

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

WATERMASTER SERVICE
in the
WEST COAST BASIN
Los Angeles County

July 1, 2004 - June 30, 2005

September 2005

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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State of California
DEPARTMENT OF WATER RESOURCES
770 Fairmont Avenue, Suite 102
Glendale, CA 91203-1035

This Report is available online at:
www.sd.water.ca.gov

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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 2004-2005 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 2004-2005 was 77,335 acre-feet, of which 41,485 acre-feet of Adjudicated Right was extracted and 12,001 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 wishes to acknowledge and express appreciation for 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 Deputy Watermaster

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(Bound at back of report)

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3 Active Wells in West Coast Basin

STATE OF CALIFORNIA
Arnold Schwarzenegger, Governor

THE RESOURCES AGENCY
Mike Chrisman, Secretary for Resources

DEPARTMENT OF WATER RESOURCES
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Assistant Director Legislative Affairs

Nancy Saracino
Chief Counsel

Susan Sims-Teixeira
Assistant Director Public Affairs

Peter S. Garris
Deputy Director

Stephen Verigin
Deputy Director

Vernon T. Glover
Deputy Director

Gerald E. Johns
Deputy Director

Division of Planning and Local Assistance

Mark W. Cowin
Chief

Southern District

Mark Stuart
Chief, and Deputy Watermaster

Bob Pierotti
Chief, Resources Assessment Branch

This report was prepared by

Milan Cernosek, P. E. Senior Engineer, Water Resources

With assistance from

Ruben M. Martinez.....Water Resources Technician II
Leonard C. L. Nagler, P. E..... Senior Engineer, Water Resources (Retired)
Diane Sanchez.....W.R. Engineering Associate (Spec.)
Bettye Whiteside..... Staff Services Analyst

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 Basin's groundwater resource.

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 2004-2005 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.

