

STATE OF CALIFORNIA  
THE RESOURCES AGENCY  
**DEPARTMENT OF WATER RESOURCES**  
SOUTHERN DISTRICT

**WATERMASTER SERVICE**  
in the  
**WEST COAST BASIN**  
**Los Angeles County**

**July 1, 2007 - June 30, 2008**



**September 2008**

**Arnold Schwarzenegger**  
Governor  
State of California

**Mike Chrisman**  
Secretary for Resources  
The Resources Agency

**Lester A. Snow**  
Director  
Department of Water Resources



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## FOREWORD

The Department of Water Resources, as Watermaster, is pleased to submit this report on water supply conditions in the West Coast Basin during the 2007-2008 fiscal year. The report is prepared annually in accordance with the provisions of the Los Angeles County Superior Court Judgment in the West Coast Basin. The Judgment, together with Part 4, Division 2, of the California Water Code, authorizes this publication and the Department's administration of the Watermaster Service Area.

In the West Coast Basin, the Parties' allowable extraction for 2007-2008 was 76,760 acre-feet, of which 37,883 acre-feet of Adjudicated Rights was extracted and 12,283 acre-feet was kept as carryover.

This report includes information not only on groundwater extractions but also on the use of imported water and recycled water, the recharge operations, the administration of the water exchange pool, and the finances of the Watermaster Service.

The Watermaster appreciates the assistance and support received from the many public and private organizations and individuals whose contributions were essential to this report.

The success of Watermaster Service is dependent on continued cooperation and communication between the Watermaster and the water users.

Mark Stuart, Chief  
Southern District  
and Watermaster



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PLATES

(Bound at back of report)

\* Note Plates 1 and 2 have been removed.

3 Active Wells in West Coast Basin

STATE OF CALIFORNIA  
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THE RESOURCES AGENCY  
**Mike Chrisman, Secretary for Resources**

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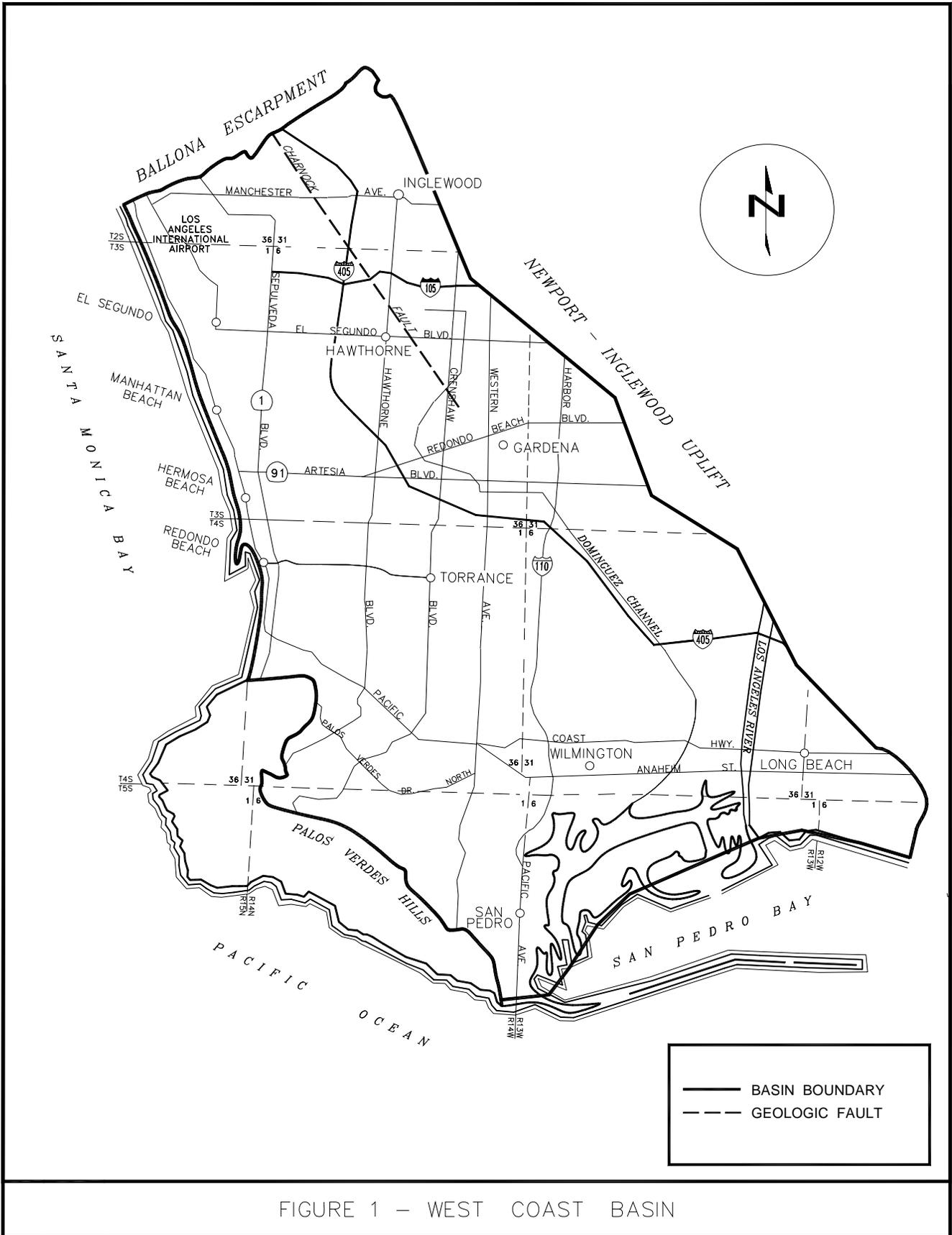
## I. INTRODUCTION

The West Coast Basin underlies 160 square miles in the southwestern part of the Los Angeles Coastal Plain in Los Angeles County (Figure 1). The Basin is bounded on the west by Santa Monica Bay, on the north by the Ballona Escarpment, on the east by the Newport-Inglewood Uplift, and on the south by San Pedro Bay and the Palos Verdes Hills. Twenty incorporated cities and several unincorporated areas overlie the Basin. A substantial portion of the water needed by the residents and industries in the area overlying the Basin is pumped directly from the groundwater in storage.

In 1945, when intrusion of sea water caused by declining water levels threatened the quality of the groundwater supply, legal action was begun to halt the overdraft and prevent further damage to the Basin. In 1955, the Superior Court of Los Angeles County appointed the Department of Water Resource as the Watermaster to administer an Interim Agreement, and in 1961, the Court retained the Department as the Watermaster of the Final West Coast Basin Judgment.

The Watermaster assists the Court administer and enforce the provisions of the Judgment. Among other duties, the Watermaster monitors groundwater levels and extractions and reports all significant water-related events in the Basin to the Court and to the parties to the Judgment. The activities of the Watermaster are key components for the effective management of the groundwater Basin.

This report summarizes the activities of the Watermaster, the conditions of the groundwater supply, and the quantities of water used and replenished; it also includes a financial report for the 2007-2008 fiscal year. There are three parts to the report: (1) Introduction, (2) Summary of Water Conditions and Operations, and (3) Details of Water Use and Operations, which contains the figures and tables on water supply, water use, water replenishment, and administration costs. Appendix A contains the continuing history of Watermaster Service operations and the duties and functions of the Watermaster. Appendix B contains adjudicated rights of the parties. Appendix C contains groundwater extractions. Appendix D contains changes in well status.



## II. SUMMARY OF WATER CONDITIONS AND OPERATIONS

All information is for fiscal year 2007-2008 except where noted.

### Precipitation

The mean precipitation over the West Coast Basin was 11.09 inches, which is 87 percent of the long-term mean of 12.73 inches.

### Groundwater Level Elevations

Groundwater level elevations were generally higher along the West Coast Basin Barrier and throughout the basin in spring 2008 than in spring 2007. The groundwater level elevations dropped in the area north from the city of Torrance and south from the city of Hawthorne. (See Figure 7).

### Water Quality

#### Values of Concentrations, in mg/L

<u>Constituent</u>	<u>Groundwater</u>	<u>Colorado River Water at Lake Mathews</u>	<u>State Water Project Water at Castaic Lake</u>
Chloride	118	98	67
Sulfate	36	265	44
Hardness (as CaCO <sub>3</sub> )	250	310	113
TDS	517	661	266

### Wells

There are 70 active extraction wells, 48 inactive extraction wells, 247 injection wells, and 526 observation wells.

### Spreading Operations

Los Angeles County Department of Public Works spread 92,839 acre-feet in the Montebello Forebay. The amount of water spread this year was 14 percent less than the amount spread in 2006-2007. Due to water shortages in the State and region, MWD discontinued the delivery of groundwater replenishment water.

### Extractions

Parties extracted 37,883.19 acre-feet of Adjudicated Rights.

### Overextractions

Four parties had a combined total overextraction of 291.69 acre-feet. (Table 1).

### Imported Water

Parties and one nonparty (California-American Water Company) imported 199,070 acre-feet. California-American Water Company, a nonparty, pumped and imported 2,377.74 acre-feet of water from Central Basin and imported 1,725.30 acre-feet from West Basin MWD.

### Exported Water

Golden State Water Company exported groundwater to portions of its service area in the Palos Verdes Hills.

### In-lieu Replenishment

There was no In-Lieu program within this fiscal year. (See Table 8)

### Water Use

The total amount of water (including recycled) used in the area overlying the basin was 4.3 percent less than the amount used in 2006-2007.

### Water Rights

There were no requests for exchange pool water.

There were 10 water right leases totaling 8,132.90 acre-feet.

There were no permanent transfers of water right ownership. Western Water Service Company has zero Adjudicated Rights, but it remains a party for the duration of its long-term lease agreement with Chevron USA Inc., which expires on June 30, 2013.

One party (Myron Z. Chlavin and Nettie Desser Trust and JHD Properties, LLC) that has zero Adjudicated Rights extracted 1.32 acre-feet.

### Oil Recovery and Basin Cleanup

Chevron USA Inc. operated an oil recovery and basin cleanup program at its El Segundo refinery.

Mobil Oil Corporation (Oil Recovery) pumped 202.75 acre-feet this year as part of a hydrocarbon clean-up program.

California Water Service Company (Dominguez) pumped 617.74 acre-feet this year from its West Basin Desalter Project (Brewer Desalter) well.

### Watermaster Income, Expenditures, and Budget

Watermaster income was \$211,635 and expenditures were \$222,076. (Table 3)

The tentative budget of \$250,000 was mailed on May 17, 2007, and it became final on June 1, 2007. (Table 11)

### Summary of pertinent data for Fiscal Years 2006-2007 and 2007-2008

Item	Fiscal year 2006-2007	Fiscal year 2007-2008
Active pumpers	24	25
Active nonparties	0	0
Adjudicated Rights, in acre-feet	64,468.25	64,468.25
Watermaster expenses, total	\$296,536	\$222,076
Watermaster expenses, per Adjudicated Right	\$4.60	\$3.44
Rainfall, in inches	2.59	11.09
Injection at barrier projects, in acre-feet (including recycled water)	23,398	20,404
Extractions, in acre-feet*	36,939.05	38,703.68
Imports, in acre-feet**	208,411	191,922
Recycled water, in acre-feet	29,250	32,209
Exports, in acre-feet	0	0
Total water use (by parties), in acre-feet	274,600	262,835
* Includes water pumped for oil recovery production by Mobil Oil Corporation and Desalter production by California Water Service Company (Dominguez).		
** Includes barrier imports by Los Angeles County Department of Public Works.		

Tables 1 and 2 summarize and Figure 2 illustrates the Basin's operations for fiscal year 2007-2008. The details of operations and the remaining tables and figures are given in the next section.

**TABLE 1. OVEREXTRACTIONS\***

In acre-feet

Party	(1) Adjudicated Right	(2) Allowable Extraction*	(3) Amount Pumped	(4) Overextraction (3) - (2)	(5) Allowable Overextraction **
Chandler Palos Verdes Sand and Gravel Co.	294.20	257.93	320.28	62.35 ***	29.42
Pacific Crest Cemetery Co.	39.40	71.74	73.26	1.52	3.94
Tesoro Refining and Marketing Co.	3,432.00	5,116.39	5,317.69	201.30	343.20
Vukelich, Mike, Jr.	10.00	18.32	44.84	26.52 ***	2.00
Total				291.69	
<p>* See Table 2 for derivation.  ** Computed as 2 acre-feet or 10 percent of Adjudicated Right, whichever is greater Including carryover provisions.  *** Violation of Judgment. Party will be required to eliminate overextractions by leasing water, buying from the Exchange Pool, reducing pumpage, or purchasing imported water.</p>					

TABLE 2. ADJUDICATED RIGHT ACCOUNTING, 2007-2008 (acre-feet)

Party	Adjudicated Right July 1, 2007	Drought Carryover July 1, 2007	Normal Carryover July 1, 2007	Sales * 2007-08	Carryover from 2006-07	Leases *		Allowable Extraction	Amount Pumped	In-Lieu	Balance	Allowable Carryover into 2008-2009		
						With Flex	Without Flex					Drought	Normal	Total
A B C Nursery, Inc	24.10		4.82		4.82			28.92	24.46		4.46		4.46	4.46
Allied-Signal, Inc (Torrance)	22.50		4.50		4.50			27.00	0.00		27.00		4.50	4.50
Asahi Fancy Koi, Inc	2.00	32.20	2.00		34.20			36.20	0.00		36.20	32.20	2.00	34.20
Atlantic Richfield Co	5,309.00		1,061.80		1,061.80			6,370.80	1,727.28		4,643.52		1,061.80	1,061.80
Automation Industries, Inc	0.70	3.40	2.00		5.40			6.10	0.00		6.10	3.40	2.00	5.40
Black, Dana	11.80		2.36		2.36			14.16	0.00		14.16		2.36	2.36
CBS, Inc.	9.50		2.00		2.00			11.50	0.00		11.50		2.00	2.00
California Water Service Co	4,070.00		794.00		794.00	-100.00	-570.00	4,194.00	898.67		3,295.33		794.00	794.00
California Water Service Co (Dominguez)	10,417.45		2,083.49		2,083.49			12,500.94	6,230.36		6,270.58		2,083.49	2,083.49
California Water Service Co/ Hawthorne Lease	0.00		376.40		376.40	1,882.00		2,258.40	110.04		2,148.36		376.40	376.40
Carson-Harbor Village Mobile Home Park	8.20		2.00		2.00			10.20	0.00		10.20		2.00	2.00
Carson-Madrona Co	104.00		20.80		20.80			124.80	0.00		124.80		20.80	20.80
Century Builders	4.70		2.00		2.00			6.70	0.00		6.70		2.00	2.00
Chandler Palos Verdes Sand & Gravel Co	294.20		-36.27		-36.27			257.93	320.28		-62.35		-62.35	-62.35
Chevron USA, Inc	4,601.30		140.00		140.00	-3,901.30		840.00	0.00		840.00		140.00	140.00
Coastline Church of Christ	0.70	3.40	2.00		5.40			6.10	0.00		6.10	3.40	2.00	5.40
Conocophillips Co.	6,170.00	787.78	1,234.00		2,021.78			8,191.78	1,722.96		6,468.82	787.78	1,234.00	2,021.78
Curtis, Owen W	0.36	2.72	2.00		4.72			5.08	0.00		5.08	2.72	2.00	4.72
Delaney, Golda, Estate of	4.10	10.20	2.00		12.20			16.30	0.00		16.30	10.20	2.00	12.20
El Segundo, City of	953.00		190.60		190.60			1,143.60	0.00		1,143.60		190.60	190.60
Engelsma, Susan Trust	12.10		2.00		2.00	-12.10		2.00	0.00		2.00		2.00	2.00
Evergreen America Corp.	5.40		2.00		2.00			7.40	0.00		7.40		2.00	2.00
Fujimoto, Samuel R + Steven T + Jon K	20.00	12.28	4.00		16.28			36.28	6.55		29.73	12.28	4.00	16.28
Gillingham, Florence R, et al	2.40		2.00		2.00			4.40	0.00		4.40		2.00	2.00
Golden State Water Company	7,502.24	3.39	2,230.71		2,234.10	3,933.30		13,669.64	11,638.10		2,031.54	3.39	2,028.15	2,031.54
Hawthorne, City of	1,882.00		0.00		0.00	-1,882.00		0.00	0.00		0.00		0.00	0.00
Hillside Memorial Park	92.30		18.46		18.46			110.76	90.61		20.15		18.46	18.46
Hollywood Park Land Company, LLC	282.00		0.00		0.00	-282.00		0.00	0.00		0.00		0.00	0.00
Honold, Kristin Brandsma	11.80		2.36		2.36			14.16	0.00		14.16		2.36	2.36
Hughes Aircraft Co	0.00		0.00		0.00			0.00	0.00		0.00		0.00	0.00
Inglewood, City of	4,449.89		907.25		907.25			5,357.14	3,751.00		1,606.14		889.98	889.98
Inglewood Park Cemetery	0.00		2.00		2.00			2.00	0.00		2.00		2.00	2.00
Kinder Morgan Liquids Terminals, LLC	167.00		33.40		33.40			200.40	0.00		200.40		33.40	33.40
Leuzinger, Emma L, Estate of	1.40	4.50	2.00		6.50			7.90	0.00		7.90	4.50	2.00	6.50
Lomita, City of Water System	1,352.00		270.40		270.40			1,622.40	0.00		1,622.40		270.40	270.40

TABLE 2. ADJUDICATED RIGHT ACCOUNTING, 2007-2008 (acre-feet)

Party	Adjudicated Right July 1, 2007	Drought Carryover July 1, 2007	Normal Carryover July 1, 2007	Sales * 2007-08	Carryover from 2006-07	Leases *		Allowable Extraction	Amount Pumped	In-Lieu	Balance	Allowable Carryover into 2008-2009		
						With Flex	Without Flex					Drought	Normal	Total
Long Beach, City of	0.70		2.00		2.00			2.70	0.00		2.70		2.00	2.00
Lopes, Frank	3.70	9.40	2.00		11.40			15.10	0.00		15.10	9.40	2.00	11.40
Los Angeles, City of	1,503.00		0.00		0.00			1,503.00	0.00		1,503.00		300.60	300.60
Los Angeles County Recreation Facilities	363.70		72.74		72.74			436.44	189.37		247.07		72.74	72.74
Los Angeles County Sanitation District 2	102.00		31.73		31.73	100.00		233.73	176.45		57.28		40.40	40.40
Loyola Marymount University	48.10		9.62		9.62			57.72	0.00		57.72		9.62	9.62
Manhattan Beach, City of	1,131.20		17.96		17.96			1,149.16	983.66		165.50		165.50	165.50
Mayflower Nurseries	0.00		1.95		1.95			1.95	0.00		1.95		1.95	1.95
McDonnell Douglas Corp	1.70		2.00		2.00			3.70	0.00		3.70		2.00	2.00
Mobil Oil Corp	2,596.40	30.43	519.28		549.71			3,146.11	1,078.09		2,068.02	30.43	519.28	549.71
Mori, Roy H and Kenji	3.60	9.20	2.00		11.20			14.80	0.00		14.80	9.20	2.00	11.20
Myron Z. Chlavin & Nettie Desser Trust & JHD Pr.	0.00		2.42		2.42	12.10		14.52	1.32		13.20		2.42	2.42
Northrop Corp	38.15		7.63		7.63			45.78	0.00		45.78		7.63	7.63
Nozaki, Sumikichi	7.00		2.00		2.00			9.00	0.00		9.00		2.00	2.00
Pacific Crest Cemetery Co	39.40		-37.66		-37.66		70.00	71.74	73.26		-1.52		-1.52	-1.52
Palos Verdes Begonia Farm	0.00	7.40	0.00		7.40			7.40	0.00		7.40	7.40	0.00	7.40
Rehor, Josephine P	2.20		2.00		2.00			4.20	0.00		4.20		2.00	2.00
Rhodia, Inc	521.00		104.20		104.20			625.20	139.26		485.94		104.20	104.20
Rolling Hills Vista	0.00		2.00		2.00			2.00	0.00		2.00		2.00	2.00
Roman Catholic Archbishop of Los Angeles	72.30		-65.63		-65.63	366.00		372.67	283.41		89.26		87.66	87.66
Shell Oil Co	1,019.50	0.08	2.00		2.08	-1,019.50		2.08	0.00		2.08	0.08	2.00	2.08
Southern California Edison Co	57.10	6.22	11.42		17.64			74.74	32.38		42.36	6.22	11.42	17.64
Tesoro Refining and Marketing Company	3,432.00		164.89		164.89	1,019.50	500.00	5,116.39	5,317.69		-201.30		-201.30	-201.30
Torrance, City of	5,638.86		1,061.77		1,061.77	-366.00		6,334.63	3,043.15		3,291.48		1,054.57	1,054.57
Vukelich, Mike Jr.	10.00		8.32		8.32			18.32	44.84		-26.52		-26.52	-26.52
Watson Land Co	80.20		16.04		16.04			96.24	0.00		96.24		16.04	16.04
Watt Industrial Properties	0.10	1.00	2.00		3.00			3.10	0.00		3.10	1.00	2.00	3.00
Western Water Service Co	0.00		50.00		50.00	250.00		300.00	0.00		300.00		50.00	50.00 a/
Wiseburn School District	8.20		2.00		2.00			10.20	0.00		10.20		2.00	2.00
Zeigler, Maxwell T	0.00		2.00		2.00			2.00	0.00		2.00		2.00	2.00
<b>West Coast Basin Total</b>	<b>64,468.25</b>	<b>923.60</b>	<b>11,367.76</b>	<b>0.00</b>	<b>12,291.36</b>	<b>0.00</b>	<b>0.00</b>	<b>76,759.61</b>	<b>37,883.19</b>	<b>0.00</b>	<b>38,876.42</b>	<b>923.60</b>	<b>11,359.50</b>	<b>12,283.10</b>

\* See Table 13 and Appendix B for information concerning leases, transfer of water right entitlements or prior ownership.

a/ Effective 2005 F.Y. Western Water Service Co. is party with zero Adjudicated rights for the duration of long term lease agreement with Chevron (ends June 30, 2013).

