9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
From BCVWD ²	1.1	28.4	0.0	0.0	74.3	111.2	104.4	105.3	105.6	61.6	44.8	0.0	636.7		
Subtotal	53.4	78.8	22.7	55.8	186.4	199.8	287.0	264.5	310.0	174.2	140.5	54.6	1,827.5	5,029.0	3,201.5
Beaumont-Cherry Valley Water District															
Well 1	51.7	0.3	1.5	0.0	105.2	215.6	186.4	169.6	141.3	92.6	137.8	47.2	1,149.1		
Well 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Well 3	0.0	0.0	0.0	0.0	83.1	194.2	190.9	51.0	6.3	4.6	163.4	56.1	749.7		
Well 16	28.7	51.3	47.6	1.9	0.0	61.7	119.6	113.6	101.4	12.0	0.0	0.0	537.7		
Well 21	176.7	132.6	8.5	1.5	28.4	360.0	320.3	306.4	263.1	120.3	196.2	82.3	1,996.3		
Well 22	60.2	65.7	35.1	1.5	45.2	140.6	176.4	159.7	139.6	77.3	100.7	60.6	1,062.6		
Well 23	0.8	9.1	6.1	0.1	41.6	305.7	699.4	0.0	304.0	191.4	295.2	110.4	1,963.9		
Well 24	33.4	235.3	212.4	165.6	68.0	204.5	276.6	247.8	298.6	172.9	211.0	105.6	2,231.7		
To Banning ²	-1.1	-28.4	0.0	0.0	-74.3	-111.2	-104.4	-105.3	-105.6	-61.6	-44.8	0.0	-636.7		
Subtotal	350.4	465.9	311.3	170.5	297.2	1,371.0	1,865.2	942.7	1,148.7	609.4	1,059.5	462.2	9,054.1	6,802.0	0.0
South Mesa Water Company															
3rd No. 4 Well	42.8	38.6	42.8	29.4	31.6	56.2	81.3	76.5	65.1	55.9	53.7	42.1	616.0		
Subtotal	42.8	38.6	42.8	29.4	31.6	56.2	81.3	76.5	65.1	55.9	53.7	42.1	616.0	1,996.0	1,380.0
Yucaipa Valley Water District															
Well 35	1.4	1.6	1.4	0.6	15.9	39.9	47.5	40.1	34.1	20.1	15.0	2.4	220.0		
Well 48	22.9	56.5	19.0	31.9	157.9	228.7	244.3	240.0	227.9	229.1	227.8	121.2	1,807.2		
Subtotal	24.3	58.1	20.5	32.5	173.8	268.6	291.8	280.2	262.0	249.2	242.8	123.5	2,027.3	2,173.0	145.7
Total	471.0	641.4	397.2	288.2	689.1	1,895.6	2,525.3	1,563.9	1,785.8	1,088.7	1,496.4	682.3	13,524.9	16,000.0	4,727.2

1 - All values rounded and subject to revision based on receipt of more accurate information

2 - Pursuant to Part I, Paragraph 3 B of the Judgment, and a separate Agreement (a copy of which is on file with the Watermaster).

3.- Temporary surplus based on 16,000 ac-ft/yr allocated

**Table 3-1E
Appropriator Producer Summary of Production for Calendar Year 2007 (ac-ft)**

Owner & Well Name	Water Production by Appropriator (ac-ft) ¹												Total Production	Temp Surplus Allocation ³	Eligible for Storage
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
Banning, City of															
Well C2-A	0.6	0.4	0.7	0.5	0.0	30.3	86.2	87.9	58.6	20.3	0.4	2.2	288.1		
Well C3	3.7	0.1	9.2	17.9	48.1	59.3	80.6	74.3	47.8	100.2	59.0	11.4	511.6		
Well C4	13.2	5.1	2.0	10.8	61.3	156.3	100.8	98.7	106.3	99.9	17.5	2.1	673.9		
Well M3	40.3	12.8	23.8	23.7	23.8	42.7	115.2	113.9	104.1	64.8	108.9	52.0	726.0		
Well M9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
From BCVWD ²	0.0	0.0	43.3	55.4	71.3	59.0	43.0	56.0	55.0	62.0	63.0	65.0	572.9		
Subtotal	57.8	18.4	79.0	108.3	204.5	347.6	425.8	430.8	371.8	347.2	248.8	132.7	2,772.6	5,029.0	2,256.4
Beaumont-Cherry Valley Water District															
Well 1	74.5	53.6	116.0	13.3	82.5	130.6	134.9	179.8	212.5	128.5	101.6	55.9	1,283.8		
Well 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Well 3	80.7	55.1	42.8	82.4	86.0	148.2	154.1	205.6	270.5	176.5	55.4	0.0	1,357.3		
Well 16	0.0	0.1	17.4	0.0	0.0	12.3	68.4	103.8	117.6	14.7	1.5	12.6	348.3		
Well 21	190.1	98.6	91.8	114.9	183.8	214.8	215.5	306.3	392.5	285.0	205.2	126.2	2,424.7		
Well 22	43.0	21.2	60.5	47.4	97.1	127.6	125.4	161.7	197.8	92.3	59.3	23.5	1,056.8		
Well 23	187.4	53.8	167.8	190.3	274.2	272.8	272.4	419.4	523.9	314.2	257.5	84.6	3,018.3		
Well 24	78.8	280.5	186.4	173.2	208.6	236.7	130.1	274.6	360.7	282.1	166.6	88.9	2,467.1		
To Banning ²	0.0	0.0	-43.3	-55.4	-71.3	-59.0	-43.0	-56.0	-55.0	-62.0	-63.0	-65.0	-572.9		
Subtotal	654.5	562.8	639.3	566.1	860.9	1,084.0	1,057.8	1,595.2	2,020.5	1,231.3	784.1	326.7	11,383.3	6,802.0	0.0
South Mesa Water Company															
3rd No. 4 Well	42.5	32.6	48.6	53.1	69.4	70.7	82.1	76.6	60.1	58.7	55.3	16.1	665.8		
Subtotal	42.5	32.6	48.6	53.1	69.4	70.7	82.1	76.6	60.1	58.7	55.3	16.1	665.8	1,996.0	1,330.2
Yucaipa Valley Water District															
Well 35	1.4	0.0	4.4	1.5	27.7	46.9	39.0	28.0	5.5	8.3	0.5	0.7	163.8		
Well 48	53.2	18.3	130.5	122.1	222.4	230.9	232.4	183.3	126.7	132.5	47.4	19.4	1,519.1		
Subtotal	54.6	18.3	134.9	123.6	250.1	277.8	271.4	211.3	132.2	140.8	47.9	20.1	1,682.9	2,173.0	490.1
Total	809.4	632.0	901.8	851.1	1,384.9	1,780.0	1,837.1	2,313.9	2,584.6	1,778.0	1,136.1	495.6	16,504.6	16,000.0	4,076.7

1 - All values rounded and subject to revision based on receipt of more accurate information

2 - Pursuant to Part I, Paragraph 3 B of the Judgment, and a separate Agreement (a copy of which is on file with the Watermaster).

3.- Temporary surplus based on 16,000 ac-ft/yr allocated

**Table 3-1F
Appropriator Producer Summary of Production for Calendar Year 2008 (ac-ft)**

Owner & Well Name	Water Production by Appropriator (ac-ft) ¹												Total Production	Temp Surplus Allocation ³	Eligible for Storage
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
Banning, City of															
Well C2-A	0.2	0.4	42.0	83.7	39.5	2.6	26.6	63.5	64.9	54.1	4.4	0.4	382.3		
Well C3	42.4	16.4	88.9	69.6	62.9	105.0	36.6	2.7	4.0	50.3	63.3	10.4	552.5		
Well C4	5.0	13.6	1.6	10.6	42.3	88.3	148.6	160.2	150.1	43.0	0.4	0.6	664.3		
Well M3	66.6	69.7	84.9	67.6	100.6	101.9	35.2	12.8	3.0	39.4	1.3	0.3	583.3		
Well M9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
From BCVWD ²	64.0	59.0	62.0	59.0	60.0	57.0	69.2	72.2	65.9	63.0	59.0	61.0	751.3		
Subtotal	178.2	159.1	279.4	290.5	305.3	354.8	316.2	311.3	287.9	249.7	128.4	72.8	2,933.6	5,029.0	2,095.4
Beaumont-Cherry Valley Water District															
Well 1	53.7	17.0	40.6	78.3	102.5	111.7	123.3	80.8	113.9	95.1	98.9	61.1	976.9		
Well 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Well 3	41.6	26.6	69.0	117.7	117.6	161.2	94.3	177.8	156.9	133.2	136.0	78.3	1,310.2		
Well 16	8.6	25.7	18.2	24.1	27.4	71.9	78.5	80.4	58.2	15.2	2.6	4.2	414.9		
Well 21	197.9	154.5	212.6	216.0	212.4	204.6	287.5	266.5	221.9	177.9	196.9	97.4	2,446.1		
Well 22	2.4	49.8	83.2	94.0	111.8	133.1	128.2	119.0	111.7	94.2	113.4	64.4	1,105.3		
Well 23	51.1	3.1	142.7	200.2	260.7	277.9	415.0	367.0	305.2	224.4	141.5	103.0	2,491.7		
Well 24	143.3	121.3	140.4	207.9	214.5	226.1	241.4	243.3	226.2	195.8	70.1	62.8	2,093.1		
Well 25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.0	76.7	9.9	127.6		
Well 26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	143.1	139.5	138.2	75.1	495.9		
To Banning ²	-64.0	-59.0	-62.0	-59.0	-60.0	-57.0	-69.2	-72.2	-65.9	-63.0	-59.0	-61.0	-751.3		
Subtotal	434.6	339.0	644.7	879.2	986.9	1,129.5	1,298.9	1,262.7	1,271.3	1,053.2	915.2	495.2	10,710.5	6,802.0	0.0
South Mesa Water Company															
3rd No. 4 Well	19.3	26.1	34.3	38.1	59.3	50.9	56.0	58.7	49.7	38.8	26.0	13.6	470.9		
Subtotal	19.3	26.1	34.3	38.1	59.3	50.9	56.0	58.7	49.7	38.8	26.0	13.6	470.9	1,996.0	1,525.2
Yucaipa Valley Water District															
Well 35	0.6	0.2	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	3.2		
Well 48	16.9	4.6	1.8	18.5	58.2	122.1	126.8	59.7	57.7	60.0	26.9	16.9	570.2		
Subtotal	17.5	4.8	1.8	18.5	58.2	122.1	129.2	59.7	57.7	60.0	26.9	16.9	573.4	2,173.0	1,599.6
Total	649.6	529.0	960.2	1,226.3	1,409.7	1,657.3	1,800.4	1,692.4	1,666.6	1,401.7	1,096.6	598.6	14,688.4	16,000.0	5,220.1

1 - All values rounded and subject to revision based on receipt of more accurate information

2 - Pursuant to Part I, Paragraph 3 B of the Judgment, and a separate Agreement (a copy of which is on file with the Watermaster).