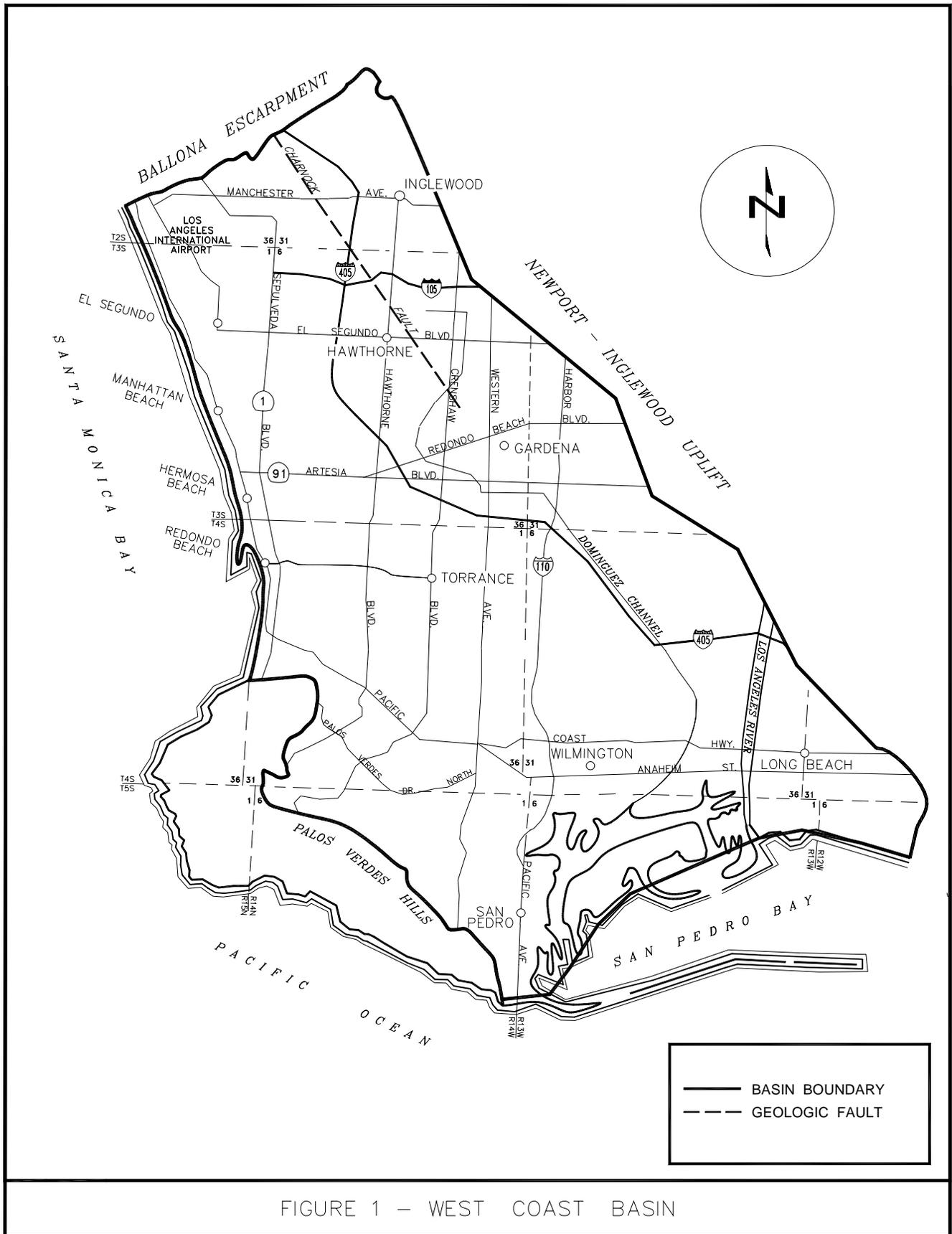


FIGURE 1 – WEST COAST BASIN

II. SUMMARY OF WATER CONDITIONS AND OPERATIONS

All information is for fiscal year 2004-2005 except where noted.

Precipitation

The mean precipitation over the West Coast Basin was 28.64 inches, which is 225 percent of long-term mean of 12.73 inches.

Groundwater Level Elevations

Groundwater level elevations were generally higher in spring 2005 than in spring of 2004.

Water Quality

Mean 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	130	89	57
Sulfate	37	249	53
Hardness (as CaCO ₃)	230	294	122
TDS	500	625	267

Wells

There are 63 active extraction wells, 48 inactive extraction wells, 247 injection wells, and 514 observation wells.

Spreading Operations

Los Angeles County Department of Public Works spread 209,212 acre-feet in the Montebello Forebay. The amount of water spread this year was 226.6 percent more than the amount spread in 2003-2004.

Extractions

Parties extracted 41,485 acre-feet of Adjudicated Rights. The average annual extraction during 1979-1980 through 2004-2005 is about 55,000 acre-feet.

Overextractions

Three parties extracted groundwater in excess of their allocations. The combined total overextraction was 122.60 acre-feet. (Table 1).

Imported Water

Parties imported 212,864 acre-feet. California-American Water Company a Nonparty, pumped and imported 2,228 acre-feet from Central Basin and imported 1,384 acre-feet from West Basin MWD.

Exported Water

Southern California Water Company exported groundwater to portions of its service area the Palos Verdes Hills.

In-lieu Replenishment

The City of Los Angeles participated in the in-lieu program totaling 1,803.60 acre-feet (Table 9).

Water Use

The total amount of water (including recycled) used in the area overlying the basin was 3.2 percent less than the amount used in 2003-2004.

Water Rights

There were no requests for exchange pool water.

There were 12 water right leases totaling 8,372.50 acre-feet.

There was one permanent transfer of water right ownership and one merger. Southern California Water Company purchased 242.60 acre-feet Adjudicated Rights from Western Water Service Company. Therefore, 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.

Los Angeles County Alondra Park merged with Los Angeles County Chester L. Washington Golf Course under the new name Los Angeles County Recreation Facilities.

One party (Desser Enterprises) with zero Adjudicated Rights leased 12.10 acre-feet and extracted 2.45 acre-feet.

Oil Recovery and Basin Cleanup

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

Mobil Oil Corporation (Oil Recovery) pumped 347.11 acre-feet this year as part of a hydrocarbon clean-up program.

California Water Service Company (Dominguez) did not pump this year as part of the West Basin Desalter Project (Brewer Desalter).