**TABLE 2. ADJUDICATED RIGHT ACCOUNTING, 2007-2008 (acre-feet)**

Party	Adjudicated Right July 1, 2007	Drought Carryover July 1, 2007	Normal Carryover July 1, 2007	Sales * 2007-08	Carryover from 2006-07	Leases *		Allow able Extraction	Amount Pumped	In-Lieu	Balance	Allow able Carryover into 2008-2009			
						With Flex	Without Flex					Drought	Normal	Total	
<b>Nonparties</b>															
Carson Auto, Inc									0						
<b>Exempt</b>															
Atlantic Richfield Co (Oil Recovery)									0						
California Water Service Co (Brewer Desalter)									617.74						
Mobil Oil Corp (Oil Recovery)									202.75						
Water Replenishment District (Goldsworthy Desalter)									0.00						
								<b>Total Pumped</b>	<b>38,703.68</b>						

**TABLE 3. INCOME AND EXPENDITURES**

<u>Income</u>	<u>Parties</u>
From 2007-2008 billing	257,000
Balance from 2006-2007	-46,826
From budget penalties	1,461
Total income	\$211,635
 <b><u>Expenditures</u></b>	
Budget and Billing	1,171
Annual Report	46,918
Production and Posting	12,907
Basic Data (lease, Parties)	41,505
Meter Testing, Inspection, and Investigation	8,641
Engineering Assistance	96,045
Exchange Pool	250
Conjunctive Use	603
Equipment and Maintenance	207
Training	1,582
Water Level Measurement and Calculations	12,247
Attorney General	0
Total Expenditures	\$222,076
<b>Balance</b>	<b>-\$10,441 *</b>

\* Carryover or deficit to parties in 2008-2009 fiscal year, subject to delayed charges or credits. This deficit is due to a large negative balance carry-over from 2007 fiscal year.

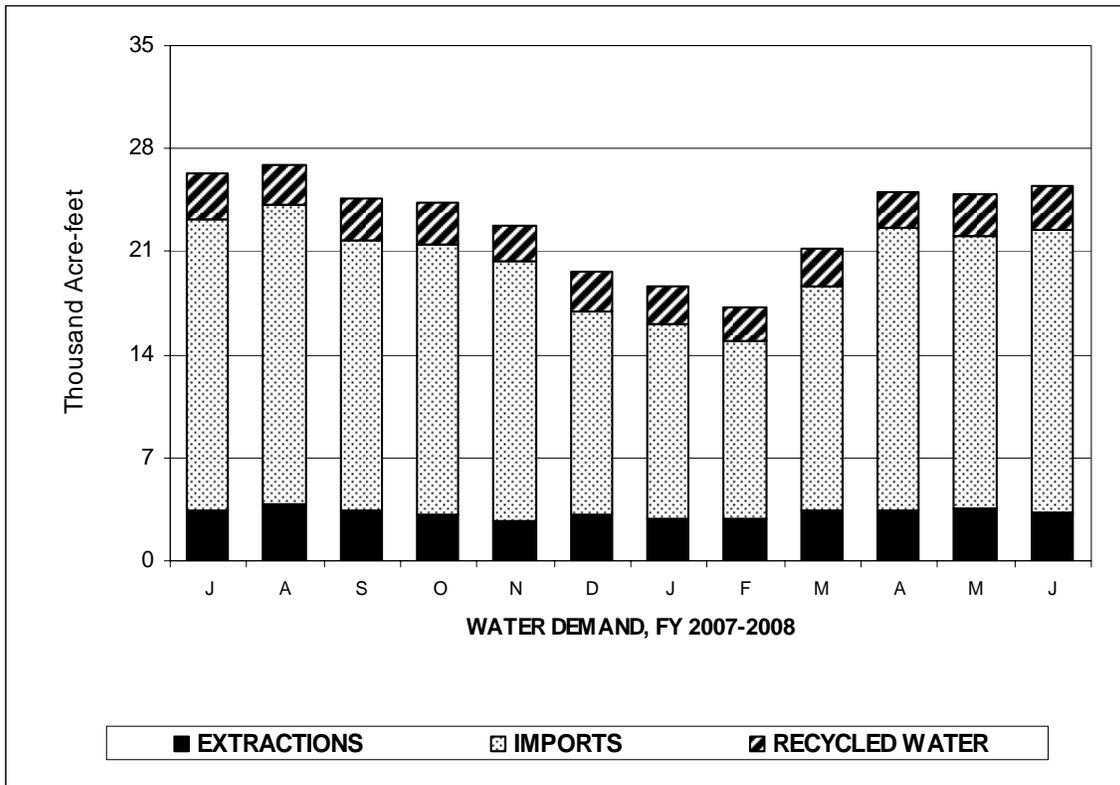
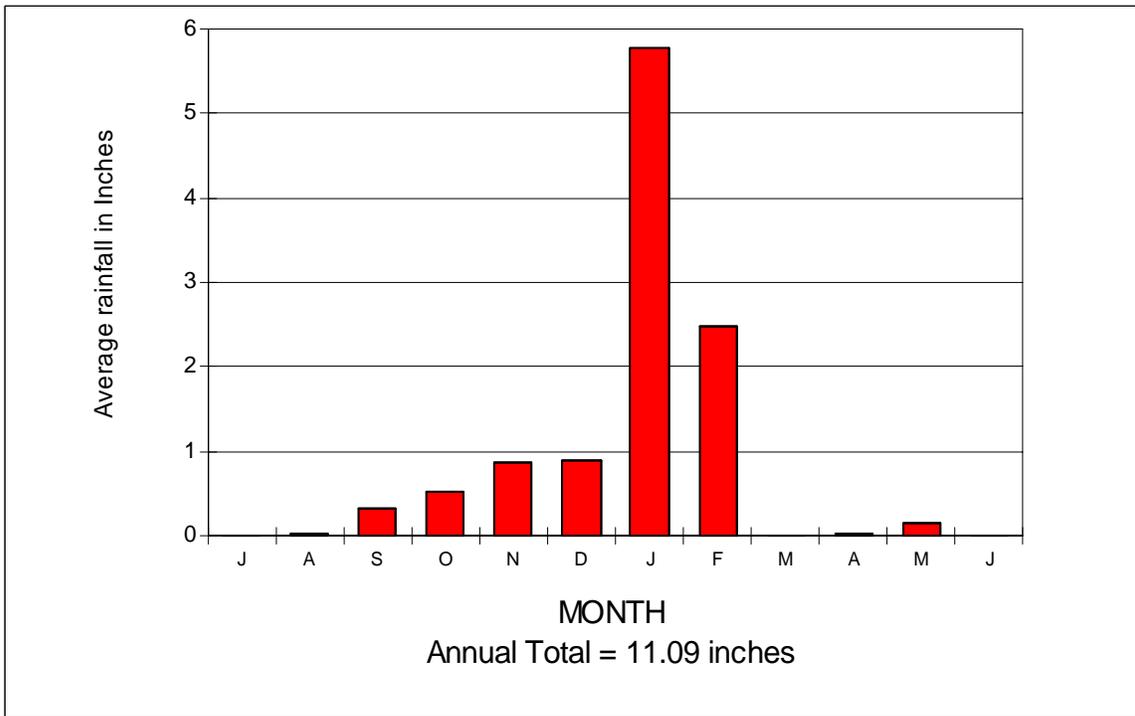


Figure 2 - MONTHLY BASIN RAINFALL AND WATER DEMAND



### III. DETAILS OF WATER USE AND OPERATIONS

Basin water use and operations are reported in the following tables and figures:

#### Operations

- Table 4 - Replenishment Operations (p. 15)  
Table 5 - Barrier Operations (p. 15)

#### Precipitation

- Figure 3 - Location of Precipitation Stations and Barrier Project Wells (p. 16)

#### Exchange Pool

- Table 6 - Exchange Pool (p. 17)

#### Water Use

- Table 7 - Extractions by Nonparties and Parties with Zero Adjudicated Rights (p. 17)  
Table 8 - Water Replenishment District In-Lieu Program (p. 17)  
Figure 4 - Pattern of Groundwater Production for 2007-2008 (p. 18)  
Table 9 - Imported Water and Recycled Water (p. 19)  
Table 10 - Gross Water Use (p. 20)

#### Groundwater

- Figure 5 - Lines of Equal Water Level Elevation, Silverado Aquifer, Fall 2007 (p. 21)  
Figure 6 - Lines of Equal Water Level Elevation, Silverado Aquifer, Spring 2008 (p. 22)  
Figure 7 - Areas of Water Level Change, Spring 2007 to Spring 2008 (p. 23)

- Figure 8 - Fluctuations of Water Level Elevations at Wells in Upper Pleistocene and Holocene Aquifers (p. 27)
- Figure 9 - Fluctuations of Water Level Elevations at Wells in the Silverado Aquifer (p. 28)
- Figure 10 - Fluctuations of Water Level Elevations at Wells in the Merged Phases of Silverado and Lynwood Aquifers (p. 29)
- Figure 11A - Chloride Content in Silverado Aquifer (South), September 2007 (p. 30)
- Figure 11B - Chloride Content in Silverado Aquifer (North), September 2007 (p. 31)
- Plate 3 - Active Wells in West Coast Basin

### Budget

- Table 11 – Approved Budget (p. 24)
- Table 12 - Apportionment of Parties' Share of Budget (p. 25)

### Water Rights

- Table 13 - Transfers of Adjudicated Rights (p. 26)

### Meter Testing Program

Watermaster schedules all meters to be tested every two years. This year, Watermaster visited 10 parties and performed 29 meter tests. The registration accuracies of 2 meters exceeded the required limits of plus or minus 5 percent. One meter was 13 percent slow, and one meter was 18 percent fast.

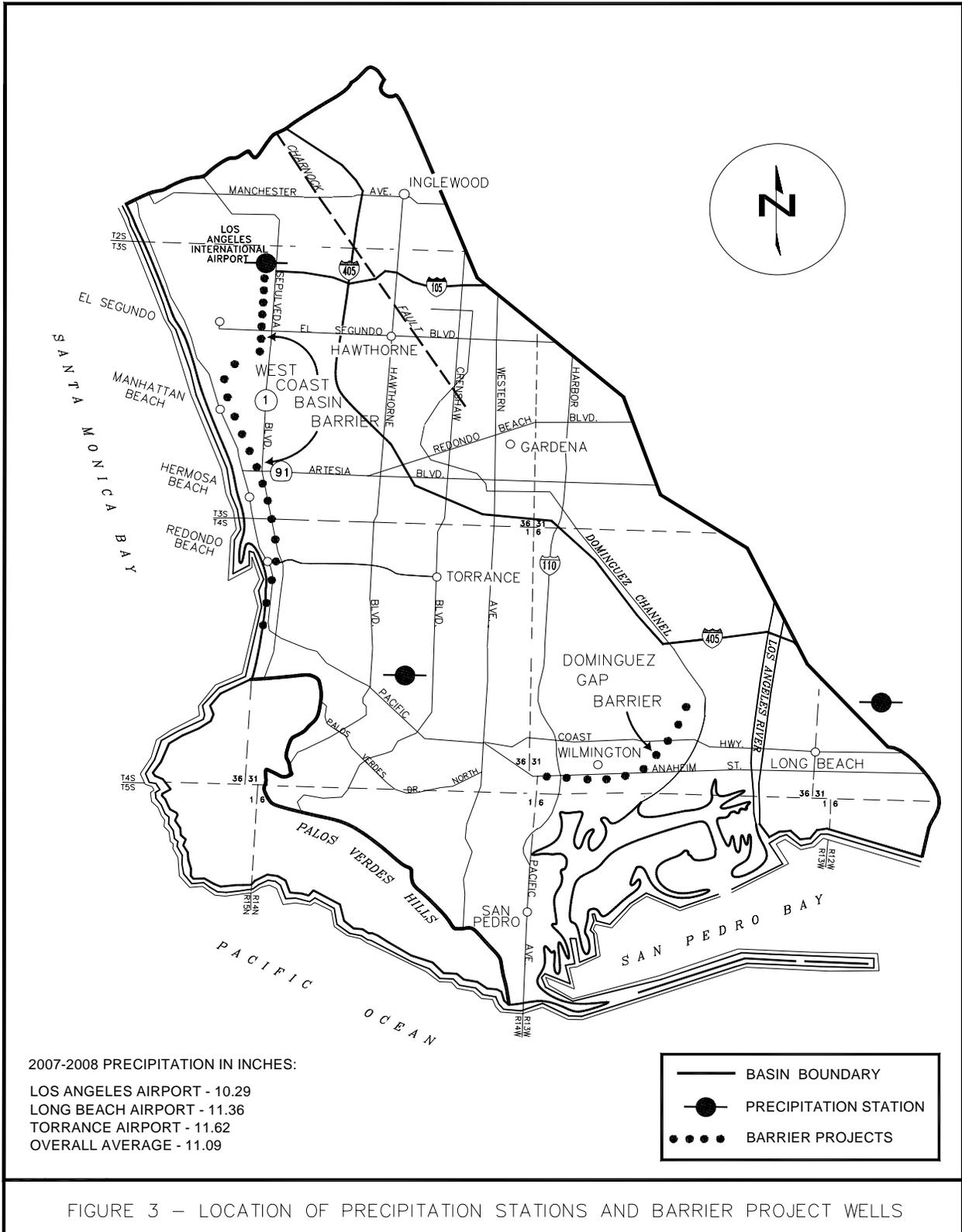
In addition, Watermaster performed 2 field investigations of new and destroyed wells, verified discrepancies between reported extractions and actual water meter readings, and made necessary adjustments to water production reported by parties.

**TABLE 4. REPENISHMENT OPERATIONS \***

Water Source	Quantity in acre-feet	
	2006-2007	2007-2008
Local runoff	10,137	50,389
Recycled water:		
Whittier Narrows WRP	8,437	6,755
San Jose WRP	35,581	30,111
Pomona WRP	2,912	4,074
MWD water purchased by WRD	51,144	0
Water spread by City of Downey, Cerritos, and Lakewood		1,510
Make-up water from Upper San Gabriel Basin		
Total	108,211	92,839
* Water spread in the Central Basin provides subsurface recharge to West Coast Basin. Provisional data provided by Los Angeles County Department of Public Works, as to amount actually spread in Montebello Forebay area.		

**TABLE 5. BARRIER OPERATIONS\***

Item	West Coast Basin Barrier	Dominguez Gap Barrier
Quantity injected, in acre-feet		
Imported water	3,793	3,787
Recycled water	11,129	1,695
Number of injection wells	153	94
Number of injection wells constructed during 2008 fiscal year	0	0
Number of observation wells	302	224
Number of observation wells constructed during 2008 fiscal year	0	1
*Provisional data provided by the Los Angeles County Department of Public Works.		



**TABLE 6. EXCHANGE POOL**

Offers or Requests Party	Amount in acre-feet		Price per acre-foot	Charge for Exchange Water
	Offered	Released		
There were no requests to purchase water; therefore, operation of the Exchange Pool Program was suspended.				

**TABLE 7. EXTRACTIONS BY NONPARTIES AND PARTIES WITH ZERO ADJUDICATED RIGHTS**

Pumper	State Well Number	Amount Pumped in acre-feet
<u>Nonparties</u>		
Carson Auto, Inc	04S13W15K005S	0.00
Total		0.00
<u>Parties with Zero Adjudicated Rights</u>		
Myron Z. Chlavin and Nettie Desser Trust and JHD properties, LLC	04S13W15Q001S	1.32
Hughes Aircraft Co	04S14W22L002S	0.00
Inglewood Park Cemetery	04S14W27M001S	0.00
Inglewood Park Cemetery	04S14W27N002S	0.00
Inglewood Park Cemetery	04S14W27N003S	0.00
Mayflower Nurseries	04S14W25K006S	0.00
Palos Verdes Begonia Farm	04S14W21N001S	0.00
Rolling Hills Vista	04S14W28J001S	0.00
Zeigler, Maxwell T	04S13W31M001S	0.00
Total		1.32

**TABLE 8. WATER REPLENISHMENT DISTRICT IN-LIEU PROGRAM**

Party	In-Lieu Amount Reserved in acre-feet
Not administered this fiscal year.	

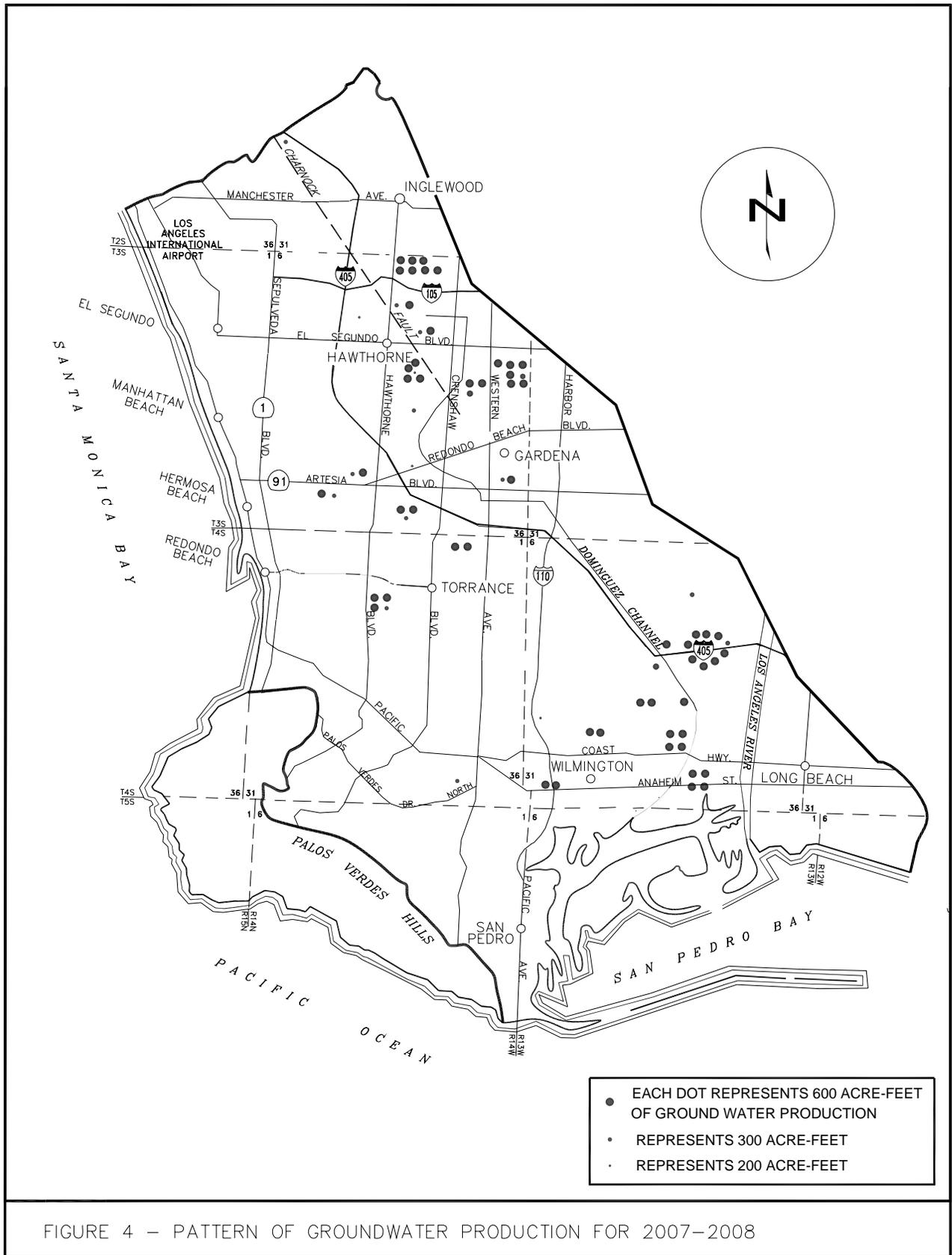


FIGURE 4 – PATTERN OF GROUNDWATER PRODUCTION FOR 2007–2008

Source of Water	Water Purveyor	Quantity in acre-feet	
		2006-2007	2007-2008
<b><u>Imported Water</u></b>			
Colorado River and State Water Project	<b>Long Beach, City of **</b>	37,533	35,315
Colorado River and State Water Project	<b>West Basin Municipal Water District:</b>		
	California Water Service Co.(Hermosa/Redondo)***	13,907	13,971
	California Water Service Co. (Dominguez)	29,372	27,095
	El Segundo, City of	8,861	9,085
	Golden State Water Co.	27,748	22,382
	Hawthorne, City of (California Water Service Co Lease)	4,723	4,554
	Inglewood, City of	7,527	7,689
	Lomita, City of	2,720	2,583
	Los Angeles County Department of Public Works #	11,162	7,609
	Los Angeles County Waterworks District No. 29 ##	--	--
	Manhattan Beach, City of	5,721	5,278
	West Basin MWD Subtotal	111,741	100,246
Colorado River and State Water Project	<b>Torrance, City of</b>	21,100	19,306
Owens River-Mono Basin, Colorado River, and State Water Project	<b>Los Angeles, City of</b>	38,037	37,055
	<b>Total Imported Water</b>	<u>208,411</u>	<u>191,922</u>
<b><u>Recycled Water</u></b>			
	<b>West Basin Municipal Water District:</b>		
	California Water Service Co.	141	145
	California Water Service Co. (Hawthorne Lease)	118	85
	California Water Service Co. (Dominguez)	3,610	4,690
	El Segundo, City of	8,201	7,865
	Golden State Water Co.	523	552
	Inglewood, City of	797	650
	Inglewood Unified School District	68	56
	Los Angeles Department of Water and Power	313	360
	Manhattan Beach, City of	316	288
	Torrance, City of	6,059	6,389
	Water Replenishment District #	9,104	11,129
	<b>Total Recycled Water</b>	<u>29,250</u>	<u>32,209</u>
* Does not include nonparty imports.			
** Includes water sold to WRD for the Alamitos Barrier; does not include water extracted from Central Basin and used in West Coast Basin.			
*** Palos Verdes is not in Watermaster Service Area; imported 22,911 AF; is excluded.			
# West Coast Basin and Dominguez Gap Barrier Projects.			
## Not in Watermaster Service area; 2007-2008 imported 10,654 AF; is excluded.			