3.- Temporary surplus based on 16,000 ac-ft/yr allocated

**Table 3-1G
Appropriator Producer Summary of Production for Calendar Year 2009 (ac-ft)**

Owner & Well Name	Water Production by Appropriator (ac-ft) ¹												Total Production	Temp Surplus Allocation ³	Eligible for Storage	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				
Banning, City of																
Well C2-A	0.5	0.7	0.7	1.0	24.2	18.7	31.3	3.0	36.8	0.5	0.7	1.7	119.8			
Well C3	30.6	4.0	31.1	69.1	106.3	73.5	107.4	90.7	66.0	51.8	61.0	41.6	733.0			
Well C4	1.0	1.1	1.0	1.2	1.6	41.0	156.1	156.2	96.4	9.3	1.5	6.4	472.6			
Well M3	0.3	0.9	1.0	0.9	90.4	32.4	10.5	73.5	77.0	2.0	2.7	3.3	294.8			
Well M9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
From BCVWD ²	24.2	0.0	0.0	0.0	0.0	61.6	61.6	66.2	64.1	66.8	63.7	66.6	474.8			
Subtotal	56.6	6.6	33.8	72.1	222.5	227.3	366.9	389.7	340.2	130.3	129.6	119.6	2,095.0	5,029.0	2,934.0	
Beaumont-Cherry Valley Water District																
Well 1	49.5	46.6	66.1	98.8	73.5	93.1	123.8	105.8	93.6	68.1	45.5	29.9	894.1			
Well 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
Well 3	57.9	53.6	71.8	111.6	81.4	112.9	165.7	159.5	133.4	94.0	59.6	38.1	1,139.5			
Well 16	4.7	1.8	7.5	21.8	1.9	27.9	103.9	103.2	100.8	59.8	18.7	0.0	452.0			
Well 21	127.4	90.1	76.5	112.1	158.6	191.6	253.2	208.7	200.5	163.2	113.8	88.4	1,784.1			
Well 22	40.9	6.9	25.8	48.7	16.5	0.0	0.0	0.0	0.0	13.9	50.3	62.2	265.1			
Well 23	149.6	63.9	142.1	246.8	182.6	87.3	0.1	0.0	0.0	0.0	21.6	88.8	982.7			
Well 24	137.3	105.8	119.9	152.2	176.5	174.6	228.5	233.0	221.4	190.4	178.5	127.2	2,045.4			
Well 25	0.0	0.0	0.0	11.8	90.1	199.9	249.1	32.6	17.5	217.5	217.2	25.2	1,060.7			
Well 26	20.2	3.6	53.2	68.6	130.1	127.8	171.9	168.2	162.4	126.2	135.0	20.7	1,187.9			
Well 29	0.0	1.3	0.0	0.0	89.0	89.5	126.8	132.3	117.2	97.1	92.6	51.5	797.1			
To Banning ²	-24.2	0.0	0.0	0.0	0.0	-61.6	-61.6	-66.2	-64.1	-66.8	-63.7	-66.6	-474.8			
Subtotal	563.3	373.5	562.9	872.4	1,000.1	1,043.0	1,361.4	1,076.9	982.8	963.4	869.0	465.3	10,133.9	6,802.0	0.0	
South Mesa Water Company																
3rd No. 4 Well	9.7	11.3	34.8	51.8	40.6	19.8	36.8	39.2	46.4	42.6	28.8	20.4	382.2			
Subtotal	9.7	11.3	34.8	51.8	40.6	19.8	36.8	39.2	46.4	42.6	28.8	20.4	382.2	1,996.0	1,613.8	
Yucaipa Valley Water District																
Well 35	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
Well 48	42.6	1.3	3.1	18.5	68.3	43.0	89.3	67.3	76.0	50.6	34.5	10.1	504.4			
Subtotal	42.6	1.3	3.1	18.5	68.3	43.0	89.3	67.3	76.0	50.6	34.5	10.1	504.4	2,173.0	1,668.6	
Total	672.1	392.8	634.5	1,014.8	1,331.4	1,333.0	1,854.3	1,573.1	1,445.4	1,186.9	1,061.9	615.4	13,115.6	16,000.0	6,216.4	

1 - All values rounded and subject to revision based on receipt of more accurate information

2 - Pursuant to Part I, Paragraph 3 B of the Judgment, and a separate Agreement (a copy of which is on file with the Watermaster).

3.- Temporary surplus based on 16,000 ac-ft/yr allocated

**Table 3-1H
Appropriator Producer Summary of Production for Calendar Year 2010 (ac-ft)**

Owner & Well Name	Water Production by Appropriator (ac-ft) ¹												Total Production	Temp Surplus Allocation ³	Eligible for Storage
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
Banning, City of															
Well C2-A	0.5	0.0	2.6	0.3	0.4	0.3	1.6	1.3	9.6	8.4	0.9	1.0	26.8		
Well C3	35.4	12.7	8.9	49.4	119.2	107.0	113.8	120.6	114.8	47.1	76.1	38.1	843.0		
Well C4	3.4	0.4	2.9	0.6	0.5	0.6	3.5	22.3	14.3	0.3	1.6	1.1	51.4		
Well M3	1.1	0.2	7.3	0.3	0.2	11.4	30.5	21.4	1.9	3.5	0.4	1.8	80.0		
Well M9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
From BCVWD ²	65.8	59.3	17.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	142.5		
Subtotal	106.3	72.6	39.0	50.6	120.2	119.3	149.3	165.6	140.5	59.3	78.9	42.0	1,143.6	5,029.0	3,885.4
Beaumont-Cherry Valley Water District															
Well 1	36.7	50.6	53.3	48.2	73.9	98.7	115.0	87.5	116.1	68.5	46.3	14.3	809.1		
Well 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Well 3	44.3	60.7	57.3	57.2	91.1	116.5	155.6	119.1	73.7	0.0	0.0	0.0	775.6		
Well 16	0.3	1.2	0.5	2.6	0.0	0.6	2.5	0.5	0.7	1.5	0.7	0.9	11.9		
Well 21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	0.0	1.5	0.0	8.7		
Well 22	52.4	43.0	41.6	20.0	6.4	11.3	69.1	42.5	80.4	9.0	4.6	1.4	381.7		
Well 23	96.5	45.7	106.0	156.3	182.2	203.0	271.3	217.3	296.4	146.1	101.6	108.1	1,930.4		
Well 24	110.2	293.4	148.8	166.2	226.2	219.2	243.5	178.7	255.7	88.3	128.1	141.4	2,199.6		
Well 25	12.5	0.0	25.2	44.1	155.0	191.8	250.0	209.1	196.7	138.3	66.8	11.0	1,300.4		
Well 26	85.9	59.3	69.7	97.2	150.6	144.3	159.9	124.0	167.1	66.6	96.8	90.8	1,312.2		
Well 29	39.1	0.0	0.0	0.0	0.5	89.6	165.8	131.7	177.9	92.7	86.9	50.2	834.4		
To Banning ²	-65.8	-59.3	-17.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-142.5		
Subtotal	412.0	494.6	485.1	591.8	885.9	1,075.0	1,432.7	1,110.3	1,371.8	611.0	533.1	418.1	9,421.3	6,802.0	0.0
South Mesa Water Company															
3rd No. 4 Well	18.1	14.9	16.6	23.0	32.1	52.4	53.8	58.2	56.5	32.5	32.4	14.5	405.0		
Subtotal	18.1	14.9	16.6	23.0	32.1	52.4	53.8	58.2	56.5	32.5	32.4	14.5	405.0	1,996.0	1,591.1
Yucaipa Valley Water District															
Well 35	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Well 48	6.4	0.9	21.5	18.0	59.6	84.2	127.4	115.6	137.3	43.3	33.6	23.6	671.5		
Subtotal	6.4	0.9	21.5	18.0	59.6	84.2	127.4	115.6	137.3	43.3	33.6	23.6	671.5	2,173.0	1,501.6
Total	542.7	583.0	562.1	683.3	1,097.9	1,331.0	1,763.2	1,449.8	1,706.1	746.1	678.0	498.2	11,641.3	16,000.0	6,978.0

1 - All values rounded and subject to revision based on receipt of more accurate information

2 - Pursuant to Part I, Paragraph 3 B of the Judgment, and a separate Agreement (a copy of which is on file with the Watermaster).

3.- Temporary surplus based on 16,000 ac-ft/yr allocated

**Table 3-11
Appropriator Producer Summary of Production for Calendar Year 2011 (ac-ft)**

Owner & Well Name	Water Production by Appropriator (ac-ft) ¹												Total Production	Temp Surplus Allocation ³	Eligible for Storage
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
Banning, City of															
Well C2-A	0.4	0.6	1.2	0.3	0.3	12.5	10.4	1.3	0.9	1.2	0.4	3.2	32.5		
Well C3	24.5	24.7	41.9	59.0	107.5	111.8	95.6	45.5	45.9	80.3	52.8	87.1	776.6		
Well C4	0.9	0.9	1.4	1.2	1.0	3.5	95.5	82.3	7.6	2.2	0.5	0.6	197.5		
Well M3	0.5	0.3	0.4	0.3	0.6	10.7	91.6	109.8	99.7	19.2	0.8	1.2	335.1		
Well M9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
From BCVWD ²	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Subtotal	26.3	26.5	45.0	60.7	109.5	138.4	293.1	239.0	154.0	103.0	54.4	92.0	1,341.7	5,029.0	3,687.3
Beaumont-Cherry Valley Water District															
Well 1	7.1	0.5	20.5	20.8	66.4	75.7	79.1	87.5	65.0	31.3	4.8	2.9	461.7		
Well 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Well 3	0.0	6.6	19.6	12.0	70.0	83.6	92.0	105.7	80.0	34.9	27.2	4.0	535.6		
Well 16	1.7	0.0	0.0	0.0	1.3	1.7	2.1	15.5	58.2	37.2	20.4	15.6	153.8		
Well 21	0.0	0.0	0.0	0.0	105.7	159.8	218.3	218.0	205.1	190.5	156.5	219.3	1,473.3		
Well 22	2.8	0.0	0.0	2.8	5.8	0.0	0.0	21.8	58.0	3.9	0.0	0.0	95.1		
Well 23	84.6	78.2	43.8	6.1	130.7	172.0	247.9	205.7	0.0	0.0	0.0	13.1	982.1		
Well 24	206.4	161.6	116.5	167.6	139.2	163.7	235.8	229.9	210.9	156.5	94.9	162.7	2,045.7		
Well 25	0.3	2.7	10.0	116.2	136.1	30.8	82.6	184.6	245.8	208.4	80.4	90.8	1,188.6		
Well 26	127.4	113.1	77.8	108.8	119.7	111.9	158.4	154.1	136.2	124.9	98.9	104.3	1,435.3		
Well 29	0.0	6.8	65.8	91.0	109.9	132.6	165.4	165.4	150.5	112.8	56.8	3.5	1,060.3		
To Banning ²	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Subtotal	430.1	369.5	354.0	525.2	884.7	931.7	1,281.8	1,388.3	1,209.7	900.4	540.0	616.0	9,431.3	6,802.0	0.0
South Mesa Water Company															
3rd No. 4 Well	18.3	16.8	19.9	20.7	30.2	50.9	52.9	56.8	52.3	45.2	30.3	25.5	419.9		
Subtotal	18.3	16.8	19.9	20.7	30.2	50.9	52.9	56.8	52.3	45.2	30.3	25.5	419.9	1,996.0	1,576.1
Yucaipa Valley Water District															
Well 35	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Well 48	27.37	23.43	22.25	33.71	50.16	67.00	84.85	82.47	76.06	46.97	12.18	7.69	534.1		
Subtotal	27.4	23.4	22.3	33.7	50.2	67.0	84.9	82.5	76.1	47.0	12.2	7.7	534.1	2,173.0	1,638.9
Total	502.1	436.2	441.2	640.3	1,074.6	1,188.1	1,712.6	1,766.5	1,492.1	1,095.5	636.8	741.1	11,727.1	16,000.0	6,902.3

1 - All values rounded and subject to revision based on receipt of more accurate information

2 - Pursuant to Part I, Paragraph 3 B of the Judgment, and a separate Agreement (a copy of which is on file with the Watermaster).