WRD extracted 2,497.05 acre-feet at its Goldsworthy Desalter. Chloride concentrations of the extracted water exceeded 1,000 ppm, which is within the criteria prescribed by the Court.

Watermaster Income, Expenditures, and Budget

Watermaster income was \$221,895 and expenditures were \$221,450. (Table 3)

The tentative budget of \$220,000 was mailed on May 5, 2004, and it became the final on June 1, 2004. (Table 12)

The State eliminated all General Funds for Watermaster Services statewide. Water right holders are now required to pay 100 percent of the cost of Watermaster Service. Because of this change, parties were billed in two installments. The first installment was mailed June 2, 2004; the second installment was mailed November 30, 2004.

Summary of pertinent data for fiscal years 2003-2004 and 2004-2005.

Item	Fiscal year 2003-2004	Fiscal year 2004-2005
Active pumpers	24	23
Active nonparties	0	0
Adjudicated Rights, in acre-feet	64,468.25	64,468.25
Watermaster expenses, total	\$207,082	\$221,450
Watermaster expenses, per Adjudicated Right	\$3.21	\$3.44
Rainfall, in inches	8.61	28.64
Injection at barrier projects, in acre-feet (including recycled water)	24,131	19,810
Extractions, in acre-feet*	49,342.77	44,329.14
Imports, in acre-feet**	216,778	212,864
Recycled water, in acre-feet	24,554	24,065
Exports, in acre-feet	0	0
Total water use (by parties), in acre-feet	290,675	281,258
* Includes water pumped for oil recovery production by Mobil Oil Corporation and Desalter production by California Water Service Company (Dominguez) and WRD Goldsworthy Desalter.		
** Includes barrier imports by Los Angeles County Department of Public Works.		

Tables 1 and 2 and Figure 2 summarize and illustrate the Basin's operations for the fiscal year 2004-2005. 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 (2) - (3)	(5) Allowable Overextraction **
City of Inglewood	4,449.89	5,396.26	5461.95	-65.69	444.99
Los Angeles County Sanitation District 2	102.00	122.40	123.40	-1.00	10.20
Pacific Crest Cemetery Co.	39.40	-4.37	51.54	-55.91 ***	3.94
Total				-122.60	
* 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, leased 23.60 acre-feet in 2004-2005.					

TABLE 2. ADJUDICATED RIGHT ACCOUNTING, 2004-2005 (acre-feet)