**TABLE 10. GROSS WATER USE**  
**In acre-feet**

Party	Total Groundwater Extracted	Purchased Supply			Total Water Use
		Imported*	Within Basin**	Recycled	
AB C Nursery, Inc.	24.46				24.46
Allied-Signal, Inc (Torrance)	0.00				0.00
Asahi Fancy Koi, Inc.	0.00				0.00
Atlantic Richfield Company (BP Carson Refinery)	1,727.28		7,951.59	4,090.98	13,769.85
Automation Industries, Inc.	0.00				
Black, Dana	0.00				0.00
CBS, Inc.	0.00				0.00
California-American Water Co. ***	0.00	4,103.04 #			4,103.04
California Water Service Company (Excludes Palos Verdes imports.)	898.67	13,971.00		145.00	15,014.67
California Water Service Co. (Hawthorne Lease)	110.04	4,554.00		85.00	4,749.04
California Water Service Company (Dominguez)	6,230.36	27,094.80 ##		4,690.00	38,015.16
Carson-Harbor Village Mobile Home Park	0.00				0.00
Carson-Madrona Company	0.00				0.00
Century Builders	0.00				0.00
Chandler Palos Verdes Sand/Gravel	320.28				320.28
Chevron U S A Inc.	0.00				0.00
Coastline Church of Christ	0.00				0.00
Conocophillips Company	1,722.96		8,594.39		10,317.35
Curtis, Owen W.	0.00				0.00
Delaney, Golda, Estate of	0.00				0.00
El Segundo, City of	0.00	9,085.00		7,865.00	16,950.00
Englesma, Susan Trust	0.00				0.00
Evergreen America Corporation	0.00				0.00
Fujimoto, SR, ST, JK	6.55				6.55
Gillingham, Florence R. et al	0.00				0.00
Golden State Water Company	11,638.10	22,382.00		552.00	34,572.10
Hillside Memorial Park	90.61		50.00 E		140.61
Honold, Kristin Brandsma	0.00				0.00
Hughes Aircraft Company	0.00				0.00
Inglewood, City of	3,751.00	7,689.00		650.00	12,090.00
Inglewood Park Cemetery	0.00				0.00
Inglewood Unified School District ***				56.00	56.00
Kinder Morgan Liquids Terminals, LLC	0.00				0.00
Leuzinger, Emma L., Estate of	0.00				0.00
Lomita, City of Water System	0.00	2,583.00			2,583.00
Long Beach, City of	0.00	35,315.10			35,315.10
Lopes, Frank	0.00				0.00
Los Angeles, City of Department of Water and Power	0.00	37,055.00		360.00	37,415.00
Los Angeles County Recreation Facilities	189.37				189.37
Los Angeles County Sanitation Dist 2	176.45		386.62		563.07
Los Angeles County Waterworks Dist 29	0.00	10,654.00			10,654.00
Loyola Marymount University	0.00				0.00
Manhattan Beach, City of	983.66	5,278.00		288.00	6,549.66
Mayflower Nurseries	0.00				0.00
McDonnell Douglas Corporation	0.00				0.00
Mobil Oil Corporation	1,078.09				1,078.09
Mori, Roy H and Kenji	0.00				0.00
Myron Z. Chlavin	1.32				1.32
Northrop Corporation	0.00				0.00
Nozaki, Sumikichi	0.00				0.00
Pacific Crest Cemetery Company	73.26				73.26
Palos Verdes Begonia Farm	0.00				0.00
Rehor, Josephine P	0.00				0.00
Rhodia, Inc.	139.26		644.20		783.46
Rolling Hills Vista	0.00				0.00
Roman Catholic Archbishop of LA	283.41				283.41
Signal Hill, City of (nonparty)	0.00				0.00
Southern California Edison Co.	32.38				32.38
Tesoro Refining and Marketing Co.	5,317.69		2,066.40		7,384.09
Torrance, City of	3,043.15	19,306.20		6,389.00	28,738.35
Torrance, City of (Mobil)	0.00				0.00
Vukelich, Mike Jr.	44.84				44.84
Water Replenishment District ***				11,129.00	11,129.00
Watson Land Company	0.00		50.00 E		50.00
Watt Industrial Properties	0.00				0.00
Western Water Service Company (long term lease)	0.00				0.00
Wiseburn School District	0.00				0.00
Zeigler, Maxwell T.	0.00				0.00
<b>Total</b>	<b>37,883.19</b>	<b>199,070.14</b>	<b>19,743.20</b>	<b>32,209.00</b>	<b>292,996.51</b>

\* Import from MWD or member agency.

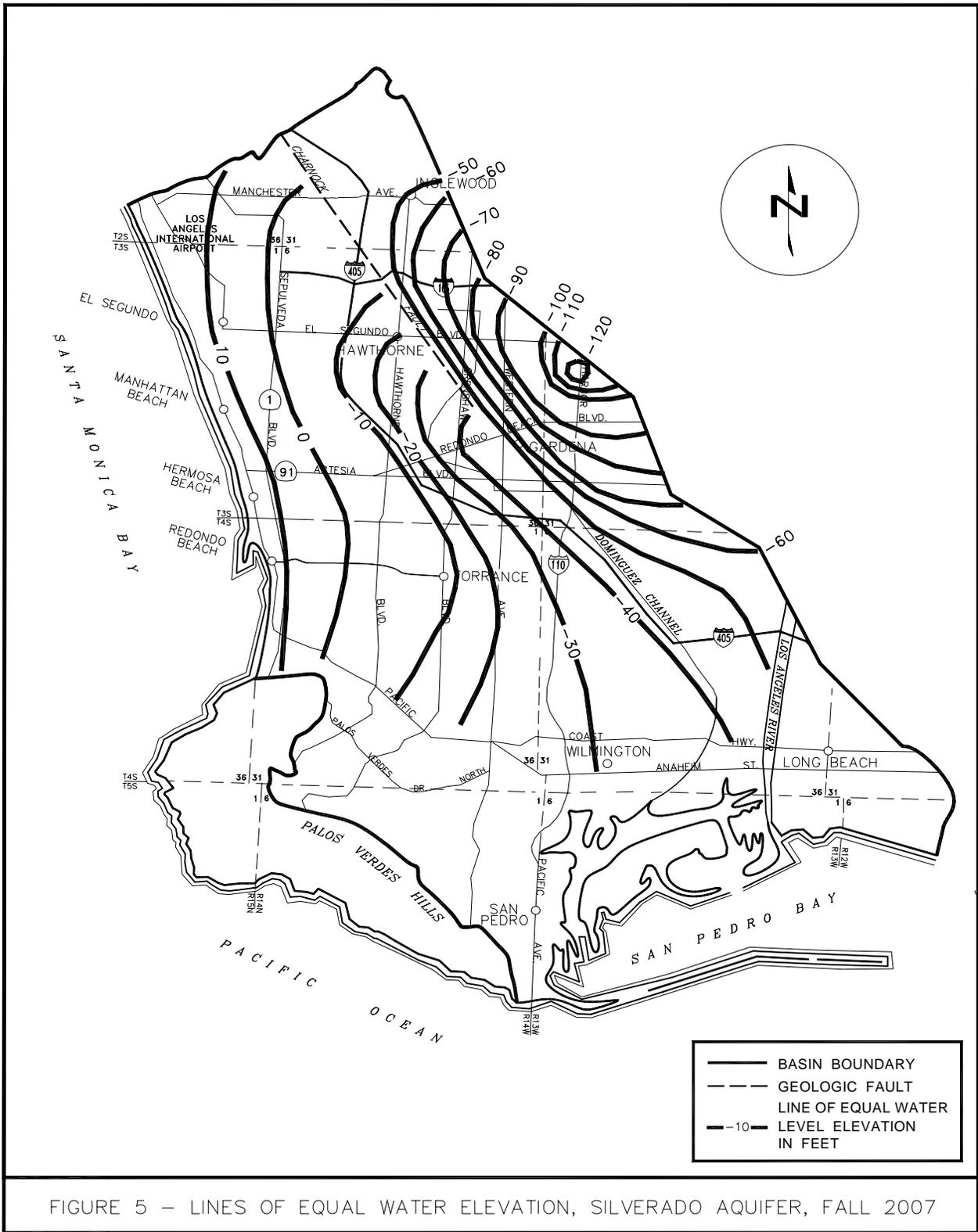
\*\* Purchased from municipal, mutual, or public utility water agency.

\*\*\* Nonparty

E Estimated value

# 2,377.74 af pumped in Central Basin and imported to West Basin; 1,725.30 af purchased from WBMWD totaling 4,103.04 af.

## Includes deliveries to ARCO (BP Carson Refinery), 7,951.59 af Potable and 4,090.98 af Recycled water.



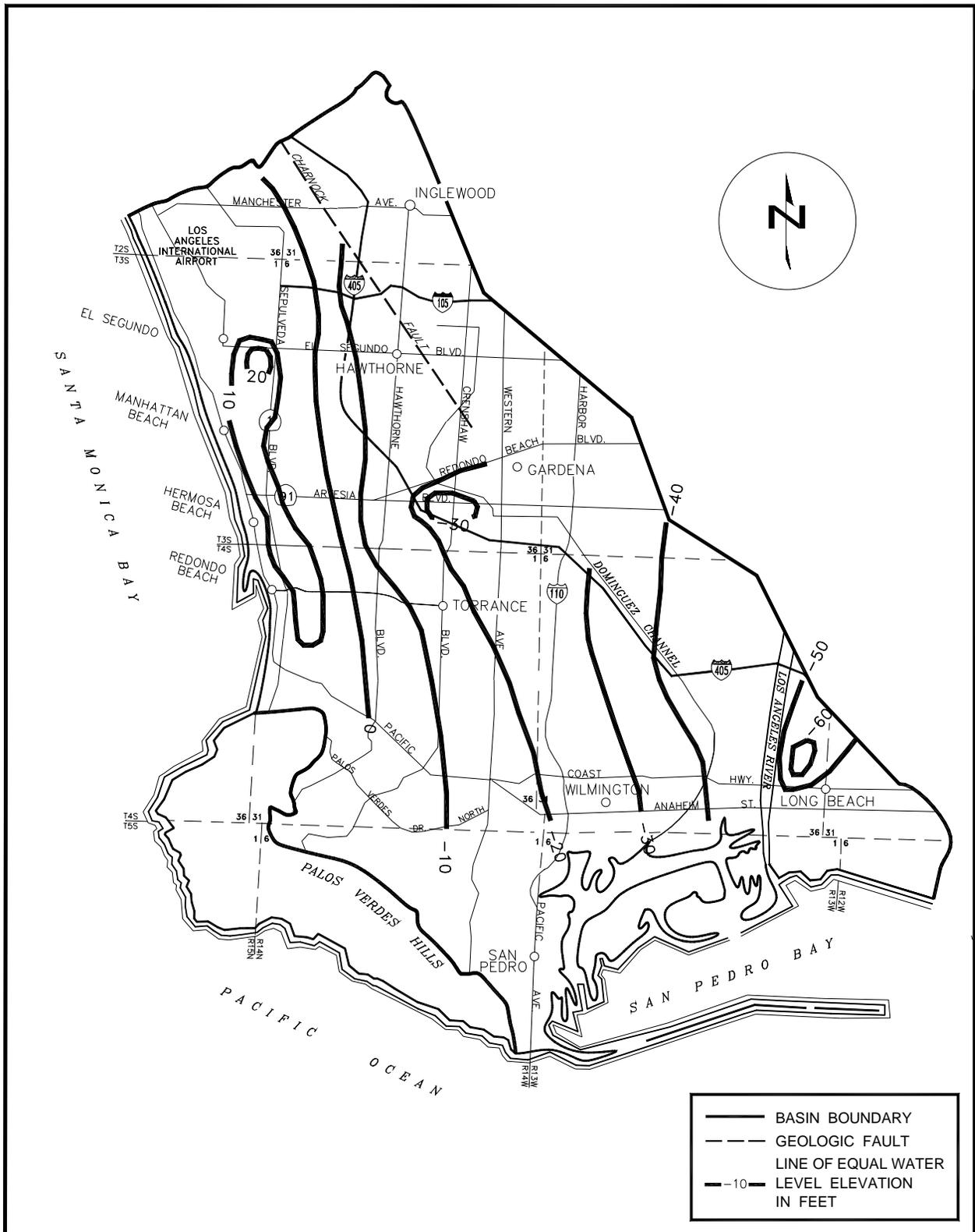


FIGURE 6 – LINES OF EQUAL WATER ELEVATION, SILVERADO AQUIFER, SPRING 2008

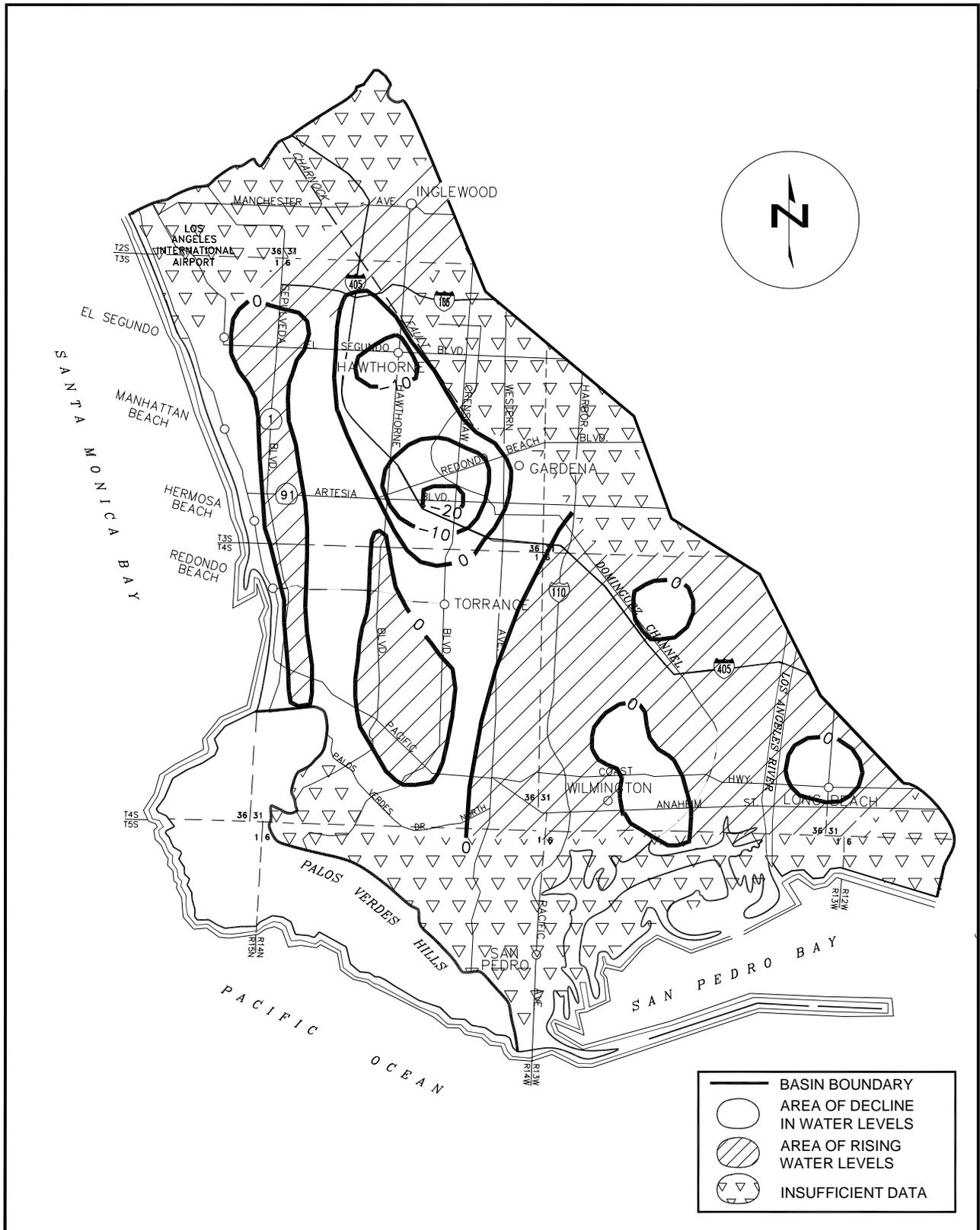


FIGURE 7 – AREAS OF WATER LEVEL CHANGE, SPRING 2007 TO SPRING 2008

**TABLE 11. APPROVED BUDGET**

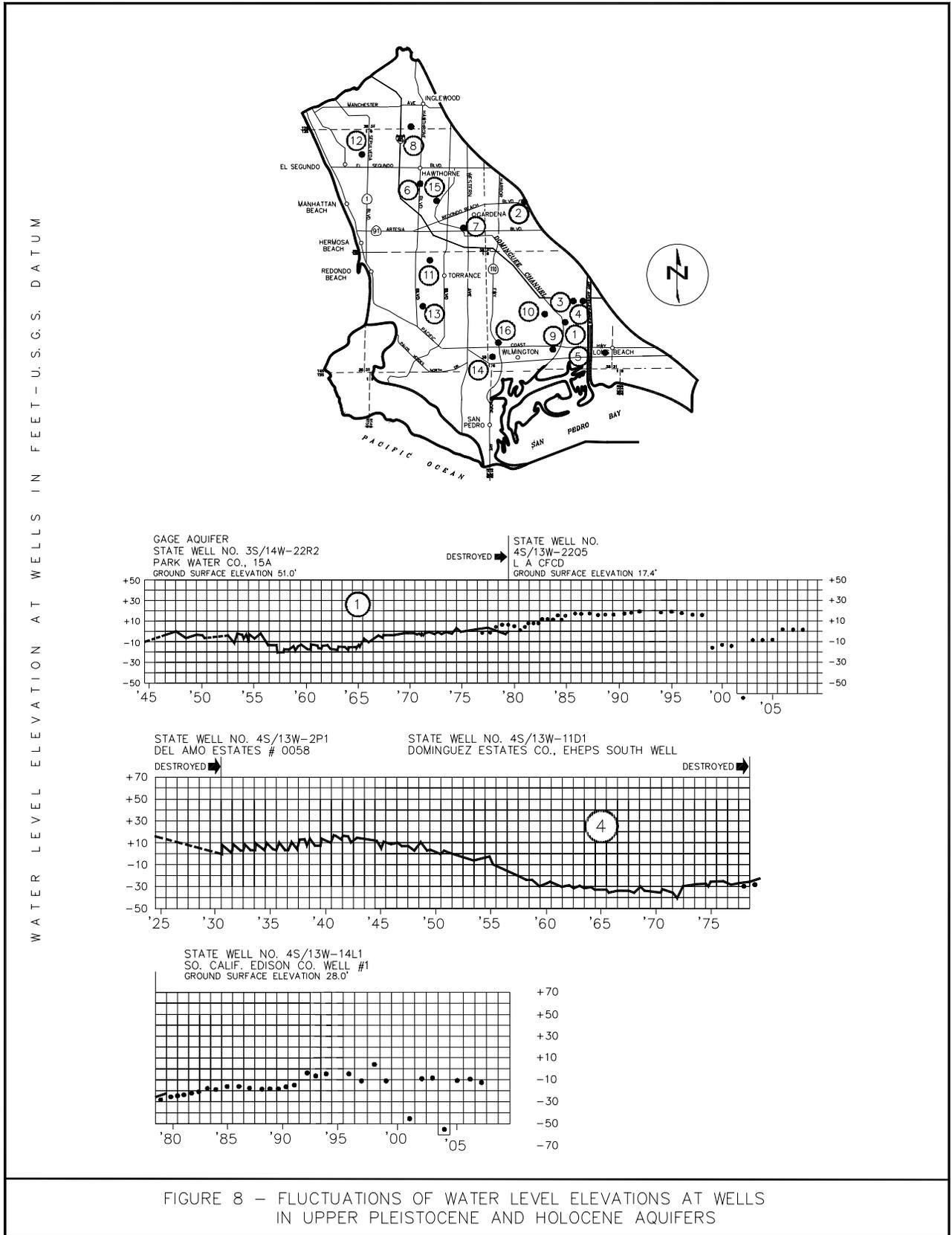
Total budget payable by Parties	\$ 250,000.00
Estimated carryover from previous year (+) deficit, (-) credit	<u>\$ 7,000.00</u>
Total amount to be billed	\$ 257,000.00