3.- Temporary surplus based on 16,000 ac-ft/yr allocated

**Table 3-2A
Overlying Producer Summary of Production for Calendar Year 2003 (ac-ft)**

Owner and Well Name	Metered	Monthly Water Production by Overlying Producers ¹						Total ² Production (Jul-Dec)	Overlying Water Right FY 03/04	Overlying Water Right (Jul-Dec) 2003	Unused Overlying Allocation in 2003	
		Jul	Aug	Sep	Oct	Nov	Dec					
Beckman, Walter M.	No							16.20	(6)	75.00	37.50	21.30
California Oak Valley Golf and Resort LLC³												
Oak Valley #1	Yes											
Oak Valley #2	Yes											
Subtotal								736.20	(6)	950.00	475.00	0.00
Merlin Properties	No							3.60	(6)	550.00	275.00	271.40
Oak Valley Partners, LP⁴												
Haskell Ranch-Main	N/A							29.40				
Singleton Ranch #5	No							180.00				
Singleton Ranch #7	Yes							85.80				
Irrigation Stokes	No							6.00				
Subtotal								301.20	(6)	1,806.00	903.00	601.80
Plantation on the Lake LLC	Yes	26.80	38.00	38.10	31.60	25.50	18.60	178.60		581.00	290.50	111.90
Rancho Calimesa Mobile Home Park	No							35.40	(6)	150.00	75.00	39.60
Roman Catholic Bishop of San Bernardino	No							46.80	(6)	154.00	77.00	30.20
Sharondale Mesa Owners Association												
Well No.1	Yes	24.20	20.90	27.30	15.60	5.10	5.50	98.60				
Well No.2	Yes	0.00	0.00	0.00	0.00	0.00	5.70	5.70				
Subtotal		24.20	20.90	27.30	15.60	5.10	11.20	104.30		200.00	100.00	0.00
So Calif Section of the PGA of America⁵												
Well A	Yes	35.79	38.59	25.89	18.33	7.65	4.56	130.80				
Well B	No	From 2006/07 Annual Report - Ammended Tables for 2003/04						0.00				
Well C	Yes							0.00				
Well D	Yes	174.71	158.81	133.75	115.29	43.79	34.27	660.63				
Subtotal		210.50	197.40	159.64	133.62	51.44	38.83	791.43		2,200.00	1,100.00	308.57
Stearns, Leonard M. and Dorothy D.	No							1.05		200.00	100.00	98.95
Sunny-Cal Egg and Poultry Company								226.00	(7)	1,784.00	892.00	666.00
TOTAL								2,440.78		8,650.00	4,325.00	2,149.72

1.- All values rounded and subject to revision based on receipt of more accurate information.

2.- Total production is estimated for Overlying parties with un-metered wells.

3.- Metering began in late 2004 and was not reported monthly. One total production value for each well was reported to Watermaster for FY 2003/04 . For the conversion to CY accounting, it was assumed that CY 2004 production for this entity was equal to FY 2003/04 production (1,227.4 acre-ft).

4.- Provided copies of state filing with annual calendar year totals for each well. Production values for Singleton Ranch #5 and Irrigation Stokes are estimated by Oak Valley Partners.

5.- Provided copies of state filing with annual calendar year totals for each well. The wells were metered, but PGA only provided meter reads for January through June 2004. Used state filing with annual calendar year totals for conversion from FY to CY accounting.

6.- Production for the Jul-Dec 2003 period estimated as 60 percent of the annual production. This is based on average production for the Jul-Dec period for similar users.

7.- Production for the Jul-Dec 2003 period was based on 1,200,000 chickens and 66.4 irrigated acres, similar to 2004 quantities.

**Table 3-2B
Overlying Producer Summary of Production for Calendar Year 2004 (ac-ft)**

Owner and Well Name	Metered	Monthly Water Production by Overlying Producer ¹												Total ² Production	Overlying Water Right	Unused Overlying Allocation in 2004
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
Beckman, Walter M.	No													27.00	75.00	48.00
California Oak Valley Golf and Resort LLC³																
Oak Valley #1	Yes															
Oak Valley #2	Yes															
Subtotal														728.64	950.00	221.36
Merlin Properties	No	Water Duty Method Used to Estimate Annual Production												1.58	550.00	548.42
Oak Valley Partners, LP⁴																
Haskell Ranch-Main	N/A													19.60		
Singleton Ranch #5	No													300.00		
Singleton Ranch #7	Yes													111.08		
Irrigation Stokes	No													10.00		
Subtotal														440.68	1,806.00	1,365.32
Plantation on the Lake LLC	Yes	18.3	21.7	13.2	24.1	30.3	35.1	35.9	41.4	40.7	37.8	21.8	20.5	340.88	581.00	240.12
Rancho Calimesa Mobile Home Park	No	Water Duty Method Used to Estimate Annual Production												68.25	150.00	81.75
Roman Catholic Bishop of San Bernardino	No	Water Duty Method Used to Estimate Annual Production												59.06	154.00	94.94
Sharondale Mesa Owners Association																
Well No.1	Yes	5.0	3.4	5.9	7.4	10.0	14.4	19.4	12.0	9.2	8.0	8.5	7.9	111.00		
Well No.2	Yes				1.7	12.0	5.2	7.7	9.6	6.5	4.2	0.0	0.0	47.02		
Subtotal		5.0	3.4	5.9	9.1	22.0	19.6	27.1	21.6	15.8	12.3	8.5	7.9	158.02	200.00	41.98
So Calif Section of the PGA of America⁵																
Well A	Yes	6.41	13.66	35.85	25.60	43.13	45.27	24.64	5.59	16.98	28.90	5.14	16.88	268.03		
Well B	No															
Well C	Yes													62.38		
Well D	Yes	36.51	14.05	56.44	64.85	113.66	147.98	208.31	193.95	143.74	41.01	12.98	45.17	1,078.64		
Subtotal		42.92	27.70	92.29	90.44	156.79	193.26	232.95	199.53	160.71	69.91	18.12	62.05	1,409.05	2,200.00	790.95
Stearns, Leonard M. and Dorothy D.	No	Water Duty Method Used to Estimate Annual Production												1.05	200.00	198.95
Sunny-Cal Egg and Poultry Company	N/A	Water Duty Method Used to Estimate Annual Production												404.42	1,784.00	1,379.58
TOTAL														3,638.63	8,650.00	5,011.37

1.- All values rounded and subject to revision based on receipt of more accurate information.

2.- Total production is estimated for Overlying parties with un-metered wells.

3.- Metering began in late 2004 and was not reported monthly. One total production value for each well was reported to Watermaster for FY 2003/04 . For the conversion to CY accounting, it was assumed that CY 2004 production for this entity was equal to FY 2003/04 production (1,227.4 acre-ft).

4.- Provided copies of state filing with annual calendar year totals for each well. Production values for Singleton Ranch #5 and Irrigation Stokes are estimated by Oak Valley Partners.

5.- Provided copies of state filing with annual calendar year totals for each well. The wells were metered, but PGA only provided meter reads for January through June 2004. In Oct 2012 production information for wells A and B for the Jul-Dec period was provided by the Morongo Band of Mission Indians, who acquired the golf course and renamed as the "Tukwet Canyon Golf Course".

**Table 3-2C
Overlying Producer Summary of Production for Calendar Year 2005 (ac-ft)**

Owner and Well Name	Metered	Monthly Water Production by Overlying Producer ¹												Total ² Production	Overlying Water Right	Unused Overlying Allocation in 2005
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
Beckman, Walter M.	No													22.40	75.00	52.60
California Oak Valley Golf and Resort LLC³																
Oak Valley #1	Yes	41.15		6.10			150.20	92.90		29.13	122.63	81.07		523.18		
Oak Valley #2	Yes			18.70			82.20	39.30		13.10	27.40	0.00	0.00	180.70		
Subtotal		41.15	0.00	24.80	0.00	0.00	232.40	132.20	0.00	42.23	150.03	81.07	0.00	703.88	950.00	246.12
Merlin Properties	No	Water Duty Method Used to Estimate Annual Production											1.55	550.00	548.45	
Oak Valley Partners, LP⁴																
Singleton Ranch #5	No													300.00		
Singleton Ranch #7	Yes													40.22		
Irrigation Stokes	No													10.00		
Subtotal														350.22	1,806.00	1,455.78
Plantation on the Lake LLC	Yes	23.00	11.94	8.27	16.80	20.21	34.28	35.25	35.85	42.90	32.56	25.39	23.73	310.19	581.00	270.81
Rancho Calimesa Mobile Home Park	No	Water Duty Method Used to Estimate Annual Production											68.25	150.00	81.75	
Roman Catholic Bishop of San Bernardino	No	Water Duty Method Used to Estimate Annual Production											55.60	154.00	98.40	
Sharondale Mesa Owners Association																
Well No.1	Yes	5.24	5.90	2.54	8.75	9.20	13.28	7.00	12.81	13.87	9.56	4.43	5.81	98.39		
Well No.2	Yes	0.00	0.00	4.30	5.15	7.22	8.13	15.97	12.64	7.18	6.76	9.56	5.65	82.56		
Subtotal		5.24	5.90	6.84	13.90	16.42	21.41	22.97	25.45	21.05	16.32	13.99	11.46	180.95	200.00	19.05
So Calif Section of the PGA of America⁵																
Well A	Yes	2.76	1.88	6.42	0.00	41.77	0.00	69.33	31.90	34.27	12.59	8.15	8.11	217.17		
Well C	Yes															
Well D	Yes	8.84	18.53	18.90	184.94	0.00	144.73	124.14	127.72	145.20	67.85	79.35	75.72	995.94		
Subtotal		11.59	20.41	25.32	184.94	41.77	144.73	193.48	159.62	179.48	80.44	87.50	83.83	1,213.11	2,200.00	986.89
Stearns, Leonard M. and Dorothy D.	No	Water Duty Method Used to Estimate Annual Production											1.05	200.00	198.95	
Sunny-Cal Egg and Poultry Company	No	Water Duty Method Used to Estimate Annual Production											385.44	1,784.00	1,398.56	
TOTAL														3,292.63	8,650.00	5,357.37

1.- All values rounded and subject to revision based on receipt of more accurate information.

2.- Total production is estimated for Overlying parties with un-metered wells.

3.- Initially, production not reported monthly. Blank values indicate no report in that month. Production reported for January 2005 was 164.6 acre-ft, but represented four months of production (October 2004 through January 2005). To estimate January value of 41.15 acre-ft, the total production was assumed to be equal across all four months.

4.- Provided copies of state filing with annual calendar year totals for each well. Production values for Singleton Ranch #5 and Irrigation Stokes are estimated by Oak Valley Partners. Meter reads were provided to the Watermaster, but due to inconsistent reporting, annual state recordation data was used.

5.- In Oct 2012 production information for wells A and B for 2005 was provided by the Morongo Band of Mission Indians, who acquired the golf course and renamed as the "Tukwet Canyon Golf Course".