Party	Sales * 2004-05	Adjudicated Right 2004-05	Carryover from 2003-04	Leases *		Allow able Extraction (1) thru (5)	Amount Pumped	In-Lieu	Balance	Allow able Carryover into 2005-2006		
				With Flex	Without Flex					Drought	Normal	Total
A B C Nursery, Inc		24.10	11.82			35.92	19.91		16.01		4.82	4.82
Allied-Signal, Inc (Torrance)		22.50	4.50			27.00	0.00		27.00		4.50	4.50
American Plant Grow ers, Inc		10.00	5.67	32.00		47.67	39.52		8.15		8.15	8.15
Asahi Fancy Koi, Inc		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			6,370.80	4,559.98		1,810.82		1,061.80	1,061.80
Automation Industries, Inc		0.70	5.40			6.10	0.00		6.10	3.40	2.00	5.40
Black, Dana		11.80	2.36	-11.80		2.36	0.00		2.36		2.00	2.00
CBS, Inc.		9.50	2.00			11.50	0.00		11.50		2.00	2.00
California Water Service Co		4,070.00	671.11	-820.00	-100.00	3,821.11	2,454.17		1,366.94		650.00	650.00
California Water Service Co (Dominguez)		10,417.45	1,948.96			12,366.41	3,438.14		8,928.27		2,083.49	2,083.49
California Water Service Co/Haw thorne Lease		0.00	373.82	1,882.00		2,255.82	539.30		1,716.52		376.40	376.40
Carson-Harbor Village Mobile Home Park		8.20	2.00			10.20	0.00		10.20		2.00	2.00
Carson-Madrona Co		104.00	20.80			124.80	0.00		124.80		20.80	20.80
Century Builders		4.70	2.00			6.70	0.00		6.70		2.00	2.00
Chandler Palos Verdes Sand & Gravel Co		294.20	-3.61	-32.00		258.59	242.67		15.92		15.92	15.92
Chevron USA, Inc		4,601.30	140.00	-3,901.30		840.00	0.00		840.00		140.00	140.00
Churchill Dow ns California Co		282.00	0.00	-282.00		0.00	0.00		0.00		0.00	0.00
Coastline Church of Christ		0.70	5.40			6.10	0.00		6.10	3.40	2.00	5.40
Conocophillips Co.		6,170.00	2,021.78			8,191.78	3,644.57		4,547.21	787.78	1,234.00	2,021.78
Curtis, Ow en W		0.36	4.72			5.08	0.00		5.08	2.72	2.00	4.72
Delaney, Golda, Estate of		4.10	12.20			16.30	0.00		16.30	10.20	2.00	12.20
Desser Enterprises		0.00	2.42	12.10		14.52	2.45		12.07		2.42	2.42
El Segundo, City of		953.00	190.60			1,143.60	0.00		1,143.60		190.60	190.60
Engelsma, Susan Trust		12.10	0.00	-12.10		0.00	0.00		0.00		0.00	0.00
Evergreen American Corp		5.40	2.00			7.40	0.00		7.40		2.00	2.00
Fujimoto, Samuel R + Steven T + Jon K		20.00	16.28			36.28	10.12		26.16	12.28	4.00	16.28
Gillingham, Florence R, et al		2.40	2.00			4.40	0.00		4.40		2.00	2.00
Haw thorne, City of		1,882.00	0.00	-1,882.00		0.00	0.00		0.00		0.00	0.00
Hillside Memorial Park		92.30	-99.53		100.00	92.77	81.46		11.31		11.31	11.31
Honold, Kristin Brandsma		11.80	2.36	-11.80		2.36	0.00		2.36		2.00	2.00
Hughes Aircraft Co		0.00	0.00			0.00	0.00		0.00		0.00	0.00
Inglew ood, City of		4,449.89	664.37	282.00		5,396.26	5,461.95		-65.69		-65.69	-65.69
Inglew ood Park Cemetery		0.00	2.00			2.00	0.00		2.00		2.00	2.00
Kinder Morgan Liquids Terminals, LLC		167.00	33.40			200.40	0.00		200.40		33.40	33.40
Leuzinger, Emma L, Estate of		1.40	6.50			7.90	0.00		7.90	4.50	2.00	6.50

TABLE 2. ADJUDICATED RIGHT ACCOUNTING, 2004-2005 (acre-feet)