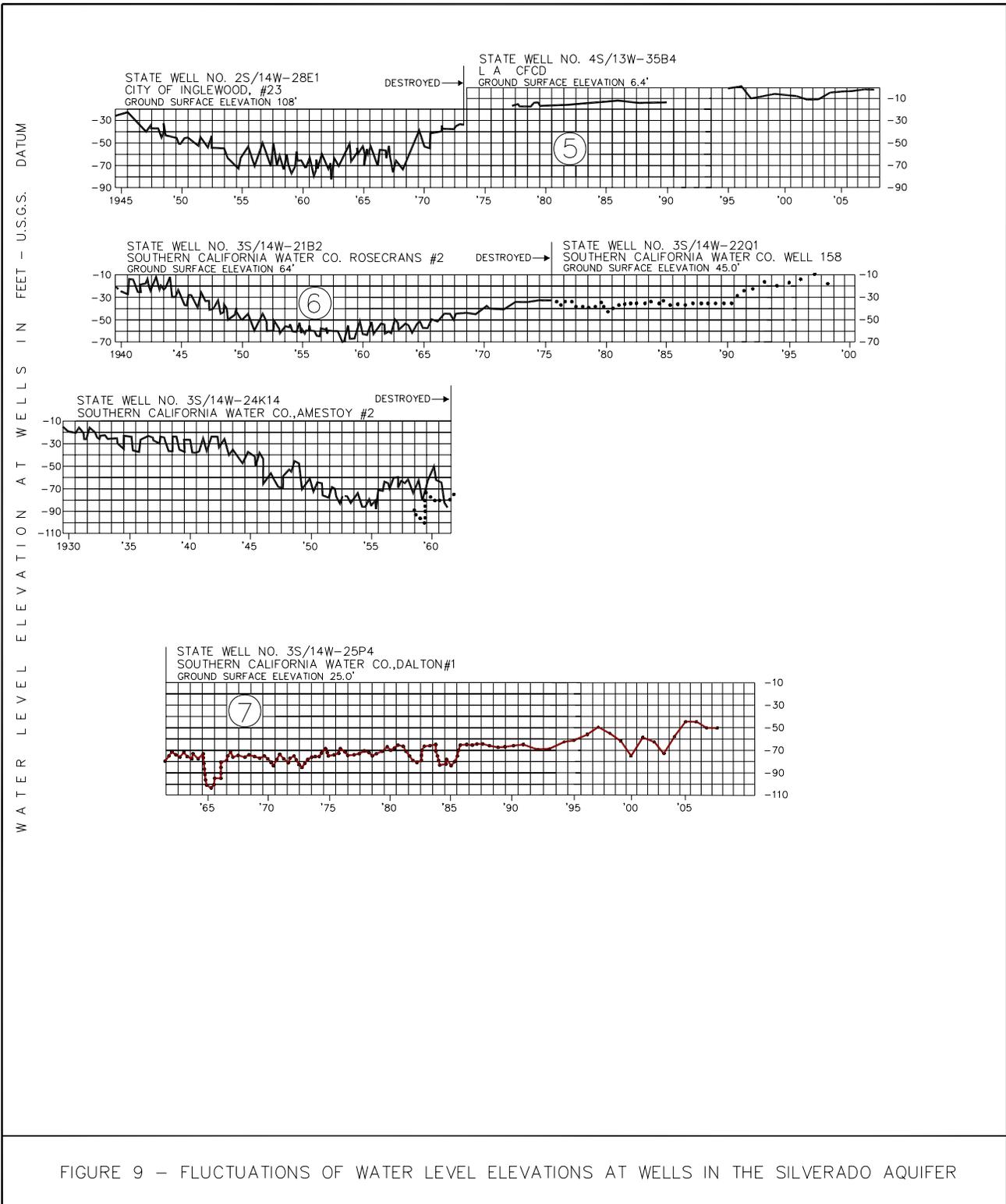
**TABLE 12. APPORTIONMENT OF PARTIES' SHARE OF BUDGET**

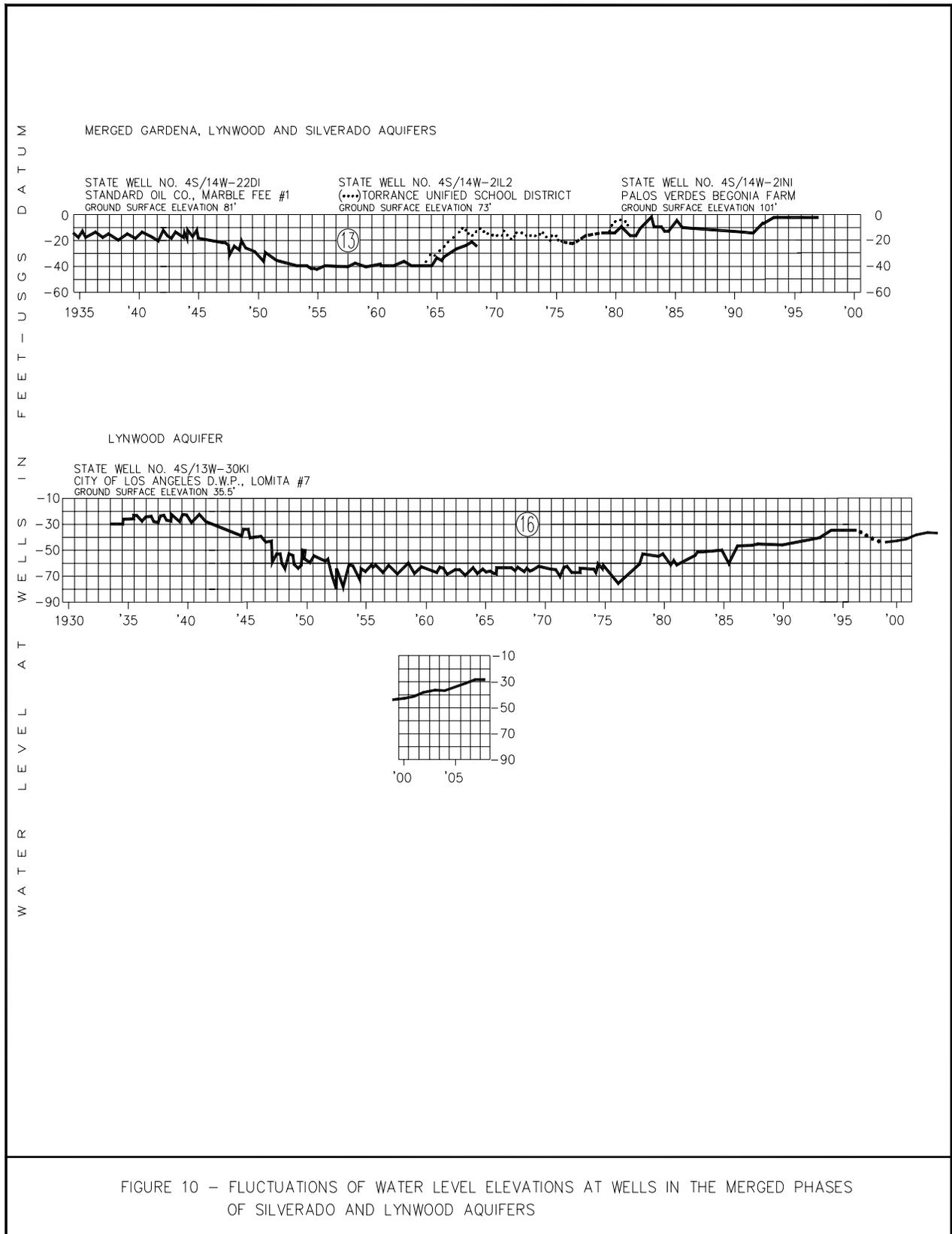
Party	Adjudicated Right in acre-feet	Total Amount Due	Amount* Paid
A B C Nursery, Inc	24.10	96.61	96.61
Atlantic Richfield Company	5,309.00	21,282.83	22,346.97 *
Black, Dana Brandsma	11.80	47.30	47.30
California Water Service Company	4,070.00	16,315.90	16,315.90
Ca. Water Service Co. (Dominguez)	10,417.45	41,761.68	41,761.68
Chandler Palos Verdes San/Grav Co	294.20	1,179.39	1,179.39
Chevron USA Inc	4,601.30	18,445.78	18,445.78
ConocoPhillips Company	6,170.00	24,734.42	24,734.42
El Segundo, City of	953.00	3,820.41	3,820.41
Engelsma. Susan Trust	12.10	48.51	48.51
Fujimoto, S.R. & S.T. & J.K.	20.00	80.18	84.19 *
Golden State Water Company	7,502.24	30,075.13	30,075.13
Hollywood Park Land Company, LLC	282.00	1,130.49	1,187.01 *
Honold, Kristin Brandsma	11.80	47.30	47.30
Kinder Morgan Liquids Terminals, LLC	167.00	669.47	702.94 *
California Water Service Co./Hawthorne, City of	1,882.00	7,544.60	7,544.60
Hillside Memorial Park	92.30	370.01	370.01
Inglewood, City of	4,449.89	17,838.81	17,838.81
Los Angeles, City of	1,503.00	6,025.26	6,326.52 *
Los Angeles County Recreation Facilities	363.70	1,458.01	1,458.01
Los Angeles County Sanitn Dist 2	102.00	408.90	408.90
Lomita, City of Water System	1,352.00	5,419.92	5,419.92
Manhattan Beach, City of	1,131.20	4,534.78	4,534.78
Mobil Oil Corporation	2,596.40	10,408.50	10,408.50
Pacific Crest Cemetery Company	39.40	157.95	157.95
Rhodia, Incorporated	521.00	2,088.60	2,088.60
Roman Catholic Archbishop of L A	72.30	289.84	289.84
Shell Oil Company	1,019.50	4,086.99	4,086.99
Shell Oil Products US	3,432.00	13,758.27	13,758.27
Southern California Edison Co	57.10	228.90	228.90
Torrance, City of	5,638.86	22,605.17	22,605.17
Vukelich, Mike Jr.	10.00	40.09	42.09 *
<b>TOTALS</b>	<b>64,108.64</b>	<b>257,000.00</b>	<b>258,461.40</b>
*A Total of \$1,461.40 was collected in late fees.			

TABLE 13. TRANSFERS OF ADJUDICATED RIGHTS (in acre-feet)

Party	Transaction	Amount	Recordation Date	Party	Net Lease
California Water Service Co	Lease With Flex	-100.00	6/24/2008 TO	Los Angeles County Sanitin Dist 2	
	Lease	-70.00	12/20/2007 TO	Pacific Crest Cemetery Co	
	Lease	-500.00	6/26/2008 TO	Tesoro Refining and Marketing Company	-670.00
Ca Wtr Service Co/Hawthorne	Lease With Flex	1,882.00	7/3/2007 FROM	Hawthorne, City of	1,882.00 <u>a/</u>
Chevron U S A, Inc	Lease With Flex	-3,651.30	7/3/2007 TO	Golden State Water Company	<u>b/</u>
	Lease With Flex	-250.00	7/3/2007 TO	Western Water Service Co	-3,901.30 <u>c/</u>
Engelsma, Susan Trust	Lease With Flex	-12.10	7/3/2007 TO	Myron Z. Chlavin and Nettie Desser Trust and JHD Properties, LLC	-12.10 <u>d/</u>
Golden State Water Company	Lease With Flex	3,651.30	7/3/2007 FROM	Chevron U S A, Inc	<u>b/</u>
	Lease With Flex	282.00	6/30/2008 FROM	Hollywood Park Land Co, LLC	3,933.30
Hawthorne, City of	Lease With Flex	-1,882.00	7/3/2007 TO	Ca Wtr Service Co/Hawthorne	-1,882.00 <u>a/</u>
Hollywood Park Land Co, LLC	Lease With Flex	-282.00	6/30/2008 TO	Golden State Water Company	-282.00
Los Angeles County Sanitin Dist 2	Lease With Flex	100.00	6/24/2008 FROM	California Water Service Co	100.00
Myron Z. Chlavin and Nettie Desser Trust and JHD Properties, LLC	Lease With Flex	12.10	7/3/2007 FROM	Susan Engelsma Trust	12.10 <u>d/</u>
Pacific Crest Cemetery Co	Lease	70.00	12/20/2007 FROM	California Water Service Co	70.00
Roman Catholic Archbishop of LA	Lease With Flex	366.00	4/21/2008 FROM	Torrance, City of	366.00
Shell Oil Co	Lease With Flex	-1,019.50	7/3/2007 TO	Tesoro Refining and Marketing Company	-1,019.50 <u>e/</u>
Tesoro Refining and Marketing Company	Lease	500.00	6/26/2008 FROM	California Water Service Co	
	Lease With Flex	1,019.50	7/3/2007 FROM	Shell Oil Co	1,519.50 <u>e/</u>
Torrance, City of	Lease With Flex	-366.00	4/21/2008 TO	Roman Catholic Archbishop of LA	-366.00
Western Water Service Co	Lease With Flex	250.00	7/3/2007 FROM	Chevron U S A, Inc	250.00 <u>c/</u>
* Lease with flex: carryover provisions included with lease.					
<u>a/</u> Long-term lease, 1996-2010 (1,882.00 acre-feet). City of Hawthorne to California Water Service Co/Hawthorne Lease.					
<u>b/</u> Long-term lease, 1999-2013 (3,651.30 acre-feet). Chevron U S A, Inc to Golden State Water Company.					
<u>c/</u> Long-term lease, 1999-2013 (250.00 acre-feet). Chevron U S A, Inc. to Western Water Service Company.					
<u>d/</u> Long-term lease, 2007-2016 (12.10 acre-feet), Susan Engelsma Trust to Myron Z. Chlavin and Nettie Desser Trust and JHD Properties, LLC.					
<u>e/</u> Long-term lease, 2007-2012 (1,019.5 acre-feet). Shell Oil Company to Tesoro Refining and Marketing Company.					









**FIGURE 11A – CHLORIDE CONTENT IN SILVERADO AQUIFER (South), September 2007**  
(Figure from L.A. County Department of Public Works)





## APPENDIX A

### CONTINUING HISTORY OF WATERMASTER SERVICE AND ADMINISTRATION OF THE JUDGMENT

#### History of Water Resources Development

The absence of adequate surface water supplies in the West Coast Basin forced the early development of groundwater sources. In 1870, the communities of Inglewood and Long Beach tapped the artesian aquifers and springs east of the Newport-Inglewood Uplift. When these stopped flowing, water users were forced to drill shallow wells. By 1904, about 100 wells were producing a combined total of 10,000 acre-feet annually.

The techniques used to develop groundwater were advanced dramatically in 1909 with the advent of the deep-well turbine pump. Its tremendous adaptability and superior operating characteristics gave countless users access to efficient water wells. Dependable sources of water attracted industry and agriculture, and in time the demand for water exceeded the rate at which the Basin was being replenished naturally. Water levels throughout the Basin dropped below sea level in the 1920s, and wells along Santa Monica Bay were abandoned because the water was too salty. By 1932, the entire coastal reach of the Basin had been invaded by sea water.

Groundwater quality deterioration continued until 1945, when the California Water Service Company, the City of Torrance, and the Palos Verdes Water Company filed suit in the Los Angeles County Superior Court. Their objectives were to quiet title to the groundwater rights of each pumper and to establish control over groundwater extractions from the Basin. Other organizations moved to support the litigation, and the West Basin Water Association was formed in 1946. A plan to manage the Basin's water resources was set up to (1) provide a supplemental supply for major producers, (2) limit groundwater extractions, and (3) create an exchange pool to provide pumping rights for users not having access to supplemental water.

The first of these steps was realized in 1947 when the West Basin Municipal Water District was formed to distribute water from the Colorado River. The District was annexed to the Metropolitan Water District of Southern California in 1948, and that year Colorado River water began flowing into the West Coast Basin, followed by State Water Project water in 1974.

In 1946, the second and third steps were taken with the Court's preliminary hearings to define the groundwater problem and outline those areas needing more information. The Court asked the Department of Water Resources (DWR) to define the boundaries and determine the geohydrologic characteristics of the West Coast Basin. DWR spent six years analyzing the physical properties of the Basin. The major water producers also retained an Engineering Advisory Committee to aid in the investigation. As more information became available, the full magnitude of the problem became evident. In 1949, an amended complaint added 340 parties to the suit. A Report of Referee was filed with the Court on September 15, 1952.

Several years passed before water users became sufficiently alarmed by groundwater conditions to draft an Interim Agreement that reduced groundwater extractions until a final judgment could be approved. The Court approved the agreement on February 16, 1955, and appointed DWR as Watermaster to administer it.

A Final Report of Referee, filed on June 8, 1961, included data on groundwater conditions between 1950 and 1956. The report provided the information needed to draft the final judgment. On August 18, 1961, after 16 years of litigation, the Court rescinded the Interim Agreement and signed the West Coast Basin Judgment. The Judgment retained DWR as Watermaster.

A second suit, often called the American Plant Growers Case, was filed on October 31, 1956. As a result, 76 additional parties were placed under jurisdiction of the Court on March 24, 1966. Appendix B lists all parties originally under jurisdiction of the Court and all successors in interest.

The Judgment was amended on March 21, 1980, to provide for a transition in the administrative year from a water year (October 1 to September 30) to a fiscal year (July 1 to June 30). Under the Judgment, this transition, in turn, contained a short administrative year of nine months--October 1, 1980, to June 30, 1981. The administrative year starting July 1, 1981, was on a fiscal year basis.

The Judgment was further amended on September 24, 1981, to (1) establish a nonconsumptive water use right subordinate to the adjudicated rights and to permit Hughes Aircraft Company to become a party with zero water rights and (2) authorize the production and disposal of water from wells to analyze and find a method of well operation for correction of increased salinity resulting or potentially resulting from sea water intrusion.

The Judgment was again amended on March 12, 1984, to provide for nonconsumptive additional water production to recover old refined oil and to clean up the basin. The Atlantic Richfield Company was given a 5-year permit to operate an oil recovery project; because all the water produced is returned to the basin, there will be no charge to the Party's production. The Judgment was further amended on March 8, 1989, to revise the provisions for nonconsumptive clean-up operations. Chevron USA Inc. was given a permit for hydrocarbon clean-up on August 16, 1988. This permit was modified to allow the Party to increase the actual nonconsumptive production up to 5,600 acre-feet. Following an October 22, 1991 hearing, Mobil Oil Corporation was granted a permit for hydrocarbon clean-up under its Torrance Refinery.

The Judgment was further amended on July 7, 1993, effective retroactively to June 30, 1993, to modify the carryover provisions for unpumped water to 2 acre-feet or 20 percent of Adjudicated Right, whichever is greater. The over extraction provisions remained at 10 percent or 2 acre-feet of Adjudicated Right, whichever is greater. The over production has to be made up the following year.

The Judgment was amended on August 30, 2001, to allow the Water Replenishment District to annually extract up to 3,300 acre-feet of saline water at its Goldsworthy

Desalter wells without obtaining an Adjudicated Right, provided that the chloride content of the water extracted exceeds 1,000 ppm. The Court Order dated June 24, 2002, amended the August 30, 2001, Judgment by operating the Goldsworthy Desalter below required chloride level until December 31, 2002.

An Order dated November 9, 2006, amended the June 24, 2002, order and allowed operation of the desalter using water below the prescribed chloride content and without adjudicated rights until April 23, 2007.

An order dated April 23, 2007, rescinded all prior orders; thus, all exemptions for the desalter were voided. Effective the same day, the City of Torrance began utilizing its water rights to operate the facility.

On July 24, 2007, Judge Aragon again voided previous orders and exemptions as of April 23, 2007. Effective April 23, 2007, the City of Torrance began utilizing its water rights for all extractions from the Goldsworthy Desalter well.

#### Watermaster Service

DWR forms Watermaster Service Areas at the request of water users or by order of the Superior Court.

Once a month, each groundwater pumper reports its extractions to the Watermaster and each water right account is revised by computation of (1) the amount pumped during the previous month, (2) the total amount pumped thus far during the current fiscal year, and (3) the amount that can legally be pumped during the remainder of the fiscal year. Each pumper receives an updated copy of its account every month.

Accurate measurement of groundwater extractions is absolutely necessary to the success of the Basin's management plan. Therefore, the goal of Watermaster field staff is to calibrate the water meter on every active water well at least once every two years. All available means, including system efficiency tests, are used to confirm water meter test results. Inaccurate meters must be repaired or replaced within 30 days of the date Watermaster sends a letter informing a party that a meter does not register accurately. Follow up tests on repaired meters and initial tests on new meters are scheduled whenever necessary.

Annually in the fall and in the spring the depth to the static groundwater level is measured in about 130 water wells in the Basin. The measurements are used to prepare fall and spring contour maps of groundwater elevations and spring-to-spring maps of areas of equal change in elevation over a one-year period.

#### Groundwater Recharge

Natural replenishment of the Basin's groundwater supply is limited to underflow from the Central Basin, which bounds the West Coast Basin on the east.

Water spread in the Central Basin percolates into aquifers there, and eventually some groundwater crosses the Newport-Inglewood Uplift to supplement the groundwater supply in the West Coast Basin. Although the recharge water is not directly applied to the West Coast Basin, this recharge process returns large quantities of water to the ground and substantially increases natural subsurface flow from the Central Basin to the West Coast Basin. Effectiveness of the process is limited to the space available in one basin for spreading facilities and to the other basin's capability for accepting the water.

### In-Lieu Replenishment

During the 1965-1966 water year, the Water Replenishment District of Southern California (WRD) began a program of in-lieu replenishment. Any producer with access to supplemental water may use in-lieu replenishment water instead of water pumped from the ground. The program may be used to:

1. Alter pumping patterns within a groundwater basin;
2. Replenish areas of low transmissivity where conventional recharge techniques are ineffective;
3. Heighten the effect of injecting water to form a sea water barrier by reducing nearby extractions;
4. Reduce the amount of replenishment water purchased by WRD; or
5. Reduce the annual groundwater extraction from the West Coast Basin.

### Sea Water Intrusion Barrier Projects

Sea water intrusion into the West Coast Basin from Santa Monica Bay has been effectively halted by the West Coast Basin Barrier Project, which consists of a line of 153 injection wells that runs inland from and roughly parallel to the coastline between Los Angeles International Airport and the Palos Verdes Hills (Figure 3).

The Los Angeles County Department of Public Works (LACDPW), which operates the project, injects State Water Project water, Colorado River water, and recycled water into the barrier to create a pressure ridge that impedes the inland movement of a salt water front and maintains protective groundwater elevations in the Silverado and "200-foot sand" aquifers.

LACDPW is working on regularly scheduled injection well redevelopment activities with the West Basin Municipal Water District and on the installation of Phase 1 of a telemetry system at the West Coast Basin Barrier Project together with the installation of Phase 2 of cathodic protection of the Barrier Water Supply Facilities Improvement Project, a barrier project condition assessment, and a groundwater modeling project.

The West Basin Municipal Water District has completed a tertiary treatment system to treat reclaimed water from the Hyperion wastewater treatment plant to produce water of

acceptable quality to use for injection instead of State Water Project water and Colorado River water. Delivery of water from the plant, which includes reverse osmosis as a final treatment process, began in June 1995.

A second barrier to sea water intrusion was built by LACDPW along San Pedro Bay. This project, called the Dominguez Gap Barrier Project, started operating during February 1971 in a manner similar to that of the West Coast Basin Barrier Project. In November 2002, LACDPW added 12 observation wells and 33 injection wells to the Dominguez Gap Barrier, extending it eastward. The injection wells, which were constructed at 17 sites, inject water into two aquifer zones at each site. The construction of a waterline and appurtenances for the new wells started in February 2003 and was completed in December 2004. These improvements are intended to stem leakage around the northeast terminus of the barrier.

The WRD is working with the City of Los Angeles Department of Water and Power (LADWP) and the LACDPW to bring recycled water to the Dominguez Gap Barrier Project. Construction of an Advanced Water Treatment Facility was completed in 2003. Construction of the recycled water pipeline to the Dominguez Barrier is complete. In February 2006, the LADWP started the Harbor Recycled Water Project to deliver recycled water to the Dominguez Gap Barrier.

#### Desalter Projects

In 1993, the West Basin Municipal Water District constructed a 1.5 million gallon per day desalting plant (Brewer Desalter) in the City of Torrance to treat brackish groundwater. The desalter is to demonstrate desalting technology and to improve groundwater quality and management. The desalter is operated by California Water Service Company.

The WRD has constructed and is operating the Goldsworthy Desalter plant. The plant is located in the City of Torrance field services facility and is desalting approximately 210 acre-feet of saline groundwater per month. The salinity of the extractions exceeded 1,000 ppm chloride through March 2006 but has been below 1,000 ppm since then. Effective April 23, 2007, the City of Torrance is using its water rights to operate the desalter.

#### Water Recycling Program

The West Basin Municipal Water District has constructed a water recycling plant in El Segundo. Annually, the plant recycles 70,000 acre-feet of effluent from the City of Los Angeles' Hyperion treatment plant for distribution to industrial and landscape users and into the West Coast Basin Barrier. Initial deliveries started in June 1995.

### Groundwater Levels

The volume of groundwater stored in the West Coast Basin is constantly changed by variations in subsurface inflow and outflow, barrier recharge, extractions, and, to a lesser degree, precipitation. The Silverado aquifer, underlying most of the West Coast Basin, is the most productive aquifer in the Basin. Ranging from 100 to 500 feet in thickness, it yields 80 to 90 percent of the groundwater extracted annually.

Contours of groundwater surface elevations are shown in Figures 5 and 6, and the summarization of changes in water level elevations is shown in Figure 7.

State Well Numbers have been assigned to water wells in the Basin (Figure 12).

### Water Use

Population increase and industrial growth in the West Coast Basin caused water demand to increase substantially from 1943 to 1970 when growth leveled off. Prior to 1955, groundwater extractions met most of the demand. However, when the Judgment reduced extractions, imported water became the largest component of the Basin's water supply.

Figure 13 shows annual groundwater extractions and total water use since 1933.

### Administration of the Judgment

The West Coast Basin Judgment contains provisions for the Parties to obtain additional pumping rights, to exceed their entitled extractions, or otherwise to make variations in their annual pumping. The procedure thus established is described below.

#### Exchange Pool

The Court and parties foresaw that adjudicating water rights and limiting total extractions from the Basin would not be satisfactory to all parties. As a consequence, Paragraph VI of the Judgment authorized a water Exchange Pool to provide additional water rights to members without supplementary water. Membership in the Exchange Pool is voluntary, and any party can join by filing an "Intention to be Bound by Paragraph VI of the Judgment" with the Watermaster and the Court. When the Exchange Pool is activated, members of it are referenced with an asterisk in Appendix B. Recipients of Exchange Pool water may pump the amounts released to them in addition to their Adjudicated Right. The amounts parties may release are limited by the Judgment; however, there have been no requests for Exchange Pool water during Fiscal Year 2007-2008.