**Table 3-2D
Overlying Producer Summary of Production for Calendar Year 2006 (ac-ft)**

Owner and Well Name	Metered	Monthly Water Production by Overlying Producer ¹												Total ² Production	Overlying Water Right	Unused Overlying Allocation in 2006
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
Beckman, Walter M.	Yes	0.73	0.33	0.62	0.06	0.41	2.01	1.88	1.99	1.51	0.71	1.06	0.18	11.49	75.00	63.51
California Oak Valley Golf and Resort LLC³																
Oak Valley #1	Yes	73.32	31.97	34.00	0.00	44.60	166.10	33.38	53.63	16.07	0.00	0.50	0.00	453.58		
Oak Valley #2	Yes	0.00	0.00	0.10	0.00	6.10	11.40	90.90	47.10	84.40	43.00	66.80	28.10	377.90		
Subtotal		73.32	31.97	34.10	0.00	50.70	177.50	124.28	100.73	100.47	43.00	67.30	28.10	831.48	950.00	118.53
Merlin Properties	No	Water Duty Method Used to Estimate Annual Production												1.58	550.00	548.42
Oak Valley Partners, LP⁴																
Singleton Ranch #5	No													300.00		
Singleton Ranch #7	Yes													2.14		
Irrigation Stokes	No													10.00		
Subtotal														312.14	1,806.00	1,493.86
Plantation on the Lake LLC	Yes	27.64	21.64	20.66	12.03	20.37	28.76	39.65	41.53	40.76	35.49	32.04	29.51	350.09	581.00	230.91
Rancho Calimesa Mobile Home Park	No	Water Duty Method Used to Estimate Annual Production												68.25	150.00	81.75
Roman Catholic Bishop of San Bernardino	No	Water Duty Method Used to Estimate Annual Production												58.97	154.00	95.03
Sharondale Mesa Owners Association																
Well No.1	Yes	5.07	6.63	2.10	4.31	8.67	14.21	5.54	11.63	12.56	10.24	9.08	6.98	97.02		
Well No.2	Yes	4.81	3.42	4.04	4.67	7.67	8.95	22.35	13.08	10.69	7.01	3.48	1.43	91.60		
Subtotal		9.88	10.05	6.14	8.98	16.34	23.16	27.89	24.71	23.25	17.25	12.56	8.41	188.62	200.00	11.38
So Calif Section of the PGA of America																
Well A	Yes	8.37	5.70	3.10	14.34	0.65	2.90	2.65	3.13	6.71	6.99	195.20	92.00	341.74		
Well C	Yes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Well D	Yes	75.58	15.00	10.00	147.17	169.91	218.21	196.21	163.49	212.94	92.11	29.12	81.90	1,411.64		
Subtotal		83.95	20.70	13.10	161.51	170.56	221.11	198.86	166.62	219.65	99.10	224.32	173.90	1,753.38	2,200.00	446.63
Stearns, Leonard M. and Dorothy D.	No	Water Duty Method Used to Estimate Annual Production												1.05	200.00	198.95
Sunny-Cal Egg and Poultry Company	No	Water Duty Method Used to Estimate Annual Production												2.63	1,439.50	1,436.87
Sunny-Cal North - Manheim, Manheim & Berman	No	Water Duty Method Used to Estimate Annual Production												13.22	300.00	286.78
Nikodinov, Nick	No	Water Duty Method Used to Estimate Annual Production												0.74	20.00	19.26
McAmis, Ronald L.	No	Water Duty Method Used to Estimate Annual Production												0.54	5.00	4.46
Aldama, Nicolas and Amalia	No	Water Duty Method Used to Estimate Annual Production												0.83	7.00	6.17
Gutierrez, Hector, et al.	No	Water Duty Method Used to Estimate Annual Production												1.37	10.00	8.63
Darmont, Boris and Miriam	No	Water Duty Method Used to Estimate Annual Production												0.35	2.50	2.15
TOTAL														3,596.7	8,650.0	5,053.3

1.- All values rounded and subject to revision based on receipt of more accurate information.

2.- Total production is estimated for Overlying parties with un-metered wells.

3.- Production reported for January 2006 includes production from December 2005.

4.- Provided copies of state filing with annual calendar year totals for each well. Production values for Singleton Ranch #5 and Irrigation Stokes are estimated by Oak Valley Partners. Meter reads were provided to the Watermaster, but due to inconsistent reporting, annual state recordation data was used.

**Table 3-2E
Overlying Producer Summary of Production for Calendar Year 2007 (ac-ft)**

Owner and Well Name	Metered	Monthly Water Production by Overlying Producer ¹												Total ² Production	Overlying Water Right	Unused Overlying Allocation in 2007
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
Beckman, Walter M.	Yes	0.30	0.17	0.24	0.31	0.41	0.51	0.53	0.87	2.19	1.48	0.99	0.31	8.31	75.00	66.69
California Oak Valley Golf and Resort LLC																
Oak Valley #1	Yes	0.00	0.00	0.00	20.08	16.61	0.00	0.00	0.00	26.00	41.00	58.00	20.00	181.68		
Oak Valley #2	Yes	35.60	20.70	46.60	21.90	56.70	85.80	89.00	109.00	90.00	42.00	0.00	0.00	597.30		
Subtotal		35.60	20.70	46.60	41.98	73.31	85.80	89.00	109.00	116.00	83.00	58.00	20.00	778.98	950.00	171.02
Merlin Properties	No	Water Duty Method Used to Estimate Annual Production												1.59	550.00	548.41
Oak Valley Partners, LP³																
Singleton Ranch #5	No													300.00		
Singleton Ranch #7	Yes	0.16	0.10	0.10	0.12	0.03	0.00	0.55	0.27	0.30	0.17	0.18	0.12	2.10		
Irrigation Stokes	No													10.00		
Subtotal														312.10	1,806.00	1,493.90
Plantation on the Lake LLC	Yes	21.63	21.14	16.88	31.72	23.72	38.11	44.40	39.10	45.60	30.90	2.20	28.80	344.19	581.00	236.81
Rancho Calimesa Mobile Home Park	No	Water Duty Method Used to Estimate Annual Production												69.30	150.00	80.70
Roman Catholic Bishop of San Bernardino	No	Water Duty Method Used to Estimate Annual Production												0.70	154.00	153.30
Sharondale Mesa Owners Association																
Well No.1	Yes	5.05	7.25	12.44	13.70	2.87	14.15	15.00	26.80	12.40	2.90	13.20	4.30	130.06		
Well No.2	Yes	1.89	0.00	0.00	0.00	17.79	5.60	6.00	0.00	7.00	14.00	0.00	0.00	52.28		
Subtotal		6.94	7.25	12.44	13.70	20.66	19.75	21.00	26.80	19.40	16.90	13.20	4.30	182.34	200.00	17.66
So Calif Section of the PGA of America																
Well A	Yes	4.26	79.48	60.00	72.00	52.50	51.35	0.40	1.23	3.09	2.95	0.69	1.17	329.12		
Well C	Yes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Well D	Yes	79.48	36.97	95.76	106.54	112.17	189.49	163.17	148.82	132.93	98.87	72.73	33.02	1,269.93		
Subtotal		83.74	116.45	155.76	178.54	164.67	240.84	163.57	150.05	136.02	101.82	73.42	34.19	1,599.05	2,200.00	600.95
Stearns, Leonard M. and Dorothy D.	No	Water Duty Method Used to Estimate Annual Production												1.05	200.00	198.95
Sunny-Cal Egg and Poultry Company	No	Water Duty Method Used to Estimate Annual Production												2.68	1,439.50	1,436.82
Albor Properties III, LP⁴	No	Water Duty Method Used to Estimate Annual Production												2.33	300.00	297.67
Nikodinov, Nick	No	Water Duty Method Used to Estimate Annual Production												0.75	20.00	19.25
McAmis, Ronald L.	No	Water Duty Method Used to Estimate Annual Production												0.55	5.00	4.45
Aldama, Nicolas and Amalia	No	Water Duty Method Used to Estimate Annual Production												0.84	7.00	6.16
Gutierrez, Hector, et al.	No	Water Duty Method Used to Estimate Annual Production												1.39	10.00	8.61
Darmont, Boris and Miriam	No	Water Duty Method Used to Estimate Annual Production												0.35	2.50	2.15
TOTAL														3,306.5	8,650.0	5,343.5

1.- All values rounded and subject to revision based on receipt of more accurate information.

2.- Total production is estimated for Overlying parties with un-metered wells.

3.- As reported to state as annual totals. Production values for Singleton Ranch #5 and Irrigation Stokes are estimated by Oak Valley Partners.

4.- Formerly Sunny-Can North - Manheim, Manheim & Burman.

**Table 3-2F
Overlying Producer Summary of Production for Calendar Year 2008 (ac-ft)**

Owner and Well Name	Metered	Monthly Water Production by Overlying Producer ¹												Total ² Production	Overlying Water Right	Unused Overlying Allocation in 2008
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
Beckman, Walter M.	Yes	0.21	0.31	0.43	1.43	0.72	1.66	1.9	1.7	1.7	0.9	1.3	0.4	12.69	75.00	62.31
California Oak Valley Golf and Resort LLC																
Oak Valley #1	Yes	8.00	15.00	45.00	87.00	52.00	96.00	117.5	68.4	77.0	31.1	0.0	0.0	596.93		
Oak Valley #2	Yes	0.00	0.00	0.00	0.00	0.00	0.00	0.2	30.3	27.0	58.8	54.5	12.7	183.50		
Subtotal		8.00	15.00	45.00	87.00	52.00	96.00	117.7	98.7	104.0	89.9	54.5	12.7	780.43	950.00	169.57
Merlin Properties	No	Water Duty Method Used to Estimate Annual Production												1.60	550.00	548.40
Oak Valley Partners, LP³																
Singleton Ranch #5	No													300.00		
Singleton Ranch #7	Yes	0.04	0.03	0.01	0.04	0.03	0.07	0.1	0.0	0.0	0.1	0.1	0.1	0.51		
Irrigation Stokes	No													10.00		
Subtotal														310.51	1,806.00	1,495.49
Plantation on the Lake LLC	Yes	15.80	18.20	17.70	23.50	30.70	35.40	38.7	43.5	40.8	34.9	32.1	22.8	354.04	581.00	226.96
Rancho Calimesa Mobile Home Park	No	Water Duty Method Used to Estimate Annual Production												69.30	150.00	80.70
Roman Catholic Bishop of San Bernardino	No	Water Duty Method Used to Estimate Annual Production												0.70	154.00	153.30
Sharondale Mesa Owners Association																
Well No.1	Yes	0.24	5.70	5.17	9.77	17.56	0.00	12.6	12.2	17.6	9.6	7.9	4.6	102.91		
Well No.2	Yes	3.00	0.00	4.00	3.00	0.00	21.00	14.4	10.3	15.0	7.9	7.4	4.3	90.39		
Subtotal		3.24	5.70	9.17	12.77	17.56	21.00	27.0	22.5	32.6	17.6	15.3	8.9	193.30	200.00	6.70
East Valley Golf Club⁴																
Well A	Yes	1.00	1.40	2.06	1.60	1.95	1.85	2.0	0.6	0.4	0.4	1.0	0.0	14.26		
Well C	Yes	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.00		
Well D	Yes	19.08	21.40	78.84	90.98	134.14	128.78	220.2	181.6	59.3	85.3	117.0	70.0	1,206.62		
Subtotal		20.08	22.80	80.90	92.58	136.09	130.63	222.20	182.20	59.70	85.70	118.00	70.00	1,220.88	2,200.00	979.12
Stearns, Leonard M. and Dorothy D.	No	Water Duty Method Used to Estimate Annual Production												1.05	200.00	198.95
Sunny-Cal Egg and Poultry Company	No	Water Duty Method Used to Estimate Annual Production												4.19	1,439.50	1,435.31
Albor Properties III, LP⁵	No	Water Duty Method Used to Estimate Annual Production												2.34	300.00	297.66
Nikodinov, Nick	No	Water Duty Method Used to Estimate Annual Production												0.75	20.00	19.25
McAmis, Ronald L.	No	Water Duty Method Used to Estimate Annual Production												0.55	5.00	4.45
Aldama, Nicolas and Amalia	No	Water Duty Method Used to Estimate Annual Production												0.85	7.00	6.15
Gutierrez, Hector, et al.	No	Water Duty Method Used to Estimate Annual Production												1.40	10.00	8.60
Darmont, Boris and Miriam	No	Water Duty Method Used to Estimate Annual Production												0.35	2.50	2.15
TOTAL														2,954.9	8,650.0	5,695.1

1.- All values rounded and subject to revision based on receipt of more accurate information.

2.- Total production is estimated for Overlying parties with un-metered wells.

3.- As reported to state as annual totals. Production values for Singleton Ranch #5 and Irrigation Stokes are estimated by Oak Valley Partners.

4.- Formerly the So Calif Section of the PGA of America.

5.- Formerly Sunny-Can North - Manheim, Manheim & Burman.