Party	Sales * 2004-05	Adjudicated Right 2004-05	Carryover from 2003-04	Leases *		Allowable Extraction (1) thru (5)	Amount Pumped	In-Lieu	Balance	Allowable Carryover into 2005-2006		
				With Flex	Without Flex					Drought	Normal	Total
Lomita, City of Water System		1,352.00	270.40			1,622.40	0.00		1,622.40		270.40	270.40
Long Beach, City of		0.70	2.00			2.70	0.00		2.70		2.00	2.00
Lopes, Frank		3.70	11.40			15.10	0.00		15.10	9.40	2.00	11.40
Los Angeles, City of		1,503.00	300.60			1,803.60	0.00	1,803.60	0.00		0.00	0.00
Los Angeles County Alondra Park	-67.70	0.00	0.00			0.00	0.00		0.00		0.00	0.00 a/
Los Angeles County Recreation Facilities	363.70	363.70	72.74			436.44	89.92		346.52		72.74	72.74 a/
Los Angeles County Sanitation District 2		102.00	20.40			122.40	123.40		-1.00		-1.00	-1.00
Los Angeles County Chester Washington GC	-296.00	0.00	0.00			0.00	0.00		0.00		0.00	0.00 a/
Loyola Marymount University		48.10	9.62			57.72	0.00		57.72		9.62	9.62
Manhattan Beach, City of		1,131.20	57.22			1,188.42	1,079.13		109.29		109.29	109.29
Mayflower Nurseries		0.00	1.95			1.95	0.00		1.95		1.95	1.95
McDonnell Douglas Corp		1.70	2.00			3.70	0.00		3.70		2.00	2.00
Mobil Oil Corp		2,596.40	549.71			3,146.11	1,059.69		2,086.42	30.43	519.28	549.71
Mori, Roy H and Kenji		3.60	11.20			14.80	0.00		14.80	9.20	2.00	11.20
Northrop Corp		38.15	7.63			45.78	0.00		45.78		7.63	7.63
Nozaki, Sumikichi		7.00	2.00			9.00	0.00		9.00		2.00	2.00
Pacific Crest Cemetery Co		39.40	-67.37	23.60		-4.37	51.54		-55.91		-55.91	-55.91
Palos Verdes Begonia Farm		0.00	7.40			7.40	0.00		7.40	7.40	0.00	7.40
Rehor, Josephine P		2.20	2.00			4.20	0.00		4.20		2.00	2.00
Rhodia, Inc		521.00	104.20			625.20	448.87		176.33		104.20	104.20
Rolling Hills Vista		0.00	2.00			2.00	0.00		2.00		2.00	2.00
Roman Catholic Archbishop of Los Angeles		72.30	3.36	300.00		375.66	279.21		96.45		74.46	74.46
Shell Oil Co		1,019.50	2.08	-1,019.50		2.08	0.00		2.08	0.08	2.00	2.08
Shell Oil Products US		3,432.00	959.55	1,839.50		6,231.05	5,278.20		952.85		952.85	952.85
Southern California Edison Co		57.10	17.64			74.74	46.54		28.20	6.22	11.42	17.64
Southern California Water Co	242.60	7,502.24	2,307.19	3,651.30		13,460.73	11,416.11		2,044.62	3.39	2,041.23	2,044.62
Torrance, City of		5,638.86	1,037.77	-300.00		6,376.63	1,118.13		5,258.50		1,067.77	1,067.77
Watson Land Co		80.20	16.04			96.24	0.00		96.24		16.04	16.04
Watt Industrial Properties		0.10	3.00			3.10	0.00		3.10	1.00	2.00	3.00
Western Water Service Co	-242.60	0.00	0.00	250.00		250.00	0.00		250.00		50.00	50.00 b/
Wiseburn School District		8.20	2.00			10.20	0.00		10.20		2.00	2.00
Zeigler, Maxwell T		0.00	2.00			2.00	0.00		2.00		2.00	2.00
West Coast Basin Total	0.00	64,468.25	12,867.06	0.00	0.00	77,335.31	41,484.98	1,803.60	34,046.73	923.60	11,077.89	12,001.49

* See Table 14 and Appendix B for information concerning leases, transfer of water right entitlements or prior ownership. Includes lease with flex where applicable.

a/ Merged: L. A. County Alondra Park with L. A. County Chester Golf Course under new name "Los Angeles County Recreation Facilities"

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

Non-parties													
Carson Auto, Inc							0.00						
Exempt													
Atlantic Richfield Co (Oil Recovery)							0.00						
California Water Service Co (Brew er Desalter)							0.00						
Mobil Oil Corp (Oil Recovery)						347.11	347.11						
Water Replenishment District (Goldsw orthy Desalter)						2,497.05	2,497.05						
						Total Pumped	44,329.14						

TABLE 3. FY 2004-2005 INCOME AND EXPENDITURES

<u>Income</u>	
<u>Item</u>	<u>Parties</u>
From 2004-2005 billing	\$220,000
Balance from 2003-2004	988
From budget penalties	907
Total income	\$221,895
<u>Expenditures</u>	
Budget and Billing	7,062.47
Annual Report	37,380.02
Production and Posting	12,340.92
Basic Data (lease, Parties)	37,695.04
Meter Testing, Inspection and Investigation	26,348.32
Engineering Assistance	54,236.59
Exchange Pool	855.28
Equipment and Maintenance	9,227.97
Training	1,781.00
Water Level Measurement and Calculations	33,197.69
Engineering Conjunctive Use	1,324.32
Total Expenditures	221,449.62
Balance	\$445 *

* Carryover or deficit to parties in 2005-2006 fiscal year, subject to delayed charges or credits.