Once each July, the Watermaster opens the Exchange Pool to permit this intermember exchange of water rights. The Pool is in operation when the Watermaster asks each member to estimate its water requirement and supply for the next year. If a member

has supplemental water in addition to its Adjudicated Right and if its total supply exceeds its estimated requirement, it must make a Mandatory Offer to lease a portion of its pumping right equal to the difference between its Adjudicated Right and half its estimated requirement. Under no circumstance, however, can the Mandatory Offer and the estimated requirement together exceed the total supply. This limits the Mandatory Offer to an amount which can be replaced with supplemental water. Another type of offer is called the Voluntary Offer. Any member may voluntarily offer pumping rights to the Exchange Pool if its water supply exceeds its estimated requirement and if it has no supplemental supply. However, the Watermaster must allocate all Mandatory Offers before using the Voluntary Offers. Voluntary Offers have not been used for several years.

The charge for a Mandatory Offer cannot exceed the price per acre-foot of replacement water; the charge for a Voluntary Offer cannot exceed the price per acre-foot charged by the West Basin Municipal Water District for imported water. The Watermaster determines the amount of water needed and computes the average price to be paid. The cost per acre-foot is the weighted average price per acre-foot of all offers required to meet requests.

If a member's estimated water requirement exceeds its total water right, including leases, and if it has no supplemental supply, the difference may be requested from the Exchange Pool.

### Transfers of Adjudicated Rights

Appendix B contains samples of recommended lease and sale agreements. The Watermaster recommends that documents be prepared on 8-1/2 x 11-inch paper.

Any necessary additions to the recommended agreement may be made by attaching another page.

In leasing, buying, or selling water rights, parties should be specific as to the type being exchanged, (i.e., Adjudicated Right, carryover). All leases should specify both amount of Adjudicated Right, to the nearest 0.01 acre-foot, and period of lease. All water right leases should be made on a fiscal year basis, (i.e., July 1 through June 30 of the following year).

The Watermaster keeps a list of parties who have expressed their interest in buying, selling, or leasing water rights. Any party wishing to be listed should call the Watermaster. This is not done as a Court-required function of Watermaster service. It is a courtesy informally administered to assist parties unable to resolve problems regarding an excess or deficiency of water rights. Watermaster makes no recommendation regarding transactions conducted relative to the use of this service. The names of all parties using this service are available in the Watermaster's office and may be obtained by telephone, visit to the office, or at our website <http://www.sd.water.ca.gov/>.

## Rights to Store Water

In this section, the paragraphs entitled *Appellate Decision*, *WRD Interim Storage Rules*, and *Storage Projects* present information on some actions and activities that primarily involve the Central Basin and its parties. However, the information is included here because implementation of some actions and activities related to these topics may also significantly affect the water resources and the parties in the West Coast Basin.

*Appellate Decision:* The Cities of Long Beach, Downey, Lakewood, Signal Hill, Santa Fe Springs, Pico Rivera, and Paramount and Southern California Water Company, California Water Service Company, Montebello Land and Water Company, South Montebello Irrigation District, and Tract 349 Mutual Water Company filed suit to amend the Central Basin Judgment to allow parties to store water in the Central Basin. The Superior Court denied the petition, but the parties appealed. On June 12, 2003, the California Appeals Court released its opinion, which denied the proposed amendment.

*Conjunctive Use Working Group:* Starting in 2002, DWR began assembling the parties interested in discussing storage and conjunctive use in the groundwater basins. The first meeting of a Conjunctive Use Working Group (Working Group) was on July 24, 2003. Numerous meetings were held in 2003 and 2004. In late 2004 and early 2005, offers and counter offers were exchanged. After many additional meetings of the Working Group and its committees, the Working Group held its last meeting on April 19, 2005.

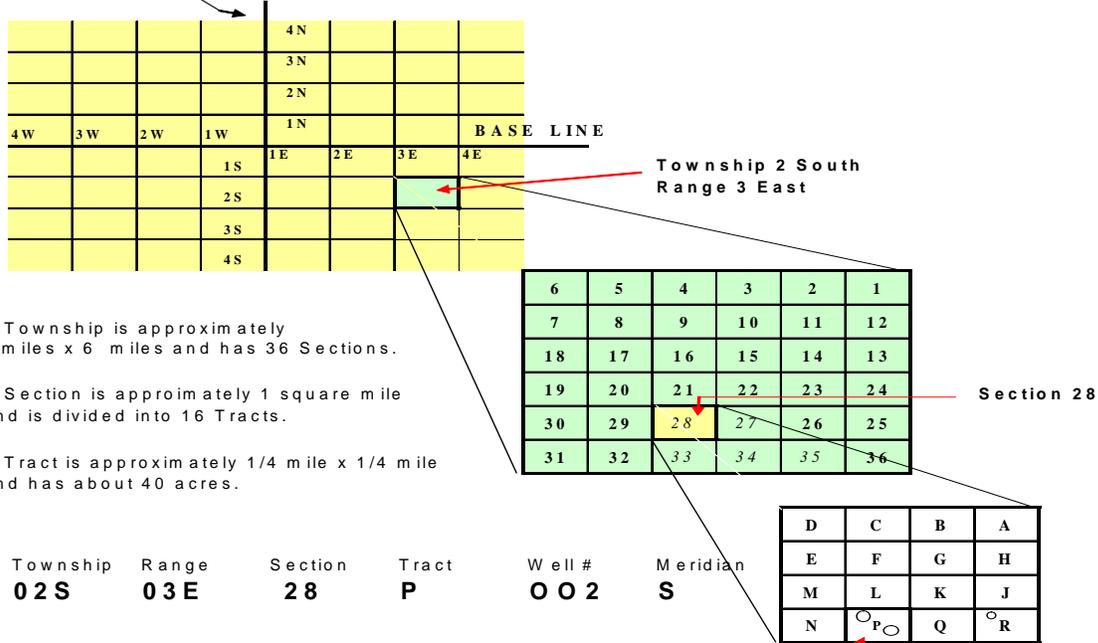
Discussions started again at the November 6, 2007, meeting of the group. The next full group meeting was held on January 14, 2008.

*WRD Interim Storage Rules:* On March 30, 2005, WRD sent out "Solicitation of Public Comments for Rules to Coordinate Storage of Water in Southeast Los Angeles County". These draft rules proposed to govern storage of water in the groundwater basins "outside the judgment." The Interim Rules were adopted by WRD May 18, 2005. Watermaster has taken no official position with regard to WRD's ability to address storage without modifying the Central Basin Judgment.

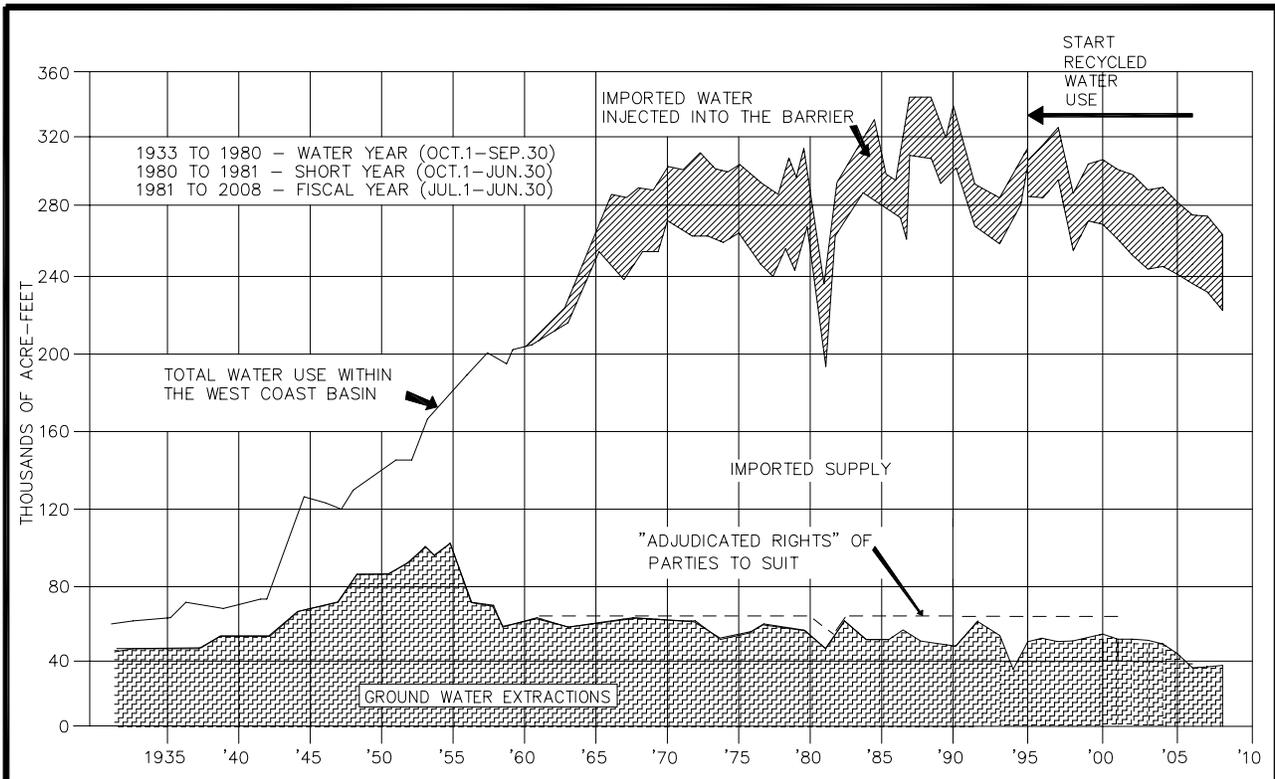
*Storage Projects:* Prior to WRD's adoption of the Interim Rules, WRD and the City of Long Beach signed an agreement governing the City's groundwater storage project in the Central Basin. The City of Compton signed a similar agreement with MWD for its storage project in Central Basin.

In early 2006, at the request of the parties, DWR recommended that the stakeholders return to the table to discuss how groundwater storage projects might be acceptable under new facilitation. DWR recommended that the stakeholders employ a facilitator with expertise in California water issues. The stakeholders agreed, and WRD agreed to hire and to pay for the services of a new facilitator. Discussions began in November 2007 and have continued to the present. A draft framework has been proposed, and parties are working on judgment amendments.

**FIGURE 12 - STATE WELL NUMBER SYSTEM**



In this example, there are two wells in Tract P.



**FIGURE 13 - HISTORICAL GROUND WATER EXTRACTIONS AND TOTAL WATER USE IN THE WEST COAST BASIN**



## APPENDIX B

### ADJUDICATED RIGHTS OF WEST COAST BASIN PARTIES

Acknowledgment of Deed of Water Rights

Will be provided upon request

Suggested Samples of Documents for Transferring Water Rights 44

Succession of Adjudicated Rights in West Coast Basin – June 2008 45

There have been no requests for Exchange Pool water.

(Documents supporting yearly leases not included in annual report)



**SUCCESSION OF ADJUDICATED RIGHTS IN WEST COAST  
BASIN-JUNE 2008**

<u>ABC NURSERY, INC</u>			
SUCCESSOR TO JENKINS, HARRY C	1.80		
SUCCESSOR TO TITLE, SIDNEY R AND CHARLOTTE W	13.60		
SUCCESSOR TO VERBURG, WILLIAM AND CLARA B	6.70		
SUCCESSOR IN PART TO UNITED CALIFORNIA BANK	2.00		
TOTAL		<u>24.10</u>	
<u>ABELL, FRANK</u>			
SOLD TO CITY OF INGLEWOOD	-1.80		
TOTAL		0.00	
<u>ALCAST FOUNDRY, ET AL</u>			
SOLD TO CITY OF TORRANCE	-7.20		
TOTAL		0.00	
<u>ALLIED CHEMICAL CORP</u>			
(SEE INDUSTRIAL CHEMICAL DIVISION, ALLIED CHEMICAL CORP)			
ALLIED CORP			
(FORMERLY: ALLIED CHEMICAL CORP)			
(NOW KNOWN AS ALLIED-SIGNAL, INC [EL SEGUNDO OFFICE])			
<u>ALLIED-SIGNAL, INC (TORRANCE OFFICE)</u>			
SUCCESSOR TO GARRETT CORP, THE	22.50	<u>22.50</u>	
ALLIED-SIGNAL, INC (EL SEGUNDO OFFICE)			
(FORMERLY: ALLIED CORP)	255.00		
(MERGED WITH HONEYWELL INTERNATIONAL, INC AND NAME CHANGED TO HONEYWELL INTERNATIONAL, INC)	-255.00		
TOTAL		0.00	
<u>ALWAG, HILARIO S AND EMMA</u>			
SUCCESSOR TO T C NAVARRO	53.90		
SUCCESSOR TO PEGGY SWICK	5.50		
SOLD TO TORRANCE UNIFIED SCHOOL DISTRICT	-59.40		
TOTAL		0.00	
<u>AMERICAN PLANT GROWERS, INC</u>			
SECOND WEST COAST BASIN JUDGMENT		2.60	
SUCCESSOR TO BEN CLUFF DAIRY	7.40		
SOLD TO SUNRISE GROWERS, INC	-10.00		
SUCCESSOR TO SUNRISE GROWERS, INC	10.00		
SOLD TO VUKELICH MIKE, JR.	-10.00		
TOTAL		0.00	
<u>ANDERSON, REMBERT C</u>			
SOLD TO SPARKLETTS DRINKING WATER CORP	-80.50		
TOTAL		0.00	
<u>ASAHI FANCY KOI, INC</u>			
SUCCESSOR IN PART TO JAKE ENGELSMAN	2.00	<u>2.00</u>	
ASSOCIATED SOUTHERN INVESTMENT CO			
(FORMERLY EDISON SECURITIES CO)	46.70		
SOLD TO SOUTHERN CALIFORNIA EDISON CO	-46.70		
TOTAL		0.00	
<u>ATLANTIC RICHFIELD CO</u>			
(FORMERLY RICHFIELD OIL CO)		4,428.00	
SUCCESSOR TO MANVILLE SALES CORP	881.00		
TOTAL		<u>5,309.00</u>	
<u>AUTOMATION INDUSTRIES, INC-HARRIS TUBE</u>			
SUCCESSOR TO HARRIS TUBE, INC	0.70	<u>0.70</u>	
<u>BALLMAN, ROSEMARY N</u>			
SOLD TO UNITED CALIFORNIA BANK	-7.00		
TOTAL		0.00	
<u>BANK OF AMERICA NATIONAL TRUST AND SAVINGS ASSOCIATION (TRUST BI-51)</u>			
RELEASED TO MICHAEL L ROCKWELL	-0.10		
TOTAL		0.00	
<u>BARCLAY HOLLANDER CORP</u>			
(FORMERLY BARCLAY HOLLANDER CURCI INC)			
SUCCESSOR IN PART TO JOUGHIN TORRANCE RANCH	3.33		
SOLD TO TORRANCE, CITY OF	-3.33		
TOTAL		0.00	
<u>BARCLAY HOLLANDER CURCI INC</u>			
(NOW KNOWN AS BARCLAY HOLLANDER CORP)			
BARCLAY, RICHARD AND R A WATT			
SUCCESSORS TO EMMA J OSBORN	32.66		
SUCCESSORS IN PART TO ISABELLA J GRANZ ESTATE	13.55		
SUCCESSORS IN PART TO GEORGE R MURDOCK	13.75		
SOLD TO CITY OF TORRANCE	-59.96		
TOTAL		0.00	
<u>BAUMAN, GUS A</u>			
TRANSFERRED TO PALOS VERDES BEGONIA FARM	0.00		
<u>BEGO CORPORATION</u>			
SOLD TO ESTATE OF GOLDA DELANEY	-4.10		
TOTAL		0.00	
<u>BELVIDERE MUTUAL WATER CO</u>			
SOLD TO CITY OF TORRANCE	-33.40		
TOTAL		0.00	
<u>BLACK, DANA</u>			
SUCCESSOR IN PART TO ESTATE OF JOHN GRANT	11.80	<u>11.80</u>	

**SUCCESSION OF ADJUDICATED RIGHTS IN WEST COAST  
BASIN-JUNE 2008**

<u>BOISE CASCADE BUILDING CO</u>			
SUCCESSOR IN PART TO JOUGHIN TORRANCE RANCH	16.92		
SOLD TO INGLEWOOD, CITY OF	-16.92		
TOTAL		0.00	
<u>BOARD OF RETIREMENT-LOS ANGELES CO EMPL RET SYS</u>			
SECOND WEST COAST BASIN JUDGMENT (NOW KNOWN AS LOS ANGELES COUNTY WESTERN AVE GOLF)			
BRANDSMA, MAYNARD			
SUCCESSOR IN PART TO ESTATE OF JOHN GRANT	11.80		
SOLD TO HILLSIDE MEMORIAL PARK	-11.80		
TOTAL		0.00	
<u>BURKE, W F AND LOIS PRICE</u>			
SOLD TO H S SCOTT	-9.50		
TOTAL		0.00	
<u>CBS INC</u>			
FORMERLY COLUMBIA BROADCASTING SYS INC		18.50	
SOLD TO MORAN, RONALD E	-9.00		
TOTAL		<u>9.50</u>	
<u>CALIFORNIA, STATE OF</u>			
SUCCESSOR TO ROBERT L FULLILOVE	1.00		
SUCCESSOR TO JOE MONIZ JR	2.20		
SUCCESSOR IN PART TO KELLY PIPE CO	16.30		
SUCCESSOR IN PART TO FLAVIO RODRIGUEZ	4.00		
SUCCESSOR IN PART TO A H SMITH (SAM SURBER AND FREDA SMITH)	2.60		
SOLD TO SPARKLETTS DRINKING WATER CORP	-26.10		
TOTAL		0.00	
<u>CALIFORNIA WATER SERVICE CO</u>		3,071.00	
SUCCESSOR TO PALOS VERDES WATER CO	999.00		
TOTAL		<u>4,070.00</u>	
<u>CALIFORNIA WATER SERVICE CO (DOMINGUEZ)</u>			
DOMINGUEZ WATER CO MERGED WITH AND INTO CALIFORNIA WATER SERVICE CO, WATERMASTER ACCOUNT KNOWN AS CALIFORNIA WATER SERVICE CO (DOMINGUEZ)	10,162.45		
SUCCESSOR TO HONEYWELL INTERNATIONAL INC	255.00		
TOTAL		<u>10,417.45</u>	
<u>CARSON ESTATE CO</u>		130.00	
SOLD TO DOMINGUEZ WATER CORP	-130.00		
TOTAL		0.00	
<u>CARSON-HARBOR VILLAGE MOBILE HOME PARK</u>			
SUCCESSOR TO ETCEMENDY, CAROLINE, ESTATE OF	8.20		<u>8.20</u>
<u>CARSON-MADRONA CO</u>			
SUCCESSOR TO CHANSLOR-WESTERN OIL AND DEVELOP CO	104.00		<u>104.00</u>
<u>CENTURY BUILDERS</u>			
SUCCESSOR TO UNION NURSERY, INC	4.70		<u>4.70</u>
<u>CHANDLERS PALOS VERDES SAND AND GRAVEL CORP</u>			
SUCCESSOR TO SOUTHWESTERN PORTLAND CEMENT CO	15.00		
SECOND WEST COAST BASIN JUDGMENT	95.20		
SUCCESSOR TO TORRANCE SAND AND GRAVEL CORP	184.00		
TOTAL		<u>294.20</u>	
<u>CHANSLOR-WESTERN OIL AND DEVELOPMENT CO</u>		104.00	
(FORMERLY CHANSLOR-CANFIELD MIDWAY OIL CO)			
SOLD TO CARSON-MADRONA CO	-104.00		
TOTAL		0.00	
<u>CHEMICALS CO OF ALLIED CORP</u>			
(FORMERLY INDUSTRIAL CHEMICAL DIVISION, ALLIED CHEMICAL CORP)			
(NOW KNOWN AS ALLIED CORP)			
<u>CHEVRON USA INC</u>		4,541.70	
(FORMERLY STANDARD OIL CO OF CALIFORNIA)			
SUBJECT TO LONG TERM LEASE FROM ISABELLA GRANZ PER JUDGEMENT	59.60		
TOTAL		<u>4,601.30</u>	
<u>CHRISTIE, CLEM, DON C FOHL AND LEON LARSON</u>		0.02	
(TRUSTEES OF WILMINGTON CEMETERY ASSOC)			
ABANDONED WATER RIGHT	-0.02		
TOTAL		0.00	
<u>CHURCHILL DOWNS CALIFORNIA CO</u>			
SUCCESSOR TO HOLLYWOOD PARK OPERATING CO	282.00		
SOLD TO HOLLYWOOD PARK LAND COMPANY, LLC	-282.00		
TOTAL		0.00	
<u>CLUFF, BEN DAIRY</u>			
SUCCESSOR TO EDWARD AND EMILY COST	7.40		
SOLD TO AMERICAN PLANT GROWERS, INC	-7.40		