**Table 3-2G
Overlying Producer Summary of Production for Calendar Year 2009 (ac-ft)**

Owner and Well Name	Metered	Monthly Water Production by Overlying Producer ¹												Total ² Production	Overlying Water Right	Unused Overlying Allocation in 2009
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
Beckman, Walter M.	Yes	0.66	0.29	0.34	1.28	1.28	1.37	1.79	2.21	1.93	0.75	0.84	0.14	12.88	75.00	62.12
California Oak Valley Golf and Resort LLC																
Oak Valley #1	Yes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	76.77	9.57	49.35	0.00	135.69		
Oak Valley #2	Yes	32.50	25.70	27.50	86.10	77.00	66.30	108.10	104.67	42.73	43.92	8.05	8.41	630.98		
Subtotal		32.50	25.70	27.50	86.10	77.00	66.30	108.10	104.67	119.50	53.49	57.40	8.41	766.67	950.00	183.33
Merlin Properties	No	Water Duty Method Used to Estimate Annual Production												1.58	550.00	548.42
Oak Valley Partners, LP³																
Singleton Ranch #5	No													300.00		
Singleton Ranch #7	Yes	0.01	0.02	0.03	0.02	0.04	0.10	0.11	0.08	0.06	0.04			0.51		
Irrigation Stokes	No													10.00		
Subtotal														310.51	1,806.00	1,495.49
Plantation on the Lake LLC	Yes	15.51	17.41	13.52	26.58	37.84	34.79	36.78	33.98	33.98	33.98	33.98	33.98	352.31	581.00	228.70
Rancho Calimesa Mobile Home Park	No	Water Duty Method Used to Estimate Annual Production												69.30	150.00	80.70
Roman Catholic Bishop of San Bernardino	No	Water Duty Method Used to Estimate Annual Production												0.70	154.00	153.30
Sharondale Mesa Owners Association																
Well No.1	Yes	4.46	2.73	5.04	6.76	7.75	7.73	8.79	10.23	9.70	8.35	7.02	1.74	80.30		
Well No.2	Yes	4.11	2.77	4.81	6.21	6.84	6.81	7.75	8.26	8.49	7.36	6.02	4.55	73.98		
Subtotal		8.57	5.50	9.85	12.97	14.59	14.54	16.54	18.49	18.19	15.71	13.04	6.29	154.28	200.00	45.72
East Valley Golf Club⁴																
Well A	Yes	10.05	12.52	14.06	12.13	8.41	14.32	40.86	45.10	13.27	14.00	10.65	9.00	204.37		
Well C	Yes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Well D	Yes	32.00	28.37	80.60	93.47	114.15	87.45	142.35	122.16	111.32	80.00	45.00	17.37	954.24		
Subtotal		42.05	40.89	94.66	105.60	122.56	101.77	183.21	167.26	124.59	94.00	55.65	26.37	1,158.61	2,200.00	1,041.39
Stearns, Leonard M. and Dorothy D.	No	Water Duty Method Used to Estimate Annual Production												1.05	200.00	198.95
Sunny-Cal Egg and Poultry Company	No	Water Duty Method Used to Estimate Annual Production												4.19	1,439.50	1,435.31
Albor Properties III, LP⁵	No	Water Duty Method Used to Estimate Annual Production												2.27	300.00	297.73
Nikodinov, Nick	No	Water Duty Method Used to Estimate Annual Production												0.73	20.00	19.27
McAmis, Ronald L.	No	Water Duty Method Used to Estimate Annual Production												0.54	5.00	4.46
Aldama, Nicolas and Amalia	No	Water Duty Method Used to Estimate Annual Production												0.83	7.00	6.17
Gutierrez, Hector, et al.	No	Water Duty Method Used to Estimate Annual Production												1.37	10.00	8.63
Darmont, Boris and Miriam	No	Water Duty Method Used to Estimate Annual Production												0.35	2.50	2.15
TOTAL														2,838.17	8,650.0	5,811.8

1.- All values rounded and subject to revision based on receipt of more accurate information.

2.- Total production is estimated for Overlying parties with un-metered wells.

3.- Oak Valley Partners has not submitted data to the Watermaster since October 2009. Assumed annual production for Singleton Ranch #5 and Irrigation Stokes was the same as reported for 2004 through 2008.

4.- Formerly the So Calif Section of the PGA of America.

5.- Formerly Sunny-Can North - Manheim, Manheim & Burman.

**Table 3-2H
Overlying Producer Summary of Production for Calendar Year 2010 (ac-ft)**

Owner and Well Name	Metered	Monthly Water Production by Overlying Producer ¹												Total ² Production	Overlying Water Right	Unused Overlying Allocation in 2010
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
Beckman, Walter M.	Yes	0.45	0.06	0.30	0.18	0.91	0.61	1.09	0.81	1.22	0.24	0.30	0.20	6.37	75.00	68.63
California Oak Valley Golf and Resort LLC																
Oak Valley #1	Yes	5.18	7.81	9.45	6.14	57.30	24.61	45.63	24.61	94.27	25.28	3.95	0.00	304.23		
Oak Valley #2	Yes	13.48	0.00	24.04	15.30	36.52	26.93	41.38	59.10	4.38	0.13	30.39	9.24	260.89		
Subtotal		18.66	7.81	33.49	21.44	93.82	51.54	87.01	83.71	98.65	25.41	34.34	9.24	565.12	950.00	384.88
Merlin Properties	No	Water Duty Method Used to Estimate Annual Production												1.54	550.00	548.46
Oak Valley Partners, LP³																
Singleton Ranch #5	No													300.00		
Singleton Ranch #7	Yes													1.05		
Irrigation Stokes	No													10.00		
Subtotal														311.05	1,806.00	1,494.95
Plantation on the Lake LLC	Yes	33.98	12.40	12.43	24.33	25.59	33.23	33.15	39.52	20.33	49.86	28.86	23.51	337.19	581.00	243.82
Rancho Calimesa Mobile Home Park	No	Water Duty Method Used to Estimate Annual Production												69.30	150.00	80.70
Roman Catholic Bishop of San Bernardino	No	Water Duty Method Used to Estimate Annual Production												0.00	154.00	154.00
Sharondale Mesa Owners Association																
Well No.1	Yes	0.14	1.52	2.96	3.10	7.36	9.80	9.11	10.37	9.70	5.22	4.81	3.60	67.69		
Well No.2	Yes	5.13	1.53	2.85	4.89	6.33	7.79	7.77	8.60	8.14	4.30	4.47	2.84	64.64		
Subtotal		5.27	3.05	5.81	7.99	13.69	17.59	16.88	18.97	17.84	9.52	9.28	6.44	132.33	200.00	67.67
Tukwet Canyon Golf Club⁴																
Well A	Yes	1.50	2.46	4.89	1.70	8.74	28.22	16.43	26.75	11.56	3.28	10.04	3.08	118.65		
Well C	Yes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Well D	Yes	19.49	24.93	30.37	65.07	99.82	119.82	84.15	16.75	192.74	31.99	21.93	26.10	733.16		
Subtotal		20.99	27.39	35.26	66.77	108.56	148.04	100.58	43.50	204.30	35.27	31.97	29.18	851.81	2,200.00	1,348.19
Stearns, Leonard M. and Dorothy D.	No	Water Duty Method Used to Estimate Annual Production												0.70	200.00	199.30
East Valley Golf Club⁴	No	Water Duty Method Used to Estimate Annual Production												3.80	1,439.50	1,435.70
Albor Properties III, LP⁵	No	Water Duty Method Used to Estimate Annual Production												2.12	300.00	297.88
Nikodinov, Nick	No	Water Duty Method Used to Estimate Annual Production												0.70	20.00	19.30
McAmis, Ronald L.	No	Water Duty Method Used to Estimate Annual Production												0.53	5.00	4.47
Aldama, Nicolas and Amalia	No	Water Duty Method Used to Estimate Annual Production												0.79	7.00	6.21
Gutierrez, Hector, et al.	No	Water Duty Method Used to Estimate Annual Production												1.32	10.00	8.68
Darmont, Boris and Miriam	No	Water Duty Method Used to Estimate Annual Production												0.35	2.50	2.15
TOTAL														2,285.0	8,650.0	6,365.0

1.- All values rounded and subject to revision based on receipt of more accurate information.

2.- Total production is estimated for Overlying parties with un-metered wells.

3.- Oak Valley Partners has not submitted data to the Watermaster since October 2009. Assumed annual production for Singleton Ranch #5 and Irrigation Stokes was the same as reported for 2004 through 2008. Assumed production for Singleton Ranch #7 was equal to the average of the last four years of reported (2006-2009) production.

4.- Formerly known as the East Valley Golf Course; prior to that known as the Southern California Section of the PGA of America.

5.- Formerly Sunny-Can North - Manheim, Manheim & Burman.

**Table 3-2I
Overlying Producer Summary of Production for Calendar Year 2011 (ac-ft)**

Owner and Well Name	Metered	Monthly Water Production by Overlying Producer ¹												Total ² Production	Overlying Water Right	Unused Overlying Allocation in 2011
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
Beckman, Walter M.³	Yes	0.20	0.20	0.17	0.17	0.17	0.40	1.79	2.21	1.93	0.75	0.84	0.14	8.98	75.00	66.02
California Oak Valley Golf and Resort LLC³																
Oak Valley #1	Yes	10.65	1.00	0.23	0.00	0.00	0.00									
Oak Valley #2	Yes	0.30	9.55	0.56	15.36	72.15	12.58									
Subtotal		10.95	10.55	0.79	15.36	72.15	12.58	97.56	94.19	109.08	39.45	45.87	8.83	517.35	950.00	432.66
Merlin Properties	No	Water Duty Method Used to Estimate Annual Production												1.59	550.00	548.41
Oak Valley Partners, LP⁴																
Singleton Ranch #5	No													300.00		
Singleton Ranch #7	Yes													0.00		
Irrigation Stokes	No													10.00		
Subtotal														310.00	1,806.00	1,496.00
Plantation on the Lake LLC³	Yes	16.09	23.37	15.94	20.68	24.09	34.30	35.24	45.73	27.15	41.92	31.42	28.74	344.67	581.00	236.33
Rancho Calimesa Mobile Home Park	No	Water Duty Method Used to Estimate Annual Production												69.30	150.00	80.70
Roman Catholic Bishop of San Bernardino	No	Water Duty Method Used to Estimate Annual Production												0.00	154.00	154.00
Sharondale Mesa Owners Association³																
Well No.1	Yes	3.36	2.69	2.78	4.14	5.71	8.03	11.31	9.61							
Well No.2	Yes	3.25	2.58	2.54	4.12	6.16	6.45	6.60	8.81							
Subtotal		6.61	5.27	5.32	8.26	11.87	14.48	17.91	18.42	9.70	6.79	5.92	2.67	113.21	200.00	86.79
Tukwet Canyon Golf Club⁵																
Well A	Yes	2.26	2.06	14.74	2.81	22.57	18.12	33.91	15.57	3.78	1.35	0.76	0.47	118.40		
Well C	Yes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Well D	Yes	35.81	23.04	13.59	42.91	21.43	97.66	130.80	130.71	128.94	70.25	27.57	42.53	765.23		
Subtotal		38.07	25.10	28.33	45.72	44.00	115.78	164.71	146.28	132.72	71.60	28.33	43.00	883.63	2,200.00	1,316.37
Stearns, Leonard M. and Dorothy D.	No	Water Duty Method Used to Estimate Annual Production												0.70	200.00	199.30
Sunny-Cal Egg and Poultry Company	No	Water Duty Method Used to Estimate Annual Production												4.17	1,439.50	1,435.33
Albor Properties III, LP	No	Water Duty Method Used to Estimate Annual Production												2.33	300.00	297.67
Nikodinov, Nick	No	Water Duty Method Used to Estimate Annual Production												0.75	20.00	19.25
McAmis, Ronald L.	No	Water Duty Method Used to Estimate Annual Production												0.55	5.00	4.45
Aldama, Nicolas and Amalia	No	Water Duty Method Used to Estimate Annual Production												0.85	7.00	6.15
Gutierrez, Hector, et al.	No	Water Duty Method Used to Estimate Annual Production												1.39	10.00	8.61
Darmont, Boris and Miriam	No	Water Duty Method Used to Estimate Annual Production												0.35	2.50	2.15
TOTAL														2,259.8	8,650.0	6,390.2

1.- All values rounded and subject to revision based on receipt of more accurate information.