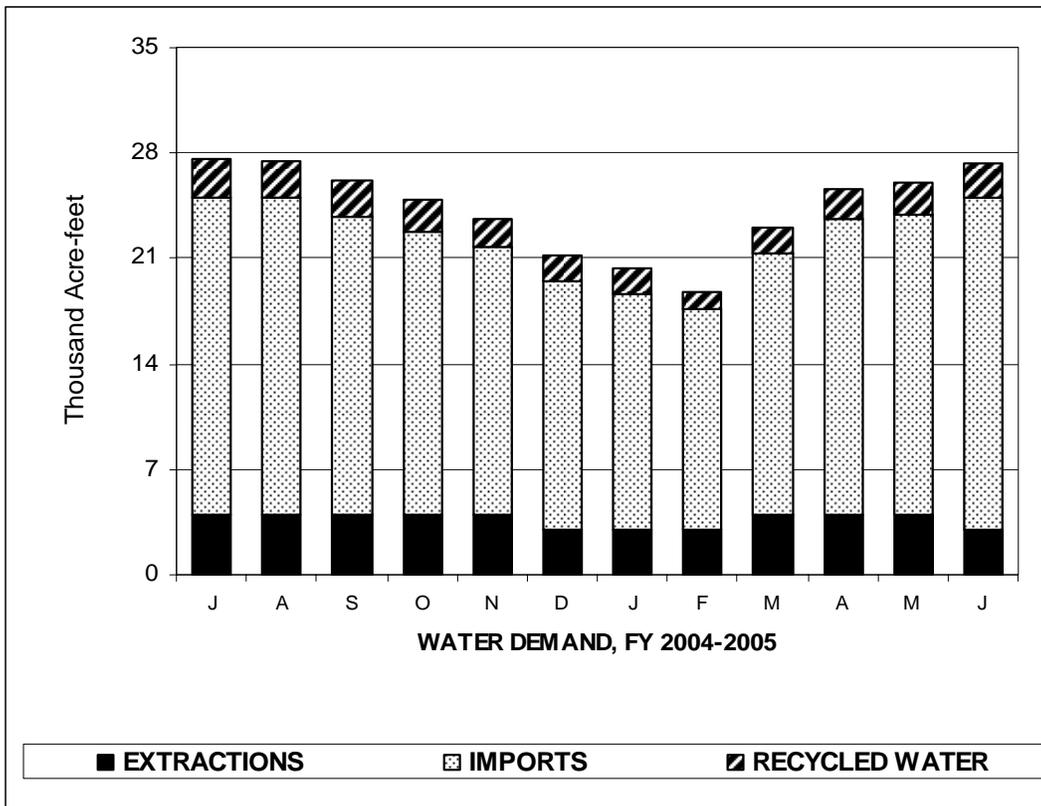
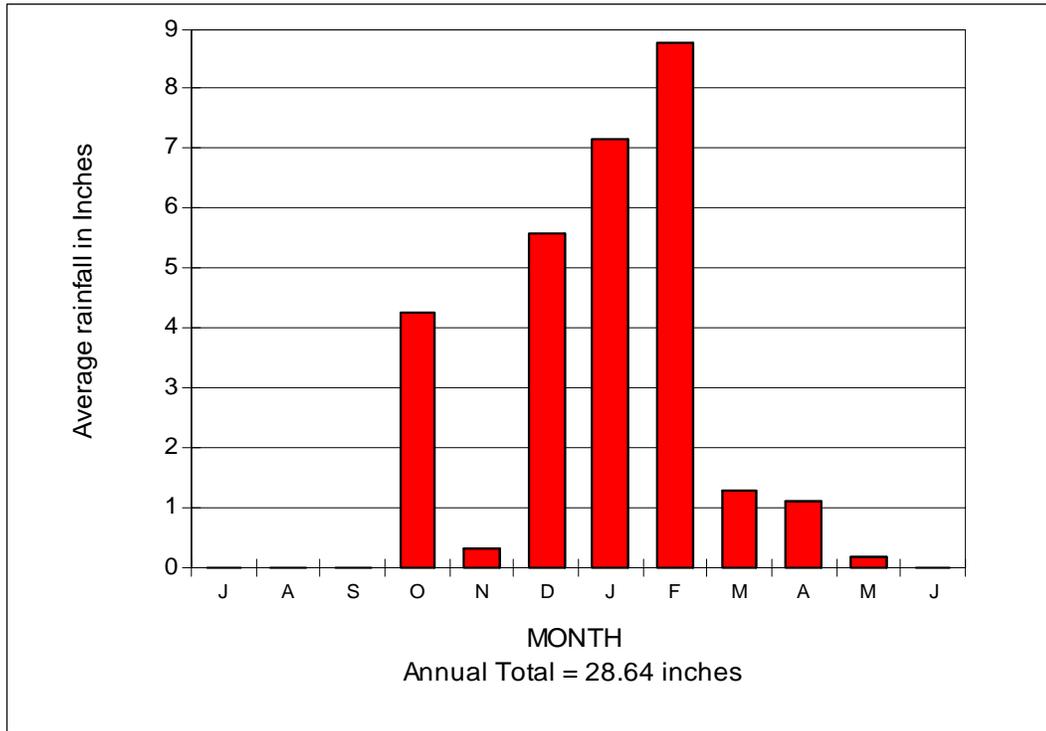