**SUCCESSION OF ADJUDICATED RIGHTS IN WEST COAST  
BASIN-JUNE 2008**

TOTAL		0.00	
COAST FOREST PRODUCTS			
SUCCESSOR TO SOUTHWEST STEEL ROLLING MILLS	3.40		
SOLD TO GEORGIA-PACIFIC CORP	-3.40		
TOTAL		0.00	
COASTLINE CHURCH OF CHRIST			
SUCCESSOR TO LERMENS, EVELYN	0.70	<u>0.70</u>	
COLLISTER, CAMERON			
SUCCESSOR TO JOUGHIN TORRANCE RANCH	136.82		
QUITCLAIMED TO NORMANDIE PARK	-136.82		
TOTAL		0.00	
COLUMBIA BROADCASTING SYSTEM, INC (NOW KNOWN AS CBS INC)			
CONOCOPHILLIPS COMPANY			
SUCCESSOR TO TOSCO CORPORATION	6,170.00	<u>6,170.00</u>	
COST. EDWARD AND EMILY	7.40		
SOLD TO BEN CLUFF DAIRY	-7.40		
TOTAL		0.00	
CURTIS, OWEN W	3.80		
SOLD TO SOUTHERN CALIFORNIA WATER CO	-3.44		
TOTAL		<u>0.36</u>	
DEL AMO ESTATE CO	121.00		
SOLD TO DOMINGUEZ WATER CORP	-121.00		
TOTAL		0.00	
DELANEY, GOLDA, ESTATE OF (FORMERLY ARTHUR J DELANEY)			
SUCCESSOR TO BEGO CORP	4.10	<u>4.10</u>	
DENNIS, ESTHER M SHEETS (FORMERLY ESTHER M SHEETS)	5.50		
SOLD TO TORRANCE, CITY OF	-5.50		
TOTAL		0.00	
DESSER ENTERPRISES, INC.			
SECOND WEST COAST BASIN JUDGMENT	0.00	<u>0.00</u>	
SOLD TO MYRON Z. CHLAVIN AND NETTIE			
DESSER TRUST AND JHD PROPERTIES, LLC	-0.00		
TOTAL		0.00	
DOMINGUEZ ESTATE CO	254.00		
SOLD TO DOMINGUEZ WATER CORP	-254.00		
TOTAL		0.00	
DOMINGUEZ WATER CORP (NOW KNOWN AS DOMINGUEZ WATER CO)			
DOMINGUEZ WATER CO	9,477.80		
(FORMERLY KNOWN AS DOMINGUEZ WATER CORP)			
SUCCESSOR TO CARSON ESTATE CO	130.00		
SUCCESSOR TO DEL AMO ESTATE CO	121.00		
SUCCESSOR TO DOMINGUEZ ESTATE CO	254.00		
SUCCESSOR TO DON WILSON BUILDERS	32.60		
SUCCESSOR TO HEYDENBECK, JEANETTE R	0.70		
SUCCESSOR TO NAKANO, KIKUNO, ET AL	19.30		
SUCCESSOR IN PART TO H J EARLY	91.00		
SUCCESSOR IN PART TO R A WATT, INC	61.85		
SOLD IN PART TO WATSON LAND CO	-37.60		
SUCCESSOR TO THORPE, GREGORY	11.80		
DOMINGUEZ WATER CO MERGED WITH AND INTO CALIFORNIA WATER SERVICE CO, WATERMASTER ACCOUNT KNOWN AS CALIFORNIA WATER SERVICE CO (DOMINGUEZ)	-10,162.45		
TOTAL		0.00	
DON WILSON BUILDERS			
SUCCESSORS TO KASUO, ISAMU, AND YOSHIKI R KITA	32.60		
SOLD TO DOMINGUEZ WATER CORP	-32.60		
TOTAL		0.00	
DOUGLAS AIRCRAFT CO, INC (SEE MCDONNELL DOUGLAS CORP)			
EARLY, H J AND DAISY	111.00		
SOLD TO DOMINGUEZ WATER CORP	-91.00		
SOLD TO SAMUEL R AND RAYMOND S FUJIMOTO	-20.00		
TOTAL		0.00	
EDISON SECURITIES CO (NOW KNOWN AS ASSOCIATED SOUTHERN INVESTMENT CO)			
EL SEGUNDO, CITY OF	953.00	<u>953.00</u>	
ENGELSMA, JAKE			
SUCCESSOR TO WILBUR HORNSTRA	14.10		
SOLD TO ASAH FANCY KOI, INC	-2.00		
TRANSFERRED TO SUSAN ENGELSMA, TRUSTEE ET AL	-12.10		
TOTAL		0.00	
ENGELSMA, SUSAN; TRUSTEE OF THE SUSAN ENGELSMA TRUST	12.10	<u>12.10</u>	
TRANSFERRED FROM JAKE ENGLESMA			
EQUILON ENTERPRISES, LLC			
SUCCESSOR TO TEXACO REFINING AND MARKETING, INC	3,432.00		
SOLD TO SHELL OIL PRODUCTS US	-3,432.00		
TOTAL		0.00	
ETCHEMENDY, CAROLINE, ESTATE OF	8.20		

**SUCCESSION OF ADJUDICATED RIGHTS IN WEST COAST  
BASIN-JUNE 2008**

SOLD TO CARSON-HARBOR VILLAGE MOBILE HOME PARK	-8.20		
TOTAL			0.00
EVERGREEN AMERICA CORP			
SUCCESSOR TO POTHOS CORP	5.40	<u>5.40</u>	
EWING, CARMELITA ROSECRANS	91.30		
SOLD TO SOUTHERN CALIFORNIA WATER CO	-91.30		
TOTAL			0.00
EWING, NED ET AL			
SUCCESSOR IN PART TO ISABEL J GRANZ ESTATE	6.50		
SOLD TO R A WATT, INC	-6.50		
TOTAL			0.00
FLESH, LESLIE R AND ANDOR PASTERNAK, ET AL			
SUCCESSORS TO ALFRED D AND RUTH SEABACK	3.50		
SOLD TO STANLEY C LAGERLOF	-3.50		
TOTAL			0.00
FLETCHER OIL AND REFINING CO (FORMERLY FLETCHER OIL CO)	86.30		
SUCCESSOR TO FLETCHER, ROBERT G ET AL	3.70		
SOLD TO WESTERN WATER CO	-90.00		
TOTAL			0.00
FLETCHER, ROBERT G, DANIEL S, AND WILFRED O			
SUCCESSOR TO FRED A JUNGQUIST	3.70		
SOLD TO FLETCHER OIL AND REFINING CO	-3.70		
TOTAL			0.00
FUJIMOTO, SAMUEL R (FORMERLY KNOWN AS FUJIMOTO, SAMUEL R AND RAYMOND S)			
SUCCESSOR IN PART TO H J AND DAISY EARLY	20.00		
SOLD TO FUJIMOTO, SAMUEL R, STEVEN T AND JON T JOINT TENANTS	-20.00		
TOTAL			0.00
FUJIMOTO, SAMUEL R AND RAYMOND S (SEE FUJIMOTO, SAMUEL R)			
FUJIMOTO, SAMUEL R, STEVEN T AND JON K, JOINT TENANTS			
SUCCESSOR TO FUJIMOTO, SAMUEL R	20.00	<u>20.00</u>	
FULLILOVE, ROBERT L	1.00		
SOLD TO STATE OF CALIFORNIA	-1.00		
TOTAL			0.00
FUTURA INDUSTRIES, INC			
SUCCESSOR TO SPANISH AMERICAN INSTITUTE	44.40		
SOLD TO KAUFMAN, LEO AND SHELDON BAER	-44.40		
TOTAL			0.00
GARRETT CORP, THE			
SUCCESSOR TO SHINODA BROTHERS INC	22.50		
TRANSFERRED TO ALLIED-SIGNAL INC (TORRANCE OFFICE)	-22.50		
TOTAL			0.00
GATX TANK STORAGE TERMINALS CORP			
SUCCESSOR TO PHILLIPS PETROLEUM CO	167.00		
SOLD TO KINDER MORGAN LIQUIDS TERMINALS, LLC.	-167.00		
TOTAL			0.00
GEORGIA-PACIFIC CORP			
SUCCESSOR TO COAST FOREST PRODUCTS	3.40		
SOLD TO INGLEWOOD, CITY OF	-3.40		
TOTAL			0.00
GERAHUE LAND CO			
SUCCESSOR AND ASSIGNEE FOR A S JOHNSTON DRILL CO	11.90		
ABANDONED WATER RIGHT	-11.90		
TOTAL			0.00
GILLINGHAM, FLORENCE R, ET AL GOLDEN STATE WATER COMPANY	2.40	<u>2.40</u>	
SUCCESSOR TO SOUTHERN CALIFORNIA WATER COMPANY (NAME CHANGE)	7,502.24	<u>7,502.24</u>	
GONZALES, FELIPE AND GABRIELA (NOW KNOWN AS GONZALES, GABRIELA AND MARIA R)			
GONZALES, GABRIELA AND MARIA R (FORMERLY GONZALES, FELIPE AND GABRIELA)	34.30		
SOLD TO TORRANCE, CITY OF	-34.30		
TOTAL			0.00
GRAND LAND CO			
SUCCESSOR IN PART TO SMITH, A H, ET AL	5.70		
ABANDONED WATER RIGHTS 1961-62	-5.70		
TOTAL			0.00
GRANT, JOHN, ESTATE OF	59.00		
APPORTIONED IN PART TO BLACK, DANA	-11.80		
APPORTIONED IN PART TO BRANDSMA, MAYNARD	-11.80		
APPORTIONED IN PART TO HONOLD, KRISTIN	-11.80		
BRANDSMA			
APPORTIONED IN PART TO THORPE, GREGORY	-11.80		
APPORTIONED IN PART TO THORPE, TERRENCE	-11.80		

**SUCCESSION OF ADJUDICATED RIGHTS IN WEST COAST  
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TOTAL		0.00	
<b>GRANZ, ISABELA J</b>	<b>380.00</b>		
PARTITIONED TO HEIRS:			
ISABELA J GRANZ ESTATE	-33.80		
JOUGHIN TORRANCE RANCH	-212.42		
GEORGE R MURDOCK	-15.12		
EMMA J OSBORN	-32.66		
SUBJECT TO LONG TERM LEASE TO:			
STANDARD OIL CO OF CALIF			
SUPERIOR OIL CO	-26.40		
TOTAL		0.00	
GRANZ, ISABELA J, ESTATE OF			
SUCCESSOR IN PART TO ISABELA J GRANZ	33.80		
SOLD IN PART TO RICHARD BARCLAY AND R A WATT	-13.55		
SOLD IN PART TO NED EWING, ET AL	-6.50		
SOLD IN PART TO R A WATT, INC	-13.75		
TOTAL		0.00	
HARRIS, R AND L			
SUCCESSOR TO LAWRENCE I LISTON	0.70		
DISCLAIMED WATER RIGHT	-0.70		
TOTAL		0.00	
HARRIS TUBE, INC			
SUCCESSOR IN PART TO B ROBINSON AND ASSOCIATES	0.70		
TRANSFERRED TO AUTOMATION IND INC- HARRIS TUBE	-0.70		
TOTAL		0.00	
<b>HAWTHORNE, CITY OF</b>	<b>1,882.00</b>	<b>1,882.00</b>	
<b>HENDERSON, BEATRICE M</b>	<b>1.30</b>		
ABANDONED WATER RIGHT	-1.30		
TOTAL		0.00	
HEYDENBECK, JEANETTE R			
(FORMERLY JEANETTE R REIFSNYDER)	0.70		
SOLD TO DOMINGUEZ WATER CORP	-0.70		
TOTAL		0.00	
<b>HILLSIDE MEMORIAL PARK</b>	<b>16.70</b>		
SUCCESSOR TO SANTA FE LAND IMPROVEMENT CO	39.50		
SUCCESSOR TO SIGMUND S AND LIONEL S HOCKWALD	12.50		
SUCCESSOR TO THORPE, TERRENCE	11.80		
SUCCESSOR TO BRANDSMA, MAYNARD	11.80		
TOTAL		92.30	
<b>HOCKWALD, SIGMUND S AND LIONEL S</b>	<b>12.50</b>		
SOLD TO HILLSIDE MEMORIAL PARK	-12.50		
TOTAL		0.00	
HOLLYWOOD PARK INC			
(FORMERLY HOLLYWOOD TURF CLUB)			
(NOW KNOWN AS HOLLYWOOD PARK OPERATING CO)			
<b>HOLLYWOOD PARK LAND COMPANY, LLC</b>			
SUCCESSOR TO CHURCHILL DOWNS CALIFORNIA COMPANY	282.00	282.00	
HOLLYWOOD PARK OPERATING CO			
(FORMERLY HOLLYWOOD PARK INC)	282.00		
SOLD TO CHURCHILL DOWNS CALIFORNIA CO	-282.00		
TOTAL		0.00	
<b>HOLLYWOOD TURF CLUB</b>			
(NOW KNOWN AS HOLLYWOOD PARK INC)			
HONEYWELL INTERNATIONAL INC			
MERGED WITH ALLIED-SIGNAL INC (EL SEGUNDO OFFICE) AND THE CORP NAME CHANGED TO HONEYWELL INTERNATIONAL INC	255.00		
SOLD TO CALIFORNIA WATER SERVICE CO (DOMINGUEZ)	-255.00		
TOTAL		0.00	
<b>HONOLD, KRISTIN BRANDSMA</b>			
SUCCESSOR IN PART TO ESTATE OF JOHN GRANT	11.80	11.80	
<b>HORNSTRA, WILBUR</b>	<b>14.10</b>		
SOLD TO JAKE ENGELSMA	-14.10		
TOTAL		0.00	
<b>HUGHES AIRCRAFT</b>	<b>0.00</b>	<b>0.00</b>	
(SEE 1981 JUDGMENT ORDER)			
HUNT, DONALD G			
SUCCESSOR TO JAMES SCANDA	1.90		
SOLD TO KENICHI INOSE	-1.90		
TOTAL		0.00	
INDUSTRIAL CHEMICAL DIVISION, ALLIED CHEMICAL CORP			
(FORMERLY ALLIED CHEMICAL CORP, GEN CHEMICAL CO)			
(NOW KNOWN AS ALLIED CORP)			
<b>INGLEWOOD, CITY OF</b>	<b>4,382.00</b>		
SUCCESSOR TO ABELL, FRANK	1.80		
SUCCESSOR TO BOISE CASCADE BUILDING CO	16.92		
SUCCESSOR TO GEORGIA-PACIFIC CORP	3.40		
SUCCESSOR TO KAUFMAN, LEO AND SHELDON BAER	44.40		
SUCCESSOR IN PART TO GEORGE R MURDOCK	1.37		

**SUCCESSION OF ADJUDICATED RIGHTS IN WEST COAST  
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TOTAL			4,449.89
INOSE ET AL			
(KEN K INOSE, KAY K INOSE, KIYOKO YOSHIYAMA, KENICHI INOSE, KAYOKO K INOSE AND DAVID T NAKATANI, TRUSTEE OF THE INOSE CHILDREN TRUST U/D/T DATE 11/1/78)			
(FORMERLY INOSE, KENICHI)			
SUCCESSOR TO HUNT, DONALD G	1.90		
SUCCESSOR TO THAXTER, RALPH AND LOIS A LENOIR	3.50		
SOLD TO POTHOS CORP	-5.40		
TOTAL			0.00
INOSE, KENICHI			
(NOW KNOWN AS INOSE ET AL)			
JENKINS, HARRY C			
SUCCESSOR TO H L PERRY	1.80		
SOLD TO ABC NURSERY, INC	-1.80		
TOTAL			0.00
<b>JOHNS-MANVILLE PRODUCTS CORP</b>			
(SEE JOHNS-MANVILLE SALES CORP)			
JOHNS-MANVILLE SALES CORP			
(FORMERLY: JOHNS-MANVILLE PRODUCTS CORP MANVILLE SERVICE CORP)			
(NOW KNOWN AS MANVILLE SALES CORP)			
TOTAL			0.00
<b>JOHNSTON, A S, DRILLING CO</b>	<b>11.90</b>		
ASSIGNED TO GERAHUE LAND CO	-11.90		
TOTAL			0.00
<b>JONES, ANNA MAE</b>	<b>50.20</b>		
SOLD TO CITY OF TORRANCE	-50.20		
TOTAL			0.00
JOUGHIN TORRANCE RANCH			
SUCCESSOR IN PART TO ISABELA J GRANZ	212.42		
SOLD IN PART TO BARCLAY HOLLANDER	-3.33		
CURCI INC			
SOLD IN PART TO BOISE CASCADE BUILDING CO	-16.92		
SOLD IN PART TO COLLISTER, CAMERON	-136.82		
SOLD IN PART TO R A WATT, INC	-55.35		
TOTAL			0.00
JUNGQUIST, FRED A			
(FORMERLY KATHERINE P WOODMAN)	3.70		
SOLD TO ROBERT G FLETCHER ET AL	-3.70		
TOTAL			0.00
KAHLERT, ET AL			
AND SUCCESSOR IN PART TO KELLY PIPE CO	18.90		
SOLD TO SPARKLETTS DRINKING WATER CORP	-18.90		
TOTAL			0.00
KAUFMAN, LEO AND SHELDON BAER			
SUCCESSOR TO FUTURA INDUSTRIES INC	44.40		
SOLD TO CITY OF INGLEWOOD	-44.40		
TOTAL			0.00
<b>KELLY PIPE CO</b>	<b>49.00</b>		
SOLD IN PART TO STATE OF CALIFORNIA	-16.30		
SOLD IN PART TO KAHLERT, ET AL	-18.90		
SOLD IN PART TO SPARKLETTS DRINKING WATER CORP	-13.80		
TOTAL			0.00
<b>KINDER MORGAN LIQUIDS TERMINALS, LLC,</b>			
SUCCESSOR TO GATX TANK STORAGE TERMINALS CORP.	167.00		167.00
<b>KITA, ISAMU, KASUO, AND YOSHIKI R</b>	<b>32.60</b>		
SOLD TO DON WILSON BUILDERS	-32.60		
TOTAL			0.00
<b>KURTZ, GLADYS</b>	<b>3.50</b>		
SOLD TO SPARKLETTS DRINKING WATER CORP	-3.50		
TOTAL			0.00
LAGERLOF, STANLEY C			
SUCCESSOR TO LESLIE R FLESCHE AND ANDOR PASTERNAK, ET AL	3.50		
SOLD TO SHELL OIL CO	-3.50		
TOTAL			0.00
<b>LAWLER, JAMES K</b>	<b>3.10</b>		
SOLD TO B ROBINSON AND ASSOC	-3.10		
TOTAL			0.00
LERMENS, EVELYN			
(FORMERLY LERMENS, ALFRED)	0.70		
SOLD TO COASTLINE CHURCH OF CHRIST	-0.70		
TOTAL			0.00
<b>LEUZINGER, EMMA L</b>	<b>1.40</b>		1.40
<b>LISTON, LAWRENCE</b>	<b>0.70</b>		
SOLD TO R AND L HARRIS	-0.70		
TOTAL			0.00
LITTLE, WILLIAM			
SUCCESSOR TO ROCKWELL, MICHAEL	0.10		
SOLD TO WATT INDUSTRIAL PROPERTIES	-0.10		
TOTAL			0.00
<b>LOMITA, CITY OF WATER SYSTEM (WWD 13)</b>	<b>1,352.00</b>		1,352.00
(FORMERLY LOS ANGELES COUNTY WATERWORKS DISTRICT NO 13)			
<b>LONG BEACH, CITY OF</b>	<b>0.70</b>		0.70

**SUCCESSION OF ADJUDICATED RIGHTS IN WEST COAST  
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<b>LOPES, FRANK</b>	<b>3.70</b>	<u>3.70</u>
<b>LOS ANGELES, CITY OF</b>	<b>1,503.00</b>	<u>1,503.00</u>
<b>LOS ANGELES COUNTY-ALONDRA PARK</b>	<b>28.70</b>	
SUCCESSOR TO LOS ANGELES COUNTY	39.00	
FLOOD CONTROL DIST		
MERGED WITH LOS ANGELES COUNTY	-67.70	
CHESTER L. WASHINGTON GOLF COURSE		
UNDER NEW NAME "LOS ANGELES COUNTY		
RECREATION FACILITIES"		
TOTAL		0.00
LOS ANGELES COUNTY CHESTER L WASHINGTON GOLF COURSE		
(FORMERLY LOS ANGELES COUNTY	296.00	
WESTERN AVENUE GOLF COURSE)		
MERGED WITH LOS ANGELES COUNTY	-296.00	
ALONDRA PARK UNDER NEW NAME "LOS		
ANGELES COUNTY RECREATION FACILITIES"		
TOTAL		0.00
<b>LOS ANGELES COUNTY FLOOD CONTROL</b>	<b>37.60</b>	
<b>DISTRICT</b>		
SUCCESSOR IN PART TO A H SMITH, ET AL	1.40	
SOLD TO LOS ANGELES COUNTY - ALONDRA	-39.00	
PARK		
TOTAL		0.00
<b>LOS ANGELES COUNTY RECREATION FACILITIES</b>		
MERGER OF LOS ANGELES COUNTY ALONDRA		
PARK, AND	67.70	
LOS ANGELES COUNTY CHESTER L.		
WASHINGTON GOLF COURSE	296.00	
TOTAL		
<b>LOS ANGELES COUNTY SANITATION DIST NO 2</b>	<b>102.00</b>	<u>363.70</u>
		<u>102.00</u>
<b>LOS ANGELES COUNTY WATERWORKS DISTRICT NO 13</b>		
(NOW KNOWN AS LOMITA, CITY OF WATER SYSTEM WWD 13)		
<b>LOS ANGELES COUNTY WATERWORKS DISTRICT</b>	<b>551.00</b>	
<b>NO 22</b>		
SOLD TO SOUTHERN CALIF WATER CO	-551.00	
TOTAL		0.00
LOS ANGELES COUNTY WESTERN AVE GOLF COURSE		
(FORMERLY BOARD OF RETIREMENT OF THE LOS ANGELES COUNTY		
EMPLOYEES RETIREMENT SYSTEM)		
(NOW KNOWN AS LOS ANGELES CHESTER L WASH GOLF)		
<b>LOYOLA MARYMOUNT UNIVERSITY</b>	<b>48.10</b>	<u>48.10</u>
(FORMERLY LOYOLA UNIVERSITY OF LOS		
ANGELES)		
<b>MANHATTAN BEACH, CITY OF</b>	<b>1,131.20</b>	<u>1,131.20</u>
MANVILLE SALES CORP	<b>881.00</b>	
(FORMERLY: JOHNS-MANVILLE SALES CORP JOHNS-MANVILLE PRODUCTS		
CORP MANVILLE SERVICE)		
SOLD TO ATLANTIC RICHFIELD CO	-881.00	
TOTAL		0.00
MANVILLE SERVICE CORP		
(SEE JOHNS-MANVILLE SALES CORP)		
<b>MARTIN BROTHERS BOX CO, INC</b>	<b>3.40</b>	
SOLD TO SOUTHWEST STEEL ROLLING MILLS	-3.40	
TOTAL		0.00
<b>MAYFLOWER NURSERIES</b>	<b>0.00</b>	<u>0.00</u>
(HERBERT SAKAYE FUKUWAI, DBA)		
<b>MCCANDLESS, JAMES</b>	<b>6.70</b>	
SOLD TO SPARKLETT'S DRINKING WATER	-6.70	
CORP		
TOTAL		0.00
<b>MCDONNELL DOUGLAS CORP</b>		
(FORMERLY DOUGLAS AIRCRAFT, CO INC)		
LONG TERM LEASE FROM UNITED STATES	1.70	<u>1.70</u>
NAVY DEPARTMENT		
<b>MOBIL OIL CORP</b>		
(FORMERLY SOCONY MOBIL OIL CO)	<b>2,570.00</b>	
SUCCESSOR TO SUPERIOR OIL CO	26.40	
TOTAL		<u>2,596.40</u>
<b>MONETA MUTUAL WATER CO</b>	<b>916.00</b>	
SOLD TO CITY OF TORRANCE	-916.00	
TOTAL		0.00
<b>MONIZ, JOE JR</b>	<b>2.20</b>	
SOLD TO STATE OF CALIFORNIA	-2.20	
TOTAL		0.00
MORAN, RONALD E		
SUCCESSOR IN PART TO COLUMBIA	9.00	
BROADCASTING SYSTEM, INC		
SOLD TO CITY OF TORRANCE	-9.00	
TOTAL		0.00
<b>MORI, ROY H AND KENJI</b>		
SECOND WEST COAST BASIN JUDGMENT	5.60	
SOLD TO NOZAKI, SUMIKICHI	-2.00	
TOTAL		<u>3.60</u>
MURDOCK, GEORGE R		
SUCCESSOR IN PART TO ISABELA J GRANZ	15.12	
SOLD IN PART TO R BARCLAY AND R A WATT	-13.75	
SOLD IN PART TO CITY OF INGLEWOOD	-1.37	
TOTAL		0.00
<b>MYRON Z. CHLAVIN AND NETTIE DESSER TRUST</b>		