2.- Total production is estimated for Overlying parties with un-metered wells.

3.- Monthly production was estimated for a portion of the year based on 2009-10 monthly averages.

4.- Oak Valley Partners has not submitted data to the Watermaster since October 2009. Assumed annual production for Singleton Ranch #5 and Irrigation Stokes was the same as reported for 2004 through 2008. Assumed production for Singleton Ranch #7 was equal to the average of the last four years of reported (2006-2009) production.

5.- Formerly known as the East Valley Golf Course; prior to that known as the Southern California Section of the PGA of America. Actual production documented.

Table 3-3
Production Summary for Appropriator and Overlying Producers in the Beaumont Basin
Calendar Year Accounting (ac-ft)

	Annual Production (ac-ft)									Total Production
	2003 ¹	2004	2005	2006	2007	2008	2009	2010	2011	
Appropriator Parties										
Banning, City of	2,174.2	3,397.3	1,808.6	1,827.5	2,772.6	2,933.6	2,095.0	1,143.6	1,341.7	19,494.1
Beaumont-Cherry Valley Water District	3,511.9	6,873.9	7,025.6	9,054.1	11,383.3	10,710.5	10,133.9	9,421.3	9,431.3	77,545.8
South Mesa Water Company	223.2	482.5	663.2	616.0	665.8	470.9	382.2	405.0	419.9	4,328.6
Yucaipa Valley Water District	1,162.4	1,804.7	1,274.3	2,027.3	1,682.9	573.4	504.4	671.5	534.1	10,234.9
Subtotal	7,071.7	12,558.3	10,771.7	13,524.9	16,504.6	14,688.4	13,115.6	11,641.3	11,727.1	111,603.5
Overlying Parties										
Beckman, Walter M	16.2	27.0	22.4	11.5	8.3	12.7	12.9	6.4	9.0	126.3
California Oak Valley Golf and Resort LLC	736.2	728.6	703.9	831.5	779.0	780.4	766.7	565.1	517.3	6,408.7
Merlin Properties	3.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.6	16.2
Oak Valley Partners, LP	301.2	440.7	350.2	312.1	312.1	310.5	310.5	311.1	310.0	2,958.4
Plantation on the Lake LLC	178.6	340.9	310.2	350.1	344.2	354.0	352.3	337.2	344.7	2,912.1
Rancho Calimesa Mobile Home Park	35.4	68.3	68.3	68.3	69.3	69.3	69.3	69.3	69.3	586.7
Roman Catholic Bishop of San Bernardino	46.8	59.1	55.6	59.0	0.7	0.7	0.7	0.0	0.0	222.5
Sharondale Mesa Owners Association	104.3	158.0	181.0	188.6	182.3	193.3	154.3	132.3	113.2	1,407.4
Tukwet Canyon Golf Club ²	791.4	1,409.0	1,213.1	1,753.4	1,599.0	1,220.9	1,158.6	851.8	883.6	10,880.9
Stearns, Leonard M. and Dorothy D.	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.7	0.7	8.8
Sunny-Cal Egg and Poultry Company	226.0	404.4	385.4	2.6	2.7	4.2	4.2	3.8	4.2	1,037.5
Albor Properties III, LP ³				13.2	2.3	2.3	2.3	2.1	2.3	24.6
Nikodinov, Nick				0.7	0.8	0.8	0.7	0.7	0.8	4.4
McAmis, Ronald L.				0.5	0.6	0.6	0.5	0.5	0.6	3.3
Aldama, Nicolas and Amalia				0.8	0.8	0.9	0.8	0.8	0.9	5.0
Gutierrez, Hector, et. al.				1.4	1.4	1.4	1.4	1.3	1.4	8.2
Darmont, Boris and Miriam				0.4	0.4	0.4	0.4	0.4	0.4	2.1
Subtotal	2,440.8	3,638.6	3,292.6	3,596.7	3,306.5	2,954.9	2,838.2	2,285.0	2,259.8	26,613.2
Total	9,512.5	16,196.9	14,064.3	17,121.6	19,811.1	17,643.3	15,953.7	13,926.3	13,986.9	138,216.6

1.- 2003 groundwater production only includes Jul-Dec time period.

2.- Formerly known as the East Valley Golf Course and the Southern California Section of the PGA of America.

3.- Formerly Known as Sunny Cal North - Manheim, Manheim & Berman.

Table 3-4
Annual Supplemental Recharge to the Beaumont Basin -- Calendar Year Accounting

Year	Supplemental Recharge (ac-ft)				
	Banning ¹	Beaumont ²	BCVWD ¹	Pass Agency ³	Total
2003	-	-	-	-	-
2004	-	-	-	813.8	813.8
2005	-	-	-	687.4	687.4
2006	-	-	3,501.0	777.7	4,278.7
2007	-	-	4,501.0	541.3	5,042.3
2008	1,534.0	-	2,399.0	1,047.4	4,980.4
2009	2,741.2	-	2,741.2	823.4	6,305.8
2010	1,338.0	-	5,727.0	1,222.3	8,287.3
2011	800.0	-	7,979.0	1,842.0	10,621.0
Totals	6,413.2	-	26,848.2	7,755.3	41,016.7

1.- SWP water recharged in the BCVWD Noble Creek Recharge Facility

2.- The City of Beaumont is seeking credit for recycled water recharge in the Beaumont Basin from DP-007 in an unnamed tributary to Marshall Creek. A technical demonstration of the estimated amount of recharge in the Beaumont Basin is pending.

3.- SWP water recharged in the Pass Agency's Little San Gorgonio Creek Spreading Ponds

**Table 3-5
Summary of Unused Overlying Water -- Calendar Year Accounting (ac-ft)**

Watermaster Accounting Year	2003	2004	2005	2006	2007	2008	2009	2010	2011
Annual Overlying Water Right	4,325.0	8,650.0	8,650.0	8,650.0	8,650.0	8,650.0	8,650.0	8,650.0	8,650.0
Annual Overlying Production	2,440.8	3,638.6	3,292.6	3,596.7	3,306.5	2,954.9	2,838.2	2,285.0	2,259.8
Unused Overlying Water Right	1,884.2	5,011.4	5,357.4	5,053.3	5,343.5	5,695.1	5,811.8	6,365.0	6,390.2

**Table 3-6
Allocation of Unused Overlying Water -- Calendar Year Accounting (ac-ft)**

Appropriator Party	Share of Safe Yield	2008	2009	2010	2011	2012	2013	2014	2015	2016
Banning, City of	31.43%	592.2	1,575.1	1,683.8	1,588.2	1,679.5	1,790.0	1,826.7	2,000.5	2,008.4
Beaumont, City of	0.00%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Beaumont Cherry Valley Water District	42.51%	801.0	2,130.3	2,277.4	2,148.2	2,271.5	2,421.0	2,470.6	2,705.8	2,716.5
South Mesa Water Company	12.48%	235.2	625.4	668.6	630.6	666.9	710.7	725.3	794.3	797.5
Yucaipa Valley Water District	13.58%	255.9	680.5	727.5	686.2	725.6	773.4	789.2	864.4	867.8
Total	100.00%	1,884.2	5,011.4	5,357.4	5,053.3	5,343.5	5,695.1	5,811.8	6,365.0	6,390.2

**Table 3-7
Consolidation of Appropriator Production and Storage Accounts
Calendar Year Accounting (ac-ft)**

Calendar Year	Storage Account Balance at Beginning of CY	Share of Surplus Water	Groundwater Production for CY	Additions to Storage Account						Ending Account Balance	
				Under Production ¹	Unused Overlying Production Allocation	Transfers Among Appropriators	Supplemental Water		Local Recharge		Total Additions to Storage Account
							SWP Water Recharge	Recycled Water Recharge			
South Mesa Water Company - Authorized Storage Account: 20,000 ac-ft											
2003	0.0	998.0	223.2	774.8	0.0	0.0	0.0	0.0	0.0	774.8	774.8
2004	774.8	1,996.0	482.5	1,513.5	0.0	0.0	0.0	0.0	0.0	1,513.5	2,288.3
2005	2,288.3	1,996.0	663.2	1,332.8	0.0	0.0	0.0	0.0	0.0	1,332.8	3,621.1
2006	3,621.1	1,996.0	616.0	1,380.0	0.0	0.0	0.0	0.0	0.0	1,380.0	5,001.1
2007	5,001.1	1,996.0	665.8	1,330.2	0.0	-3,000.0	0.0	0.0	0.0	-1,669.8	3,331.3
2008	3,331.3	1,996.0	470.9	1,525.2	235.2	-2,500.0	0.0	0.0	0.0	-739.7	2,591.6
2009	2,591.6	1,996.0	382.2	1,613.8	625.4	-2,000.0	0.0	0.0	0.0	239.2	2,830.9
2010	2,830.9	1,996.0	405.0	1,591.1	668.6	0.0	0.0	0.0	0.0	2,259.6	5,090.5
2011	5,090.5	1,996.0	419.9	1,576.1	630.6	-3,500.0	0.0	0.0	0.0	-1,293.3	3,797.2
Yucaipa Valley Water District - Authorized Storage Account: 50,000 ac-ft											
2003	0.0	1,086.5	1,162.4	-75.9	0.0	0.0	0.0	0.0	0.0	-75.9	-75.9
2004	-75.9	2,173.0	1,804.7	368.3	0.0	0.0	0.0	0.0	0.0	368.3	292.4
2005	292.4	2,173.0	1,274.3	898.7	0.0	0.0	0.0	0.0	0.0	898.7	1,191.2
2006	1,191.2	2,173.0	2,027.3	145.7	0.0	0.0	0.0	0.0	0.0	145.7	1,336.9
2007	1,336.9	2,173.0	1,682.9	490.1	0.0	0.0	0.0	0.0	0.0	490.1	1,827.0
2008	1,827.0	2,173.0	573.4	1,599.6	255.9	0.0	0.0	0.0	0.0	1,855.5	3,682.4
2009	3,682.4	2,173.0	504.4	1,668.6	680.5	0.0	0.0	0.0	0.0	2,349.1	6,031.6
2010	6,031.6	2,173.0	671.5	1,501.6	727.5	0.0	0.0	0.0	0.0	2,229.1	8,260.7
2011	8,260.7	2,173.0	534.1	1,638.9	686.2	0.0	0.0	0.0	0.0	2,325.1	10,585.8
Totals											
2003	0.0	8,000.0	7,071.7	928.3	0.0	0.0	0.0	0.0	0.0	928.3	928.3
2004	928.3	16,000.0	12,558.3	3,441.7	0.0	0.0	0.0	0.0	0.0	3,441.7	4,370.0
2005	4,370.0	16,000.0	10,771.7	5,228.3	0.0	0.0	0.0	0.0	0.0	5,228.3	9,598.3
2006	9,598.3	16,000.0	13,524.9	2,475.1	0.0	0.0	3,501.0	0.0	0.0	5,976.1	15,574.4
2007	15,574.4	16,000.0	16,504.6	-504.6	0.0	0.0	4,501.0	0.0	0.0	3,996.4	19,570.8
2008	19,570.8	16,000.0	14,688.4	1,311.6	1,884.2	0.0	3,933.0	0.0	0.0	7,128.9	26,699.7
2009	26,699.7	16,000.0	13,115.6	2,884.4	5,011.4	0.0	5,482.4	0.0	0.0	13,378.2	40,077.9
2010	40,077.9	16,000.0	11,641.3	4,358.7	5,357.4	0.0	7,065.0	0.0	0.0	16,781.1	56,859.0
2011	56,859.0	16,000.0	11,727.1	4,272.9	5,053.3	0.0	8,779.0	0.0	0.0	18,105.2	74,964.2

1 -- Negative values of under production indicate that the appropriator pumped more than its share of the operating yield.