Figure 2 - MONTHLY BASIN RAINFALL AND WATER DEMAND

III. DETAILS OF WATER USE AND OPERATIONS

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

Operations

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Table 5 - Barrier Operations (p. 15)

Precipitation

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Exchange Pool

Table 6 - Exchange Pool Offers 2004-2005 (p. 17)

Table 7 - Exchange Pool Requests (p. 17)

Water Use

Table 8 - Extractions by Nonparties and Parties with Zero Adjudicated Rights (p. 18)

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Figure 4 - Pattern of Groundwater Production for 2004-2005 (p. 18)

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Groundwater

Figure 5 - Lines of Equal Water Level Elevation, Silverado Aquifer, Fall 2004 (p. 22)

Figure 6 - Lines of Equal Water Level Elevation, Silverado Aquifer, Spring 2005 (p. 23)

- Figure 7 - Areas of Water Level Change, Spring 2004 to Spring 2005 (p. 24)
- Figure 8 - Fluctuations of Water Level Elevations at Wells in Upper Pleistocene and Recent Aquifers (p. 29)
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- Plate 3 - Active Wells in West Coast Basin

Budget

- Table 12 - Approved Budget (p. 25)
- Table 13 - Apportionment of Parties' Share of Budget (p. 26)

Water Rights

- Table 14 - Transfers of Adjudicated Rights (p. 2)

Meter Testing Program

This year, 36 meter tests were performed, including several retests. One meter was 27 percent fast and one inoperative. Watermaster scheduled all meters to be tested every two years.

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

TABLE 4. REPENISHMENT OPERATIONS *
In acre-feet

Water Source	Quantity	
	2003-2004	2004-2005
Local runoff	36,128	152,991
Recycled water:		
Whittier Narrows WRP	5,970	6,837
San Jose WRP	27,494	21,236
Pomona WRP	2,355	2,315
MWD water purchased by WRD.	20,369	25,833
Make-up water from Upper San Gabriel Basin	_____	_____
Total	92,316	209,212
* 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	8,507	7,069
Recycled	4,234	---
Number of injection wells	153	94
Number of injection wells constructed during 2005 fiscal year	0	0
Number of observation wells	302	212
Number of observation wells constructed during 2005 fiscal year	0	0
*Provisional data provided by the Los Angeles County Department of Public Works.		