**SUCCESSION OF ADJUDICATED RIGHTS IN WEST COAST  
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<b>AND JHD PROPERTIES, LLC</b>			
SUCCESSOR TO DESSER ENTERPRISES, INC.	<b>0.00</b>		<u>0.00</u>
<b>NAKANO, KIKUNO, ET AL</b>			<b>19.30</b>
SOLD TO DOMINGUEZ WATER CORP			-19.30
TOTAL			0.00
<b>NAVARRO, T C</b>			<b>53.90</b>
SOLD TO HILARIO S AND EMMA ALWAG			-53.90
TOTAL			0.00
<b>NORAIR, A DIVISION OF NORTHROP CORP</b>			
(FORMERLY KNOWN AS NORTHROP AIRCRAFT, INC)			
(NOW KNOWN AS NORTHROP CORP)			
NORMANDIE PARK			
SUCCESSOR TO COLLISTER, CAMERON	136.82		
SOLD TO CITY OF TORRANCE	-136.82		
TOTAL			0.00
<b>NORTHROP CORP</b>			
(FORMERLY KNOWN AS NORAIR, A DIV OF	<b>38.15</b>		<u>38.15</u>
NORTHROP CORP)			
<b>NOZAKI, SUMIKICHI</b>			
SUCCESSOR IN PART TO MORI, ROY H AND	2.00		
KENJI			
SUCCESSOR IN PART TO UNITED CALIFORNIA	5.00		
BANK			
TOTAL			<u>7.00</u>
OSBORN, EMMA J			
SUCCESSOR IN PART TO ISABELA J GRANZ	32.66		
SOLD TO R BARCLAY AND R A WATT	-32.66		
TOTAL			0.00
<b>OTANI, CHISATO</b>			<b>0.00</b>
<b>PACIFIC CREST CEMETERY CO</b>			<b>17.70</b>
SUCCESSOR TO H S SCOTT	9.50		
SUCCESSOR TO WADA, KAORU AND SATORU	12.20		
TOTAL			<u>39.40</u>
<b>PALOS VERDES BEGONIA FARM</b>			
SUCCESSOR TO GUS A BAUMAN	0.00		<u>0.00</u>
<b>PALOS VERDES WATER CO</b>			<b>999.00</b>
SOLD TO CALIFORNIA WATER SERVICE CO	-999.00		
TOTAL			0.00
<b>PARK WATER CO</b>			<b>160.00</b>
SOLD TO SOUTHERN CALIFORNIA WATER	-160.00		
TOTAL			0.00
<b>PARKE, ZORAIDA</b>			<b>1.80</b>
SOLD TO H L PERRY	-1.80		
TOTAL			0.00
<b>PASCHKE, WILLIAM JOSEPH</b>			<b>0.02</b>
ABANDONED WATER RIGHT	-0.02		
TOTAL			0.00
PERRY, H L			
SUCCESSOR TO ZORAIDA PARKE	1.80		
SOLD TO HARRY C JENKINS	-1.80		
TOTAL			0.00
PHILLIPS PETROLEUM CO			
(FORMERLY TIDEWATER OIL CO)	<b>167.00</b>		
SOLD TO GATX TANK STORAGE TERM CORP	-167.00		
TOTAL			0.00
POTHOS CORP			
SUCCESSOR TO INOSE ET AL	5.40		
SOLD TO EVERGREEN AMERICA CORP	-5.40		
TOTAL			0.00
<b>REHOR, JOSEPHINE P</b>			<b>2.20</b>
<b>REIFSNYDER, JEANETTE R</b>			
(NOW KNOWN AS JEANNETTE R HEYDENBECK)			
<b>RHODIA, INC</b>			
SUCCESSOR TO RHONE-POULENC INC	521.00		<u>521.00</u>
RHONE-POULINE BASIC CHEMICAL CO			
SUCCESSOR TO STAUFFER CHEMICAL CO	521.00		
SOLD TO RHONE-POULINE INC	-521.00		
TOTAL			0.00
RHONE-POULENC INC			
SUCCESSOR TO RHONE-POULENC, BASIC	521.00		
CHEMICAL CO			
SOLD TO RHODIA, INC	-521.00		
TOTAL			0.00
<b>RICHFIELD OIL CORP</b>			
(NOW KNOWN AS ATLANTIC RICHFIELD CO)			
ROBINSON, B, AND ASSOCIATES			
SUCCESSOR TO JAMES K LAWLER	3.10		
SOLD IN PART TO HARRIS TUBE, INC	-0.70		
SOLD IN PART TO SOUTHERN CALIFORNIA	-2.40		
WATER CO			
TOTAL			0.00
ROCKWELL, MICHAEL L			
SUCCESSOR TO BANK OF AMERICA NATIONAL	0.10		
TRUST AND SAVINGS ASSOCIATION (TRUST B			
1-51)			
SOLD TO LITTLE, WILLIAM	-0.10		
TOTAL			0.00
<b>RODRIGUEZ, FLAVIO</b>			<b>6.10</b>
SOLD TO STATE OF CALIFORNIA	-4.00		
DISCLAIMED WATER RIGHT	-2.10		

**SUCCESSION OF ADJUDICATED RIGHTS IN WEST COAST  
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TOTAL		0.00	
<b>ROMAN CATHOLIC ARCHBISHOP OF LOS ANGELES (HOLY CROSS CEMETERY)</b>	<b>72.30</b>	<b>72.30</b>	
RUFFNER CORP			
SUCCESSOR TO LOUIS M SEPULVEDA	0.70		
ABANDONED WATER RIGHT	-0.70		
TOTAL		0.00	
<b>RYAN AERONAUTICAL CO</b>	<b>20.20</b>		
SOLD TO SOUTHERN CALIFORNIA WATER CO	-20.20		
TOTAL		0.00	
<b>SANTA FE LAND IMPROVEMENT CO</b>	<b>39.50</b>		
SOLD TO HILLSIDE MEMORIAL PARK	-39.50		
TOTAL		0.00	
<b>SCANDA, JAMES AND GEORGE NASSIN</b>	<b>1.90</b>		
SOLD TO DONALD G HUNT	-1.90		
TOTAL		0.00	
<b>SCHLAEGEL, KEITH W AND OPAL B</b>	<b>13.60</b>		
SOLD TO SIDNEY R AND CHARLOTTE W TITLE	-13.60		
TOTAL		0.00	
SCOTT, H S			
SUCCESSOR TO W F BURKE AND LOIS PRICE	9.50		
QUITCLAIMED TO PACIFIC CREST CEMETERY CO	-9.50		
TOTAL		0.00	
<b>SEABACK, ALFRED D AND RUTH</b>	<b>3.50</b>		
SOLD TO LESLIE R FLESH AND OR PASTERNAK, ET AL	-3.50		
TOTAL		0.00	
<b>SEPULVEDA, LOUIS M</b>	<b>0.70</b>		
ACQUIRED BY RUFFNER CORP	-0.70		
TOTAL		0.00	
SHEETS, ESTHER M (FORMERLY CLYDE L SHEETS) (SEE DENNIS, ESTHER M SHEETS)			
<b>SHELL OIL CO</b>	<b>4,516.00</b>		
SUCCESSOR TO LAGERLOF, STANLEY C	3.50		
SOLD IN PART TO UNION OIL CO OF CAL	-1,974.00		
SOLD IN PART TO UNION OIL CO OF CAL	-1,526.00		
TOTAL		<u>1,019.50</u>	
SHELL OIL PRODUCTS US			
SUCCESSOR TO EQUILON ENTERPRISES, LLC	3,432.00		<u>3432.00</u>
SOLD TO TESORO REFINING AND MARKETING COMPANY	-3,432.00		
TOTAL		0.00	
SHINODA BROTHERS, INC			
SECOND WEST COAST BASIN JUDGMENT	22.50		
SOLD TO GARRETT CORP, THE	-22.50		
TOTAL		0.00	
<b>SMITH, A H,(SAM SURBER AND FRED A SMITH)</b>	<b>9.70</b>		
SOLD IN PART TO STATE OF CALIFORNIA	-2.60		
SOLD IN PART TO GRAND LAND CO	-5.70		
SOLD IN PART TO L A CO FLOOD CONTROL DISTRICT	-1.40		
TOTAL		0.00	
<b>SOCONY MOBIL OIL CO</b>			
(SEE MOBIL OIL CO)			
<b>SOUTHERN CALIFORNIA EDISON CO</b>	<b>10.40</b>		
SUCCESSOR TO ASSOCIATED SOUTHERN INVESTMENT CO	46.70		
TOTAL		<u>57.10</u>	
<b>SOUTHERN CALIFORNIA WATER CO</b>	<b>6,265.30</b>		
SUCCESSOR TO EWING, CARMELITA ROSECRANS	91.30		
SUCCESSOR TO LOS ANGELES COUNTY WATERWORKS DIST NO 22	551.00		
SUCCESSOR TO PARK WATER CO	160.00		
SUCCESSOR TO RYAN AERONAUTICAL CO	20.20		
SUCCESSOR TO SOUTHERN PACIFIC CO	166.00		
SUCCESSOR IN PART TO OWEN W CURTIS	3.44		
SUCCESSOR IN PART TO B ROBINSON AND ASSOCIATES	2.40		
SUCCESSOR TO WESTERN WATER SERVICE COMPANY	242.60		
NAME CHANGE TO GOLDEN STATE WATER COMPANY	-7,502.24		
TOTAL		0.00	
<b>SOUTHERN PACIFIC CO</b>	<b>166.00</b>		
SOLD TO SO CALIFORNIA WATER CO	-166.00		
TOTAL		0.00	
SOUTHWEST STEEL ROLLING MILLS			
SUCCESSOR TO MARTIN BROTHERS BOX CO, INC	3.40		
SOLD TO COAST FOREST PRODUCTS	-3.40		
TOTAL		0.00	
<b>SPANISH AMERICAN INSTITUTE</b>	<b>44.40</b>		
SOLD TO FUTURA INDUSTRIES, INC	-44.40		
TOTAL		0.00	
SPARKLETT'S DRINKING WATER CORP			
SUCCESSOR TO ANDERSON, REMBERT C, ET AL	80.50		
SUCCESSOR TO CALIFORNIA, STATE OF	26.10		

**SUCCESSION OF ADJUDICATED RIGHTS IN WEST COAST  
BASIN-JUNE 2008**

SUCCESSOR TO KAHLERT, ET AL	18.90		
SUCCESSOR TO KURTZ, GLADYS	3.50		
SUCCESSOR TO MCCANDLESS, JAMES	6.70		
SUCCESSOR TO WECHSLER, B A	3.10		
SUCCESSOR IN PART TO KELLY PIPE CO	13.80		
SOLD TO WESTERN WATER CO	-152.60		
TOTAL			0.00
<b>STANDARD OIL CO OF CALIFORNIA</b>			
(NOW KNOWN AS CHEVRON U S A, INC)			
<b>STAUFFER CHEMICAL CO</b>	<b>521.00</b>		
SOLD TO RHONE-POULENC BASIC CHEMICALS CO	-521.00		
TOTAL			0.00
SUNRISE GROWERS, INC			
SUCCESSOR TO AMERICAN PLANT GROWERS INC	10.00		
SOLD TO AMERICAN PLANT GROWERS, INC	-10.00		
TOTAL			0.00
SUPERIOR OIL CO			
SUBJECT TO LONG TERM LEASE FROM ISABELA J GRANZ	26.40		
SOLD TO MOBIL OIL CORP	-26.40		
TOTAL			0.00
<b>SWICK, PEGGY</b>	<b>5.50</b>		
SOLD TO HILARIO AND EMMA ALWAG	-5.50		
TOTAL			0.00
<b>TESORO REFINING AND MARKETING COMPANY</b>			
SUCCESSOR TO SHELL OIL PRODUCTS US	3,432.00		<u>3,432.00</u>
<b>TEXACO, INC</b>			
(NOW KNOWN AS TEXACO REFINING AND MARKETING, INC)			
TEXACO REFINING AND MARKETING, INC (FORMERLY: TEXACO, INC)	3,432.00		
SOLD TO EQUILON ENTERPRISES, LLC	-3,432.00		
TOTAL			0.00
<b>THAXTER, RALPH AND LOIS A LENOIR</b>	<b>3.50</b>		
SOLD TO KENICHI INOSE	-3.50		
TOTAL			0.00
THORPE, GREGORY			
SUCCESSOR IN PART TO ESTATE OF JOHN GRANT	11.80		
SOLD TO DOMINGUEZ WATER CORP	-11.80		
TOTAL			0.00
THORPE, TERRENCE			
SUCCESSOR IN PART TO ESTATE OF JOHN GRANT	11.80		
SOLD TO HILLSIDE MEMORIAL PARK	-11.80		
TOTAL			0.00
<b>TIDEWATER OIL CO</b>			
(SEE PHILLIPS PETROLEUM CO)			
TITLE, SIDNEY R AND CHARLOTTE W			
SUCCESSOR TO KEITH W AND OPAL B SCHLAEGE L	13.60		
SOLD TO ABC NURSERY, INC	-13.60		
TOTAL			0.00
<b>TORRANCE, CITY OF</b>	<b>2,519.00</b>		
SUCCESSOR TO BARCLAY HOLLANDER CORP	3.33		
SUCCESSOR TO BARCLAY, RICHARD AND WATT, R A	59.96		
SUCCESSOR TO BELVIDERE MUTUAL WATER CO	33.40		
SUCCESSOR TO DENNIS, ESTHER M SHEETS	5.50		
SUCCESSOR TO ALCAST FOUNDRY ET AL	7.20		
SUCCESSOR TO GONZALES, GABRIELA AND MARIA R	34.30		
SUCCESSOR TO JONES, ANNA MAE	50.20		
SUCCESSOR TO MONETA WATER CO	916.00		
SUCCESSOR TO MORAN, RONALD E	9.00		
SUCCESSOR TO NORMANDIE PARK	136.82		
SUCCESSOR TO TORRANCE UNIFIED SCHOOL DISTRICT	59.40		
SUCCESSOR TO UNITED STATES STEEL CORP	1,791.00		
SUCCESSOR TO WATT, R A, INC	13.75		
TOTAL			<u>5,638.86</u>
TORRANCE SAND AND GRAVEL CORP			
SUCCESSOR TO WESTON INVESTMENT CO	184.00		
SOLD TO CHANDLERS PALOS VERDES SAND AND GRAVEL CORP	-184.00		
TOTAL			0.00
TORRANCE UNIFIED SCHOOL DISTRICT			
SUCCESSOR TO HILARIO S AND EMMA ALWAG	59.40		
SOLD TO CITY OF TORRANCE	-59.40		
TOTAL			0.00
TOSCO CORP			
SUCCESSOR TO UNION OIL CO OF CALIF MERGED INTO CONOCOPHILLIS COMPANY	6,170.00		
TOTAL	-6,170.00		0.00
TUNE, MATES, ET AL			
SUCCESSOR TO JOSEPHINE WATKINSON	3.10		
SOLD TO B A WECHSLER	-3.10		
TOTAL			0.00

**SUCCESSION OF ADJUDICATED RIGHTS IN WEST COAST  
BASIN-JUNE 2007**

<i>UNION NURSERY, INC</i>		
SECOND WEST COAST BASIN JUDGMENT	4.70	
SOLD TO CENTURY BUILDERS	-4.70	
TOTAL		0.00
<b>UNION OIL CO OF CALIFORNIA</b>		
SUCCESSOR IN PART TO SHELL OIL CO	1,974.00	
SUCCESSOR IN PART TO SHELL OIL CO	1,526.00	
SOLD TO TOSCO CORP	-6,170.00	
TOTAL		0.00
<i>UNITED CALIFORNIA BANK</i>		
SUCCESSOR TO BALLMAN, ROSEMARY N	7.00	
SOLD TO A B C NURSERY, INC	-2.00	
SOLD TO NOZAKI, SUMIKICHI	-5.00	
TOTAL		0.00
<b>UNITED STATES NAVY DEPARTMENT</b>		
LONG TERM LEASE TO MCDONNELL DOUGLAS CORP PER JUDGEMENT	-1.70	
TOTAL		0.00
<b>UNITED STATES STEEL CORP</b>		
SOLD TO TORRANCE, CITY OF	-1,791.00	
TOTAL		0.00
<b>VERBURG, WILLIAM AND CLARA B</b>		
SOLD TO ABC NURSERY, INC	-6.70	
TOTAL		0.00
<u>VUKELICH MIKE, JR.</u>		
SUCCESSOR TO AMERICAN PLANT GROWERS, INC.	10.00	<u>10.00</u>
<b>WADA, KAORU AND SATORU</b>		
SOLD TO PACIFIC CREST CEMETERY CO	-12.20	
TOTAL		0.00
<b>WATKINSON, JOSEPHINE</b>		
SOLD TO MATES TUNE, ET AL	-3.10	
TOTAL		0.00
<b>WATSON LAND CO</b>		
SUCCESSOR IN PART TO DOMINGUEZ WATER CORP	37.60	
TOTAL		<u>80.20</u>
<u>WATT INDUSTRIAL PROPERTIES</u>		
SUCCESSOR TO WILLIAM LITTLE	0.10	<u>0.10</u>
<i>WATT, R A, INC</i>		
SUCCESSOR TO NED EWING, ET AL	6.50	
SUCCESSOR IN PART TO ISABELA J GRANZ ESTATE	13.75	
SUCCESSOR IN PART TO JOUGHIN TORRANCE RANCH	55.35	
SOLD TO DOMINGUEZ WATER CORP	-61.85	
SOLD TO CITY OF TORRANCE	-13.75	
TOTAL		0.00
<i>WECHSLER, B A</i>		
SUCCESSOR TO MATES TUNE, ET AL	3.10	
SOLD TO SPARKLETTS DRINKING WATER CORP	-3.10	
TOTAL		0.00
<i>WESTERN WATER CO</i>		
SUCCESSOR TO FLETCHER OIL AND REFINING CO	90.00	
SUCCESSOR TO SPARKLETTS DRINKING WATER CORP	152.60	
SOLD TO WESTERN WATER SERVICES CO	-242.60	
TOTAL		0.00
<u>WESTERN WATER SERVICES CO *</u>		
SUCCESSOR TO WESTERN WATER CO.	242.60	
SOLD TO SOUTHERN CALIFORNIA WATER COMPANY	-242.60	
TOTAL		<u>0.00</u>
<b>WESTON INVESTMENT CO</b>		
SOLD TO TORRANCE SAND AND GRAVEL CORP	-184.00	
TOTAL		0.00
<b>WISEBURN SCHOOL DISTRICT</b>		
WOODMAN, KATHERINE P (SEE FRED A JUNGQUIST)	8.20	<u>8.20</u>
<b>ZEIGLER, MAXWELL T</b>		
	0.00	<u>0.00</u>
GRAND TOTAL	64,468.25	64,468.25

**WEST COAST BASIN JUDGMENT-1961  
SECOND WEST COAST BASIN JUDGMENT  
CURRENT WATER RIGHT HOLDERS**

\* WESTERN WTR. SERV.CO. – PARTY WITH 0 RIGHTS FOR THE DURATION OF LONG TERM LEASE AGREEMENT WITH CHEVRON (ENDS JUNE 30, 2013)

APPENDIX C – GROUNDWATER EXTRACTIONS (in acre-feet)

PRODUCTION - WEST COAST BASIN															
State Well Number	Owner No.	2007						2008						TOTAL	
		JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN		
<b><u>A B C Nursery, Inc</u></b>															
<b>7002</b>															
03S/13W-29F11S	1	4.76	3.52	1.37	1.75	1.37	0.21	0.27	0.64	2.75	1.99	2.42	3.41	24.46	
PARTY TOTALS:		<b>4.76</b>	<b>3.52</b>	<b>1.37</b>	<b>1.75</b>	<b>1.37</b>	<b>0.21</b>	<b>0.27</b>	<b>0.64</b>	<b>2.75</b>	<b>1.99</b>	<b>2.42</b>	<b>3.41</b>	<b>24.46</b>	
<b><u>Allied-signal, Inc</u></b>															
<b>7003</b>															
03S/14W-35M07S	NEW	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	
PARTY TOTALS:		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	
<b><u>Atlantic Richfield Co</u></b>															
<b>7025</b>															
04S/13W-16J05S	13	59.60	31.29	47.91	32.57	0.00	100.66	133.38	124.32	133.05	105.54	130.68	125.76	1,024.76	
04S/13W-16R02S	11	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	
04S/13W-21H02S	4	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.21	
04S/13W-21H05S	7	0.00	0.00	0.00	14.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.63	29.24	
04S/13W-21H06S	8	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	
04S/13W-21H07S	12	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	
04S/13W-21J02S	10	46.96	51.31	47.97	48.55	46.86	47.55	44.75	40.74	41.99	38.25	39.13	37.44	531.50	
04S/13W-22E01S	5	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	
04S/13W-22F01S	9	36.40	36.03	33.32	29.56	6.25	0.00	0.00	0.01	0.00	0.00	0.00	0.00	141.57	
PARTY TOTALS:		<b>142.96</b>	<b>118.63</b>	<b>129.20</b>	<b>125.41</b>	<b>53.11</b>	<b>148.21</b>	<b>178.13</b>	<b>165.07</b>	<b>175.04</b>	<b>143.79</b>	<b>169.81</b>	<b>177.92</b>	<b>1,727.28</b>	
<b><u>Atlantic Richfield Co (Oil Recov)</u></b>															
<b>7026</b>															
04S/13W-21L01S	3	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	
04S/13W-21L02S	4	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	
04S/13W-21P03S	1	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	
04S/13W-21P04S	2	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	
04S/13W-21P05S	5	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	
PARTY TOTALS:		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	