Table 3-8
Storage Balance Reconciliation - Fiscal Year vs. Calendar Year Analysis

	City of Banning	Beaumont Cherry Valley WD	South Mesa Water Company	Yucaipa Valley Water District	Combined Total
Account Balance based on Jul/2012 8th Annual Report	31,320.0	23,503.0	2,781.0	9,494.0	67,098.0
Share of Temporary Surplus Water for Jul-Dec 2011	2,514.5	3,401.0	998.0	1,086.5	8,000.0
Groundwater Production Jul-Dec 2011	935.3	5,936.1	263.0	310.2	7,444.6
Spreading	600.0	3,967.0	-	-	4,567.0
Transfers from Jul-Dec 2006 from Overlying Users	693.8	938.4	275.5	299.8	2,207.4
Projected Balance Using CY Basis	34,193.0	25,873.2	3,791.5	10,570.0	74,427.8
Balance CY 2011 - Current Study	36,604.9	23,976.3	3,797.2	10,585.8	74,964.2
Difference	2,412.0	(1,897.0)	5.7	15.7	536.4
Difference in Percentages	6.59%	-7.91%	0.15%	0.15%	0.72%

Appendix A
FY 2010-11 Audit Letter

BEAUMONT BASIN WATERMASTER
INDEPENDENT ACCOUNTANT'S REPORT ON APPLYING
AGREED-UPON PROCEDURES
ON THE BEAUMONT BASIN WATERMASTER SCHEDULES

OCTOBER 11, 2011



**INDEPENDENT ACCOUNTANTS' REPORT ON APPLYING
AGREED-UPON PROCEDURES**

Yucaipa Valley Water District as treasurer
of the Beaumont Basin Watermaster
Yucaipa, California

We have performed the procedures enumerated below, which were agreed to by the Yucaipa Valley Water District (District), as treasurer of the Beaumont Basin Watermaster (Watermaster), solely to assist the District in evaluating certain amounts reported in the Watermaster Schedules (Schedules), attached as Exhibit A and Exhibit B, on the full accrual basis of accounting. The District and Watermaster is responsible for the accuracy of the Schedules. This agreed-upon procedures engagement was conducted in accordance with attestation standards established by the American Institute of Certified Public Accountants. The sufficiency of the procedures is solely the responsibility of those parties specified in the report. Consequently, we make no representations regarding the sufficiency of the procedures described below, either for the purpose for which this report has been requested or for any other purpose.

Our procedures and findings are as follows:

1. Procedure

Agree the opening equity on Exhibit B to the ending equity noted on the trial balance for the fiscal year ended June 30, 2010.

Finding

No exceptions were noted as a result of applying the procedure.

2. Procedure

Agree the cash balance reported on Exhibit A to the bank reconciliation, bank statement and trial balance. Select all of the deposits in transit and outstanding checks and trace their clearing to the subsequent month's bank statement.

Finding

No exceptions were noted as a result of applying the procedure.

3. Procedure

Trace all member agency assessments recorded in the schedule to invoices and the bank statements.

Finding

No exceptions were noted as a result of applying the procedure.

4. Procedure

Compare the ending check number for the fiscal year ended June 30, 2010 to the beginning check number for the period beginning on July 1, 2010. Note any breaks in check sequence for the period of July 1, 2010 through June 30, 2011.

Finding

No exceptions were noted as a result of applying the procedure. No breaks in check sequence were noted during the period of July 1, 2010 through June 30, 2011.

5. Procedure

Based on the population of checks issued during July 1, 2010 through June 30, 2011, select all payments and trace the check to supporting invoice noting whether the activity pertains to the Watermaster. Agree the dollar amount and vendor on the invoice to the check for accuracy.

Finding

No exceptions were noted as a result of applying the procedure.

6. Procedure

Obtain the general ledger detail for the period of July 1, 2010 to June 30, 2011. Select all journal entries and trace the transaction to an approved journal entry and documentation supporting the nature and rationale of the journal entry.

Finding

No exceptions were noted as a result of applying the procedure.

We were not engaged to, and did not conduct an audit, the objective of which would be the expression of an opinion on the schedules of assets, liabilities and equity (Exhibit A) and assessments and expenses (Exhibit B) or the related internal control structure. Accordingly, we do not express such an opinion. Had we performed additional procedures, other matters might have come to our attention that would have been reported to you.

This report is intended solely for the use of the Beaumont Basin Watermaster and the District and is not intended to be and should not be used by anyone other than the specified party.



Rancho Cucamonga, California
October 11, 2011

BEAUMONT BASIN WATERMASTER
SCHEDULE OF ASSETS, LIABILITIES AND NET ASSETS
(UNAUDITED)
JUNE 30, 2011

ASSETS	
Cash and Cash Equivalents	<u>\$ 40,430</u>
LIABILITIES	
Accounts Payable	<u>-</u>
NET ASSETS	
Unrestricted	<u><u>\$ 40,430</u></u>

See Independent Accountant's Agreed Upon Procedures Report.

BEAUMONT BASIN WATERMASTER
SCHEDULE OF ASSESSMENTS AND EXPENSES
(UNAUDITED)
FOR THE FISCAL YEAR ENDED JUNE 30, 2011

REVENUES	
Assessments	\$ 30,000
Interest Revenue	4
	<u>30,004</u>
Total Revenues	
	<u>30,004</u>
EXPENSES	
Administrative Expenses:	
Meetings and Miscellaneous	1,297
Legal and Professional	2,525
Bank Charges and Miscellaneous	411
	<u>4,233</u>
Total Expenses	
	<u>4,233</u>
Change in Net Assets	25,771
NET ASSETS	
Unrestricted Net Assets, Beginning of Year	14,659
	<u>14,659</u>
Unrestricted Net Assets, End of Year	\$ 40,430
	<u>40,430</u>

See Independent Accountant's Agreed Upon Procedures Report.

Appendix B

Active and Interested Party List

Beaumont Basin - 2011 Active and Interested Party List

City of Banning

Duane Burk
Post Office Box 998
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dburk@ci.banning.ca.us

City of Banning

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Yucaipa Valley Water District

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South Mesa Mutual Water Company

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South Mesa Mutual Water Company

Dave Armstrong
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Beaumont-Cherry Valley Water District

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Beaumont-Cherry Valley Water District

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Beaumont-Cherry Valley Water District

Dawn Jorge
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Urban Logic Consultants

Dee Moorjani
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Sharondale Mesa Owners Association

William Wood
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Sharondale Mesa Owners Association

Ira Pace
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Plantation on the Lake

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Robert Hawkins, Esq.

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Newport Beach, CA 92660

California Oak Valley Golf and Resort, LLC.

Ron Sullivan
27710 Jefferson Avenue, Suite 301
Temecula, CA 92590

Oak Valley Partners, LP.

John Ohanian
Post Office Box 645
10410 Roberts Road
Calimesa, CA 92320

Latham and Watkins, LLP.

Paul Singarella, Esq.
650 Town Center Drive, 20th Floor
Costa Mesa, CA 92626-1925

Southern California Professional Golfers Association of America

Tom Addis
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Beaumont, CA 92223

Best, Best and Krieger

Greg Wilkinson, Esq.
3750 University Avenue, Suite 400
Riverside, CA 92501

Manheim, Manheim and Berman

Steve Anderson, Esq.
c/o Best, Best and Krieger
3750 University Avenue, Suite 400
Riverside, CA 92501

Sunny Cal Egg and Poultry Company

Steve Anderson, Esq.
c/o Best, Best and Krieger
3750 University Avenue, Suite 400
Riverside, CA 92501

Mrs. Beckman

38201 Cherry Valley Boulevard
Cherry Valley, CA 92223

Merlin Properties, LLC.

Fred and Richard Reidman
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Leonard Stearns

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San Bernardino Valley Municipal Water District

Douglas Headrick
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San Bernardino, CA 92408

San Bernardino Valley Municipal Water District

Sam Fueller
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San Gorgonio Pass Water Agency

Jeff Davis
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Beaumont, CA 92223

San Gorgonio Pass Water Agency

Barbara Voigt
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San Gorgonio Pass Water Agency

John Jeter
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San Gorgonio Pass Water Agency

Ray Morris
1210 Beaumont Avenue
Beaumont, CA 92223

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Appendix C
Production Estimation Methods for
Un-metered Overlying Producers

Production Estimation for Un-metered Overlying Producers

Introduction

The Water Duty Method is a method used to estimate groundwater production for individual Overlying Users whose wells do not have water meters. The method was initially developed by Wildermuth Environmental Inc. (WEI) during the preparation of the 2005-06 Annual Report for the Watermaster. This method was later updated by WEI and it has been used since.

This appendix presents a list of un-metered Overlying Users, a summary of the Water Duty Method, and updated production estimates.

Unmetered Overlying Users

The Water Duty Method was applied to the following un-metered Overlying Users:

- Merlin Properties
- Rancho Calimesa Mobile Home Park
- Roman Catholic Bishop of San Bernardino County
- Leonard M. and Dorothy D. Stearns
- Sunny-Cal Egg and Poultry Company
- Albor Properties III, LP
- Nick Nikodinov
- Ronald L. McAmis
- Nicolas and Amalia Aldama
- Hector Gutierrez, Luis Gutierrez, and Sebastian Monroy
- Boris and Miriam Darmont

Water Duty Method

The following is a summary of the main elements of the water duty method.

- The method is used to estimate groundwater pumping for indoor, outdoor, and agricultural use.
- Indoor water use is estimated based on the number of dwelling units on each producer's property. From historical water sales records in the BCVWD's service area, indoor water used was estimated 0.35 ac-ft/yr per dwelling unit. This consumption rate was applied to each Overlying User based on the number of dwelling units in their property.
- Outdoor water uses the Crop Water Requirement approach to estimate, based on the acreage of irrigated landscape, the volume of water pumped on each producer's property. This approach uses evapotranspiration records from the CIMIS Station 44,

located at the University of California, Riverside, and crop type to determine the amount of water required for landscape use; an irrigation efficiency of 70 percent is then used to estimate the volume of water pumped.

- Agricultural water use was limited to the operations of the former Sunny-Cal Egg and Poultry Company. The approach considers the water consumption of chickens and the amount of water used for washing ranch facilities. A water consumption rate of 60 gallons per day per 1,000 chickens was used, based on published daily nutritional requirements. Water for washing of ranch facilities was considered to be equal to the amount use for landscape irrigation on a per acre basis.

Estimated Water Production

The estimate of groundwater production from un-metered Overlying Users is presented for each user in the tables attached. It should be noted that very small differences exists between the amounts published in previous reports and the numbers presented here. The differences are based on the evapotranspiration values obtained from the CIMIS station; some published values currently used were slightly different than those used in the past for selected months.

University of California Riverside - CIMIS Station 44

Monthly Evapotranspiration Values - 2002 through 2012

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2002	2.65	3.60	4.68	4.88	6.34	7.13	7.55	6.95	5.66	3.13	3.15	2.01	57.73
2003	3.05	2.57	4.61	5.00	5.65	5.16	7.05	7.46	5.54	4.08	2.23	2.07	54.47
2004	2.49	2.76	4.81	5.90	7.10	6.50	7.55	6.81	5.83	3.39	2.44	2.30	57.88
2005	2.02	2.21	3.93	5.41	6.47	6.49	7.28	6.68	5.32	3.65	2.84	2.15	54.45
2006	2.92	3.35	3.42	4.26	6.02	7.16	7.73	7.20	5.70	3.95	3.14	2.94	57.79
2007	3.28	2.91	5.02	5.04	6.47	7.16	7.57	7.09	5.44	4.34	2.81	2.24	59.37
2008	1.69	2.31	5.30	6.04	6.28	7.59	7.53	7.23	5.79	5.02	3.14	1.89	59.81
2009	3.32	2.41	4.62	5.58	6.32	5.37	7.60	6.68	5.89	4.40	3.18	2.08	57.45
2010	2.35	2.44	4.67	5.11	6.18	6.25	6.57	6.99	5.45	2.10	3.22	1.78	53.11
2011	2.91	2.91	4.22	5.57	6.67	6.95	7.76	7.65	5.47	4.03	2.45	2.82	59.41

Crop Coefficient (Warm Season Bermuda Grass)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Kc	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7

Monthly Water Requirements (inches)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2004	1.74	1.93	3.37	4.13	4.97	4.55	5.29	4.77	4.08	2.37	1.71	1.61	40.52
2005	1.41	1.55	2.75	3.79	4.53	4.54	5.10	4.68	3.72	2.56	1.99	1.51	38.12
2006	2.04	2.35	2.39	2.98	4.21	5.01	5.41	5.04	3.99	2.77	2.20	2.06	40.45
2007	2.30	2.04	3.51	3.53	4.53	5.01	5.30	4.96	3.81	3.04	1.97	1.57	41.56
2008	1.18	1.62	3.71	4.23	4.40	5.31	5.27	5.06	4.05	3.51	2.20	1.32	41.87
2009	2.32	1.69	3.23	3.91	4.42	3.76	5.32	4.68	4.12	3.08	2.23	1.46	40.22
2010	1.65	1.71	3.27	3.58	4.33	4.38	4.60	4.89	3.82	1.47	2.25	1.25	37.18
2011	2.04	2.04	2.95	3.90	4.67	4.87	5.43	5.36	3.83	2.82	1.72	1.97	41.59

Indoor Water Use: 0.35 ac-ft/yr/du
Irrigation Efficiency: 70%

Estimated Pumping - All Unmetered Accounts

Year	Total Use (ac-ft/yr)
2004	534.36
2005	511.89
2006	149.53
2007	81.53
2008	83.08
2009	82.77
2010	81.15
2011	81.97

Estimated Pumping by Merlin Properties

Year	Parcel Size (acres)	No. DU	Indoor Water Use (ac-ft/yr)	Irrigated Acres	Irrigation Requirement (ac-ft/yr)	Outdoor Water Use (ac-ft/yr)	Total Use (ac-ft/yr)
2004	48	3	1.05	0.11	0.37	0.53	1.58
2005	48	3	1.05	0.11	0.35	0.50	1.55
2006	48	3	1.05	0.11	0.37	0.53	1.58
2007	48	3	1.05	0.11	0.38	0.54	1.59
2008	48	3	1.05	0.11	0.38	0.55	1.60
2009	48	3	1.05	0.11	0.37	0.53	1.58
2010	48	3	1.05	0.11	0.34	0.49	1.54
2011	48	3	1.05	0.11	0.38	0.54	1.59

Estimated Pumping by Rancho Calimesa

Year	Parcel Size (acres)	No. DU	Indoor Water Use (ac-ft/yr)	Irrigated Acres	Irrigation Requirement (ac-ft/yr)	Outdoor Water Use (ac-ft/yr)	Total Use (ac-ft/yr)
2004	29	195	68.25	0.00	0.00	0.00	68.25
2005	29	195	68.25	0.00	0.00	0.00	68.25
2006	29	195	68.25	0.00	0.00	0.00	68.25
2007	29	198	69.30	0.00	0.00	0.00	69.30
2008	29	198	69.30	0.00	0.00	0.00	69.30
2009	29	198	69.30	0.00	0.00	0.00	69.30
2010	29	198	69.30	0.00	0.00	0.00	69.30
2011	29	198	69.30	0.00	0.00	0.00	69.30

Estimated Pumping by Roman Catholic Bishop of San Bernardino

Year	Parcel Size (acres)	No. DU	Indoor Water Use (ac-ft/yr)	Irrigated Acres	Irrigation Requirement (ac-ft/yr)	Outdoor Water Use (ac-ft/yr)	Total Use (ac-ft/yr)
2004	34	2	0.70	12.10	40.85	58.36	59.06
2005	34	2	0.70	12.10	38.43	54.90	55.60
2006	34	2	0.70	12.10	40.79	58.27	58.97
2007	34	2	0.70	0.00	0.00	0.00	0.70
2008	34	2	0.70	0.00	0.00	0.00	0.70
2009	34	2	0.70	0.00	0.00	0.00	0.70
2010	34	0	0.00	0.00	0.00	0.00	0.00
2011	34	0	0.00	0.00	0.00	0.00	0.00

Estimated Pumping by Leonard Stearns

Year	Parcel Size (acres)	No. DU	Indoor Water Use (ac-ft/yr)	Irrigated Acres	Irrigation Requirement (ac-ft/yr)	Outdoor Water Use (ac-ft/yr)	Total Use (ac-ft/yr)
2004	91	3	1.05	0.00	0.00	0.00	1.05
2005	91	3	1.05	0.00	0.00	0.00	1.05
2006	91	3	1.05	0.00	0.00	0.00	1.05
2007	91	3	1.05	0.00	0.00	0.00	1.05
2008	91	3	1.05	0.00	0.00	0.00	1.05
2009	91	3	1.05	0.00	0.00	0.00	1.05
2010	91	2	0.70	0.00	0.00	0.00	0.70
2011	91	2	0.70	0.00	0.00	0.00	0.70

Estimated Pumping by Sunny Cal

Year	Parcel Size (acres)	No. DU	Indoor Water Use (ac-ft/yr)	Number of Chickens	Chicken Water Use (ac-ft/yr)	Irrigated Acres	Irrigation Requirement (ac-ft/yr)	Outdoor Water Use (ac-ft/yr)	Total Use (ac-ft/yr)
2004	200	10	3.50	1,200,000	80.65	66.40	224.19	320.27	404.42
2005	200	10	3.50	1,200,000	80.65	66.40	210.90	301.29	385.44
2006	185	2	0.70	0.00	0.00	0.40	1.35	1.93	2.63
2007	185	2	0.70	0.00	0.00	0.40	1.39	1.98	2.68
2008	185	2	0.70	0.00	0.00	0.70	2.44	3.49	4.19
2009	185	2	0.70	0.00	0.00	0.70	2.35	3.35	4.05
2010	185	2	0.70	0.00	0.00	0.70	2.17	3.10	3.80
2011	185	2	0.70	0.00	0.00	0.70	2.43	3.47	4.17

Water consumption per chicken estimated at 6.0 gal/100 chickens

Estimated Pumping by Albor Properties

Year	Parcel Size (acres)	No. DU	Indoor Water Use (ac-ft/yr)	Irrigated Acres	Irrigation Requirement (ac-ft/yr)	Outdoor Water Use (ac-ft/yr)	Total Use (ac-ft/yr)
2004	0	0	0.00	0.00	0.00	0.00	0.00
2005	0	0	0.00	0.00	0.00	0.00	0.00
2006	122	2	0.70	2.60	8.76	12.52	13.22
2007	122	1	0.35	0.40	1.39	1.98	2.33
2008	122	1	0.35	0.40	1.40	1.99	2.34
2009	122	1	0.35	0.40	1.34	1.92	2.27
2010	122	1	0.35	0.40	1.24	1.77	2.12
2011	122	1	0.35	0.40	1.39	1.98	2.33

Estimated Pumping by Nikodinov

Year	Parcel Size (acres)	No. DU	Indoor Water Use (ac-ft/yr)	Irrigated Acres	Irrigation Requirement (ac-ft/yr)	Outdoor Water Use (ac-ft/yr)	Total Use (ac-ft/yr)
2004	0	0	0.00	0.00	0.00	0.00	0.00
2005	0	0	0.00	0.00	0.00	0.00	0.00
2006	10	1	0.35	0.08	0.27	0.39	0.74
2007	10	1	0.35	0.08	0.28	0.40	0.75
2008	10	1	0.35	0.08	0.28	0.40	0.75
2009	10	1	0.35	0.08	0.27	0.38	0.73
2010	10	1	0.35	0.08	0.25	0.35	0.70
2011	10	1	0.35	0.08	0.28	0.40	0.75

Estimated Pumping by McAmis

Year	Parcel Size (acres)	No. DU	Indoor Water Use (ac-ft/yr)	Irrigated Acres	Irrigation Requirement (ac-ft/yr)	Outdoor Water Use (ac-ft/yr)	Total Use (ac-ft/yr)
2004	0	0	0.00	0.00	0.00	0.00	0.00
2005	0	0	0.00	0.00	0.00	0.00	0.00
2006	0.9	1	0.35	0.04	0.13	0.19	0.54
2007	0.9	1	0.35	0.04	0.14	0.20	0.55
2008	0.9	1	0.35	0.04	0.14	0.20	0.55
2009	0.9	1	0.35	0.04	0.13	0.19	0.54
2010	0.9	1	0.35	0.04	0.12	0.18	0.53
2011	0.9	1	0.35	0.04	0.14	0.20	0.55

Estimated Pumping by Aldama

Year	Parcel Size (acres)	No. DU	Indoor Water Use (ac-ft/yr)	Irrigated Acres	Irrigation Requirement (ac-ft/yr)	Outdoor Water Use (ac-ft/yr)	Total Use (ac-ft/yr)
2004	0	0	0.00	0.00	0.00	0.00	0.00
2005	0	0	0.00	0.00	0.00	0.00	0.00
2006	1.4	1	0.35	0.10	0.34	0.48	0.83
2007	1.4	1	0.35	0.10	0.35	0.49	0.84
2008	1.4	1	0.35	0.10	0.35	0.50	0.85
2009	1.4	1	0.35	0.10	0.34	0.48	0.83
2010	1.4	1	0.35	0.10	0.31	0.44	0.79
2011	1.4	1	0.35	0.10	0.35	0.50	0.85

Estimated Pumping by Gutierrez

Year	Parcel Size (acres)	No. DU	Indoor Water Use (ac-ft/yr)	Irrigated Acres	Irrigation Requirement (ac-ft/yr)	Outdoor Water Use (ac-ft/yr)	Total Use (ac-ft/yr)
2004	0	0	0.00	0.00	0.00	0.00	0.00
2005	0	0	0.00	0.00	0.00	0.00	0.00
2006	2	2	0.70	0.14	0.47	0.67	1.37
2007	2	2	0.70	0.14	0.48	0.69	1.39
2008	2	2	0.70	0.14	0.49	0.70	1.40
2009	2	2	0.70	0.14	0.47	0.67	1.37
2010	2	2	0.70	0.14	0.43	0.62	1.32
2011	2	2	0.70	0.14	0.49	0.69	1.39

Estimated Pumping by Damont

Year	Parcel Size (acres)	No. DU	Indoor Water Use (ac-ft/yr)	Irrigated Acres	Irrigation Requirement (ac-ft/yr)	Outdoor Water Use (ac-ft/yr)	Total Use (ac-ft/yr)
2004	0	0	0.00	0.00	0.00	0.00	0.00
2005	0	0	0.00	0.00	0.00	0.00	0.00
2006	0.5	1	0.35	0.00	0.00	0.00	0.35
2007	0.5	1	0.35	0.00	0.00	0.00	0.35
2008	0.5	1	0.35	0.00	0.00	0.00	0.35
2009	0.5	1	0.35	0.00	0.00	0.00	0.35
2010	0.5	1	0.35	0.00	0.00	0.00	0.35
2011	0.5	1	0.35	0.00	0.00	0.00	0.35