PRODUCTION - WEST COAST BASIN															
State Well Number	Owner No.	2007					2008					TOTAL			
		JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR		MAY	JUN	
<b>California Water Service Co</b>															
<b>7050</b>															
03S/14W-29H01S	30-01	0.00	0.00	0.77	0.83	8.39	0.60	0.00	0.00	0.43	3.28	0.00	0.00	14.30	
03S/14W-29J01S	22-01	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	
03S/14W-32A02S	8-02	85.97	86.04	82.14	83.71	81.89	24.79	2.09	73.82	94.48	86.19	92.05	91.20	884.37	
PARTY TOTALS:		<b>85.97</b>	<b>86.04</b>	<b>82.91</b>	<b>84.54</b>	<b>90.28</b>	<b>25.39</b>	<b>2.09</b>	<b>73.82</b>	<b>94.91</b>	<b>89.47</b>	<b>92.05</b>	<b>91.20</b>	<b>898.67</b>	
<b>Ca Wtr Service Co/Hawthorne Lease</b>															
<b>7052</b>															
03S/14W-09M01S	13	33.33	4.18	38.96	23.49	9.15	0.13	0.00	0.00	0.00	0.00	0.00	0.80	110.04	
03S/14W-09N04S	4	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	
03S/14W-09N05S	12	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	
03S/14W-09P01S	8	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	
PARTY TOTALS:		<b>33.33</b>	<b>4.18</b>	<b>38.96</b>	<b>23.49</b>	<b>9.15</b>	<b>0.13</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.80</b>	<b>110.04</b>	
<b>Ca Water Service Co (Dominguez)</b>															
<b>7053</b>															
04S/13W-11P02S	294-01	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	
04S/13W-15A06S	RCOMP	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	
04S/13W-15A11S	215-01	92.22	103.36	81.74	92.40	89.11	92.62	80.76	65.22	114.76	110.60	113.23	110.36	1,146.38	
04S/13W-15A14S	298-01	129.10	300.17	270.29	288.54	273.95	270.89	195.57	122.96	290.66	287.17	290.34	279.58	2,999.22	
04S/13W-15B05S	215-02	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	
04S/13W-15F01S	277-01	31.04	34.42	26.32	14.60	39.92	119.38	115.06	113.07	114.81	57.72	127.20	120.24	913.78	
04S/13W-17D02S	219-01	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	
04S/13W-17D03S	219-02	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	
04S/13W-20C01S	279-01	0.00	0.00	0.00	0.00	38.80	0.00	0.00	0.00	0.00	0.00	0.00	0.60	39.40	
04S/13W-29E06S	275-01	94.71	101.46	78.79	89.47	85.61	85.15	84.58	80.63	80.83	98.00	128.31	124.04	1,131.58	
PARTY TOTALS:		<b>347.07</b>	<b>539.41</b>	<b>457.14</b>	<b>485.01</b>	<b>527.39</b>	<b>568.04</b>	<b>475.97</b>	<b>381.88</b>	<b>601.06</b>	<b>553.49</b>	<b>659.08</b>	<b>634.82</b>	<b>6,230.36</b>	
<b>Ca Wtr Serv Co (Brewer Desalter)</b>															
<b>7054</b>															
04S/14W-09A02S	232-03	37.73	126.25	111.85	128.60	109.20	90.91	2.48	5.59	1.60	1.48	0.00	2.05	617.74	
PARTY TOTALS:		<b>37.73</b>	<b>126.25</b>	<b>111.85</b>	<b>128.60</b>	<b>109.20</b>	<b>90.91</b>	<b>2.48</b>	<b>5.59</b>	<b>1.60</b>	<b>1.48</b>	<b>0.00</b>	<b>2.05</b>	<b>617.74</b>	

PRODUCTION - WEST COAST BASIN															
State Well Number	Owner No.	2007					2008					TOTAL			
		JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR		MAY	JUN	
<b><u>Chandler Palos Verdes Sand/Grav Co</u></b>															
<b>7080</b>															
04S/14W-35E06S	SIDEB	46.24	43.00	32.87	19.41	15.05	6.41	3.99	5.41	26.35	32.33	46.48	42.74	320.28	
04S/14W-35F02S	PLANT	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	
PARTY TOTALS:		<b>46.24</b>	<b>43.00</b>	<b>32.87</b>	<b>19.41</b>	<b>15.05</b>	<b>6.41</b>	<b>3.99</b>	<b>5.41</b>	<b>26.35</b>	<b>32.33</b>	<b>46.48</b>	<b>42.74</b>	<b>320.28</b>	
<b><u>Conocophillips Company</u></b>															
<b>7093</b>															
04S/13W-21R01S	W002	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	
04S/13W-21R10S	W004	61.91	59.81	56.22	56.56	53.83	53.84	52.46	46.67	49.13	22.01	9.34	50.43	572.21	
04S/13W-31N03S	LA005	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	
04S/13W-31N04S	LA006	168.60	169.06	156.95	153.21	120.86	41.60	0.00	0.00	0.00	95.92	125.48	119.07	1,150.75	
PARTY TOTALS:		<b>230.51</b>	<b>228.87</b>	<b>213.17</b>	<b>209.77</b>	<b>174.69</b>	<b>95.44</b>	<b>52.46</b>	<b>46.67</b>	<b>49.13</b>	<b>117.93</b>	<b>134.82</b>	<b>169.50</b>	<b>1,722.96</b>	
<b><u>Fujimoto, SR + ST + JK</u></b>															
<b>7201</b>															
03S/13W-30A10S	1	0.94	0.83	0.99	0.90	0.61	0.34	0.20	0.27	0.17	0.95	0.35	0.00	6.55	
PARTY TOTALS:		<b>0.94</b>	<b>0.83</b>	<b>0.99</b>	<b>0.90</b>	<b>0.61</b>	<b>0.34</b>	<b>0.20</b>	<b>0.27</b>	<b>0.17</b>	<b>0.95</b>	<b>0.35</b>	<b>0.00</b>	<b>6.55</b>	
<b><u>Golden State Water Company</u></b>															
<b>7226</b>															
03S/14W-02Q01S	TRUR4	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	
03S/14W-03K01S	YU001	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	
03S/14W-03K02S	YU002	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	
03S/14W-03K04S	YU005	17.95	25.24	53.79	53.39	53.93	79.98	86.59	87.98	98.82	103.16	100.57	100.51	861.91	
03S/14W-03L02S	YU004	97.78	96.09	91.20	101.98	101.40	103.32	101.17	92.85	103.60	100.47	101.34	100.04	1,191.24	
03S/14W-13B02S	BA003	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	
03S/14W-13B03S	BA004	120.85	117.66	108.45	115.32	3.40	20.24	0.00	0.00	38.26	73.55	76.87	73.00	747.60	
03S/14W-13B04S	BA005	0.00	95.71	102.80	108.07	109.00	107.56	109.10	102.79	113.17	109.27	106.85	107.92	1,172.24	
03S/14W-13J09S	S0005	112.48	111.74	75.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	299.79	
03S/14W-13J10S	S0006	134.72	131.17	129.50	139.79	136.18	139.10	136.54	126.64	129.42	135.27	137.22	131.21	1,606.76	
03S/14W-14A01S	ELSE1	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	
03S/14W-14D02S	129-02	141.12	140.03	134.75	140.06	132.36	146.80	146.12	136.14	144.93	139.36	144.91	142.50	1,689.08	
03S/14W-15B03S	GOLDM	133.73	133.02	127.50	126.51	124.78	88.00	37.85	121.87	126.56	130.39	133.68	127.04	1,410.93	
03S/14W-15P01S	DOTY1	81.50	78.69	63.29	74.78	69.54	73.63	76.16	67.81	76.98	53.54	92.35	86.60	894.87	
03S/14W-15P02S	DOTY2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.58	136.36	131.18	316.12	
03S/14W-21M01S	CH001	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	
03S/14W-22K01S	CERISE	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	
03S/14W-22L01S	CD001	57.99	57.17	55.13	56.49	54.58	54.81	57.40	54.40	59.03	53.20	53.81	53.24	667.25	
03S/14W-22Q01S	0015B	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	
03S/14W-25P04S	DA001	66.87	66.40	63.89	63.96	61.09	66.54	66.89	59.86	66.93	64.17	67.44	66.27	780.31	
PARTY TOTALS:		<b>964.99</b>	<b>1,052.92</b>	<b>1,005.87</b>	<b>980.35</b>	<b>846.26</b>	<b>879.98</b>	<b>817.82</b>	<b>850.34</b>	<b>957.70</b>	<b>1,010.96</b>	<b>1,151.40</b>	<b>1,119.51</b>	<b>11,638.10</b>	

PRODUCTION - WEST COAST BASIN															
State Well Number	Ow ner No.	2007					2008					TOTAL			
		JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR		MAY	JUN	
<b>Hillside Memorial Park</b>															
<b>7270</b>															
02S/14W-19K04S	3	12.29	11.57	12.04	8.73	4.67	1.87	2.26	2.41	4.04	5.73	12.12	12.88	90.61	
PARTY TOTALS:		<b>12.29</b>	<b>11.57</b>	<b>12.04</b>	<b>8.73</b>	<b>4.67</b>	<b>1.87</b>	<b>2.26</b>	<b>2.41</b>	<b>4.04</b>	<b>5.73</b>	<b>12.12</b>	<b>12.88</b>	<b>90.61</b>	
<b>Inglewood, City of</b>															
<b>7310</b>															
03S/14W-03D03S	6	262.56	246.05	245.76	72.47	16.31	238.84	243.51	179.30	253.88	221.74	151.24	0.00	2,131.66	
03S/14W-10F02S	4	117.44	112.60	99.89	90.06	86.29	73.47	81.65	90.91	98.32	71.33	64.20	0.00	986.16	
03S/14W-10G03S	1	116.79	98.01	73.82	50.42	0.01	83.89	40.92	46.79	0.08	24.85	0.10	0.00	535.68	
03S/14W-10G04S	2	0.00	2.92	0.00	0.68	0.01	0.00	0.16	0.02	0.00	61.48	32.23	0.00	97.50	
PARTY TOTALS:		<b>496.79</b>	<b>459.58</b>	<b>419.47</b>	<b>213.63</b>	<b>102.62</b>	<b>396.20</b>	<b>366.24</b>	<b>317.02</b>	<b>352.28</b>	<b>379.40</b>	<b>247.77</b>	<b>0.00</b>	<b>3,751.00</b>	
<b>Inglewood Park Cemetery</b>															
<b>7312</b>															
02S/14W-27M01S	IP17	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	
02S/14W-27N02S	21	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	
02S/14W-27N03S	22	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	
PARTY TOTALS:		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>											
<b>Los Angeles, City of</b>															
<b>7410</b>															
04S/13W-30G01S	0310C	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	
04S/13W-30G03S	0320E	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	
04S/13W-30K01S	0320C	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	
04S/13W-31E01S	MP001	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	
PARTY TOTALS:		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>											
<b>Los Angeles County Parks &amp; Rec.</b>															
<b>7435</b>															
03S/14W-11J02S	1397C	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	
03S/14W-27C01S	761	0.00	0.00	23.31	16.15	18.85	4.80	2.66	2.28	19.98	27.55	34.69	39.10	189.37	
PARTY TOTALS:		<b>0.00</b>	<b>0.00</b>	<b>23.31</b>	<b>16.15</b>	<b>18.85</b>	<b>4.80</b>	<b>2.66</b>	<b>2.28</b>	<b>19.98</b>	<b>27.55</b>	<b>34.69</b>	<b>39.10</b>	<b>189.37</b>	

PRODUCTION - WEST COAST BASIN															
State Well Number	Owner No.	2007						2008						TOTAL	
		JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN		
<b><u>Los Angeles County Sanitn Dist 2</u></b>															
<b>7440</b>															
04S/13W-30C01S	819	14.59	13.71	12.91	14.08	14.43	15.21	14.49	13.93	16.34	15.39	15.93	15.44	176.45	
PARTY TOTALS:		<b>14.59</b>	<b>13.71</b>	<b>12.91</b>	<b>14.08</b>	<b>14.43</b>	<b>15.21</b>	<b>14.49</b>	<b>13.93</b>	<b>16.34</b>	<b>15.39</b>	<b>15.93</b>	<b>15.44</b>	<b>176.45</b>	
<b><u>Lomita, City of Water System</u></b>															
<b>7450</b>															
04S/14W-35E07S	5	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	
PARTY TOTALS:		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	
<b><u>Manhattan Beach, City of</u></b>															
<b>7490</b>															
03S/14W-29C03S	15	38.70	28.88	66.11	92.61	38.76	40.31	1.53	0.00	95.42	89.78	73.34	82.78	648.22	
03S/14W-29D05S	11A	75.57	172.63	0.02	0.00	0.00	0.00	0.13	0.19	22.28	50.79	8.42	5.41	335.44	
PARTY TOTALS:		<b>114.27</b>	<b>201.51</b>	<b>66.13</b>	<b>92.61</b>	<b>38.76</b>	<b>40.31</b>	<b>1.66</b>	<b>0.19</b>	<b>117.70</b>	<b>140.57</b>	<b>81.76</b>	<b>88.19</b>	<b>983.66</b>	
<b><u>Mobil Oil Corp</u></b>															
<b>7510</b>															
	EW-6	2.71	2.36	0.00	0.00	0.00	15.27	16.87	15.29	16.13	15.97	0.00	0.00	84.60	
04S/14W-02F01S	EW-5	18.98	19.80	17.55	19.70	17.92	15.27	16.87	15.29	16.14	15.97	1.93	1.47	176.89	
04S/14W-02L01S	EW-2	23.31	22.10	20.68	19.70	17.92	15.27	16.87	15.30	16.14	15.98	28.18	14.53	225.98	
04S/14W-02L02S	EW-3	8.40	14.60	16.08	19.70	17.92	15.27	16.87	15.29	16.14	15.98	24.42	11.52	192.19	
04S/14W-02L03S	EW-4	14.97	15.56	16.70	19.70	17.92	15.27	16.87	15.29	16.14	15.97	17.45	5.79	187.63	
04S/14W-02M04S	EW-1	20.23	22.78	23.89	19.70	17.92	15.27	16.87	15.30	16.14	15.98	22.26	4.46	210.80	
04S/14W-03L07S	T0007	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	
04S/14W-03M01S	T0006	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	
09S/09W-99R99S	72D-19	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	
PARTY TOTALS:		<b>88.60</b>	<b>97.20</b>	<b>94.90</b>	<b>98.50</b>	<b>89.60</b>	<b>91.62</b>	<b>101.22</b>	<b>91.76</b>	<b>96.83</b>	<b>95.85</b>	<b>94.24</b>	<b>37.77</b>	<b>1,078.09</b>	

PRODUCTION - WEST COAST BASIN															
State Well Number	Owner No.	2007					2008					TOTAL			
		JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR		MAY	JUN	
<b><u>Mobil Oil Corp (Oil Recovery)</u></b>															
<b>7511</b>															
04S/14W-02F01S	EW-5	4.64	4.16	2.08	3.94	3.58	3.05	3.37	3.05	3.23	3.19	0.27	0.12	34.68	
04S/14W-02L01S	EW-2	5.70	4.64	2.45	3.94	3.58	3.06	3.38	3.06	3.23	3.20	4.02	1.11	41.37	
04S/14W-02L02S	EW-3	2.05	3.07	1.92	3.94	3.58	3.05	3.37	3.06	3.23	3.20	3.49	0.88	34.84	
04S/14W-02L03S	EW-4	3.66	3.27	1.98	3.94	3.58	3.05	3.37	3.06	3.23	3.19	2.49	0.44	35.26	
04S/14W-02M01S	RW-1	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	
04S/14W-02M02S	RW-2	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	
04S/14W-02M03S	RW-3	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	
04S/14W-02M04S	EW-1	4.95	4.78	2.83	3.94	3.58	3.06	3.38	3.07	3.23	3.20	3.18	0.34	39.54	
	EW-6	0.66	0.50	0.00	0.00	0.02	3.05	3.37	3.05	3.22	3.19	0.00	0.00	17.06	
PARTY TOTALS:		<b>21.66</b>	<b>20.42</b>	<b>11.26</b>	<b>19.70</b>	<b>17.92</b>	<b>18.32</b>	<b>20.24</b>	<b>18.35</b>	<b>19.37</b>	<b>19.17</b>	<b>13.45</b>	<b>2.89</b>	<b>202.75</b>	
<b><u>Myron Z. Chlavin and Nettie Desser</u></b>															
<b>7533</b>															
04S/13W-15Q01S	878H	0.19	0.11	0.21	0.07	0.17	0.00	0.01	0.00	0.00	0.18	0.09	0.29	1.32	
PARTY TOTALS:		<b>0.19</b>	<b>0.11</b>	<b>0.21</b>	<b>0.07</b>	<b>0.17</b>	<b>0.00</b>	<b>0.01</b>	<b>0.00</b>	<b>0.00</b>	<b>0.18</b>	<b>0.09</b>	<b>0.29</b>	<b>1.32</b>	
<b><u>Pacific Crest Cemetery Co</u></b>															
<b>7580</b>															
03S/14W-33E01S	743	9.89	9.03	5.45	5.36	2.42	2.05	2.11	3.13	7.41	6.87	8.25	11.29	73.26	
PARTY TOTALS:		<b>9.89</b>	<b>9.03</b>	<b>5.45</b>	<b>5.36</b>	<b>2.42</b>	<b>2.05</b>	<b>2.11</b>	<b>3.13</b>	<b>7.41</b>	<b>6.87</b>	<b>8.25</b>	<b>11.29</b>	<b>73.26</b>	
<b><u>Rhodia, Inc</u></b>															
<b>7623</b>															
04S/13W-10C02S	D001A	5.96	0.01	0.00	0.00	0.00	0.06	7.21	18.45	13.95	30.64	32.48	30.50	139.26	
PARTY TOTALS:		<b>5.96</b>	<b>0.01</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.06</b>	<b>7.21</b>	<b>18.45</b>	<b>13.95</b>	<b>30.64</b>	<b>32.48</b>	<b>30.50</b>	<b>139.26</b>	

PRODUCTION - WEST COAST BASIN														
State Well Number	Owner No.	2007					2008					TOTAL		
		JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR		MAY	JUN
<b><u>Roman Catholic Archbishop of L A</u></b>														
<b>7659</b>														
02S/14W-18J01S	AA	2.64	31.12	31.17	11.52	0.00	2.38	0.01	4.75	20.01	29.31	37.74	40.05	210.70
02S/14W-18Q01S	HOLYX	0.62	0.48	0.04	0.24	0.19	0.05	0.01	0.02	0.31	0.37	0.03	0.15	2.51
02S/14W-18Q02S	HOLY1	23.85	10.92	0.01	5.77	15.88	1.60	0.15	2.68	1.18	3.83	1.94	2.39	70.20
PARTY TOTALS:		<b>27.11</b>	<b>42.52</b>	<b>31.22</b>	<b>17.53</b>	<b>16.07</b>	<b>4.03</b>	<b>0.17</b>	<b>7.45</b>	<b>21.50</b>	<b>33.51</b>	<b>39.71</b>	<b>42.59</b>	<b>283.41</b>
<b><u>Southern California Edison Co</u></b>														
<b>7720</b>														
03S/14W-34B02S	FRESA	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
03S/14W-34N04S	SCECO	4.81	3.24	0.90	3.17	1.28	1.22	0.78	1.57	3.17	4.59	2.15	5.50	32.38
04S/13W-14A07S	MORR1	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
04S/13W-27A02S	HANSN	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
PARTY TOTALS:		<b>4.81</b>	<b>3.24</b>	<b>0.90</b>	<b>3.17</b>	<b>1.28</b>	<b>1.22</b>	<b>0.78</b>	<b>1.57</b>	<b>3.17</b>	<b>4.59</b>	<b>2.15</b>	<b>5.50</b>	<b>32.38</b>
<b><u>Tesoro Refining and Marketing Co</u></b>														
<b>7807</b>														
04S/13W-09D01S	DR-7	0.05	0.05	0.08	0.07	0.07	0.01	0.08	0.08	0.05	0.10	0.11	0.07	0.82
04S/13W-09P01S	DR-18	0.05	0.05	0.08	0.07	0.07	0.01	0.08	0.08	0.05	0.10	0.11	0.07	0.82
04S/13W-10E05S	R-122	3.26	3.97	3.90	4.17	3.70	3.81	3.90	3.86	3.50	3.27	3.33	4.98	45.65
04S/13W-10E06S	R-123	3.26	3.97	3.90	4.17	3.70	3.81	3.90	3.86	3.50	3.27	3.33	4.98	45.65
04S/13W-10E07S	DD-3	3.26	3.97	3.90	4.17	3.70	3.81	3.90	3.86	3.50	3.27	3.33	0.07	40.74
04S/13W-22F02S	HA001	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
04S/13W-22F07S	SRP12	0.00	0.00	4.14	0.00	36.49	36.88	35.26	37.02	37.86	37.11	40.37	40.44	305.57
04S/13W-27M05S	SHE09	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
04S/13W-27N06S	SHE12	158.38	174.49	170.53	169.92	229.21	283.32	291.82	213.50	220.83	188.19	148.14	147.48	2,395.81
04S/13W-34F07S	SHE11	215.46	219.57	197.24	216.08	205.89	206.61	214.24	195.02	210.59	202.72	203.42	195.79	2,482.63
PARTY TOTALS:		<b>383.72</b>	<b>406.07</b>	<b>383.77</b>	<b>398.65</b>	<b>482.83</b>	<b>538.26</b>	<b>553.18</b>	<b>457.28</b>	<b>479.88</b>	<b>438.03</b>	<b>402.14</b>	<b>393.88</b>	<b>5,317.69</b>

PRODUCTION - WEST COAST BASIN															
State Well Number	Owner No.	2007						2008						TOTAL	
		JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN		
<b><u>Torrance, City of</u></b>															
<b>7850</b>															
03S/14W-34C02S	6	138.83	125.13	120.94	132.73	126.49	124.47	123.47	116.71	125.86	119.75	118.17	114.28	1,486.83	
04S/14W-09A01S	MAD-2	222.76	178.60	101.83	1.09	1.20	2.35	61.29	216.67	168.68	183.19	199.87	218.79	1,556.32	
04S/14W-14K01S	7	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	
04S/14W-16E02S	SEPULV#2	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	
PARTY TOTALS:		<b>361.59</b>	<b>303.73</b>	<b>222.77</b>	<b>133.82</b>	<b>127.69</b>	<b>126.82</b>	<b>184.76</b>	<b>333.38</b>	<b>294.54</b>	<b>302.94</b>	<b>318.04</b>	<b>333.07</b>	<b>3,043.15</b>	
<b><u>Vukelich, Mike Jr.</u></b>															
<b>7913</b>															
04S/13W-19J06S	829M	4.13	3.78	3.58	3.70	2.43	1.53	0.17	3.50	6.13	5.77	6.01	4.11	44.84	
PARTY TOTALS:		<b>4.13</b>	<b>3.78</b>	<b>3.58</b>	<b>3.70</b>	<b>2.43</b>	<b>1.53</b>	<b>0.17</b>	<b>3.50</b>	<b>6.13</b>	<b>5.77</b>	<b>6.01</b>	<b>4.11</b>	<b>44.84</b>	
		<b>3440.1</b>	<b>3,776.13</b>	<b>3,362.25</b>	<b>3,084.93</b>	<b>2,746.85</b>	<b>3,057.36</b>	<b>2,790.57</b>	<b>2,800.39</b>	<b>3,361.83</b>	<b>3,458.58</b>	<b>3,565.24</b>	<b>3,259.45</b>	<b>38,703.68</b>	

PRODUCTION - WEST COAST BASIN - SMALL PRODUCERS															
State Well Number	Owner No.	2007						2008						TOTAL	
		JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN		
<b><u>Carson Auto, Inc</u></b>															
<b>7058</b>															
04S/13W-15K05S	1	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	
PARTY TOTALS:		<b>0.00</b>													

**APPENDIX D. CHANGE IN WELL STATUS**

Party	Recordation Number	State Well No.	Owner Designation
<b><u>New Wells</u></b>			
ConocoPhillips Company (Completed in November 2007)	1910033	04S13W21J003S	5
<b><u>Destroyed Wells</u></b>			
Inglewood Park Cemetery (Destroyed in August 2006 but received in 2008)	1909835	02S14W27N002S	21
	1909886	02S14W27N003S	22