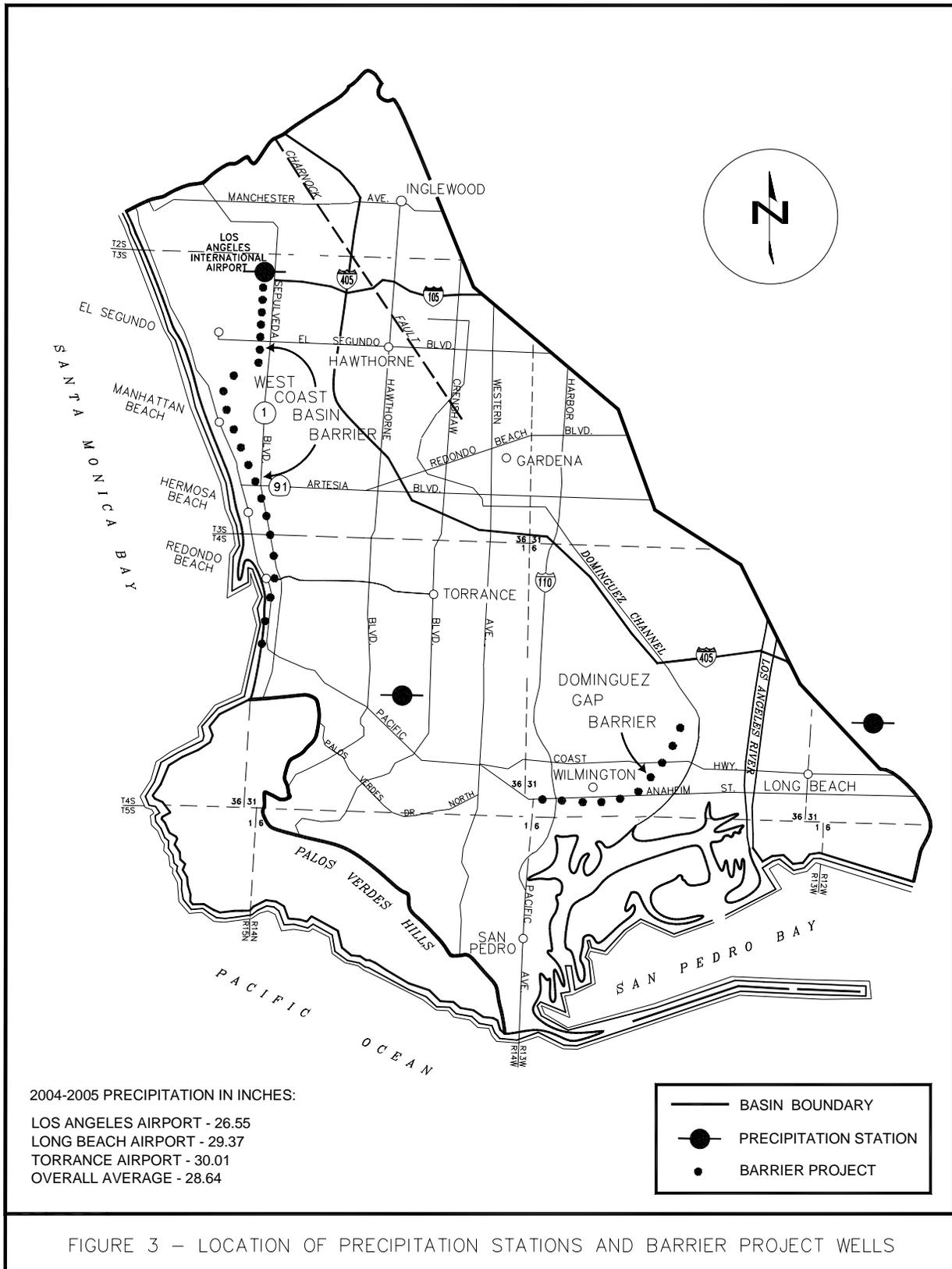


TABLE 6. EXCHANGE POOL OFFERS 2004-2005

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

TABLE 7. EXCHANGE POOL REQUESTS

Party	Amount of Water Received, in acre-feet	Cost of Exchange Water
None		

TABLE 8. EXTRACTIONS BY NONPARTIES AND PARTIES
WITH ZERO ADJUDICATED RIGHTS

Pumper	State Well Number	Amount Pumped in acrefeet
<u>Nonparties</u>		
Carson Auto, Inc	04S13W15K005S	0.00
Total		0.00
<u>Parties with Zero Adjudicated Rights</u>		
Desser Enterprises	04S13W15Q001S	4.20 *
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		4.20
* Party leased rights sufficient to cover extractions.		

TABLE 9. WATER REPLENISHMENT DISTRICT IN-LIEU PROGRAM
In acre-feet

Party	In-Lieu Amount Reserved
Los Angeles, City of	1,803.60

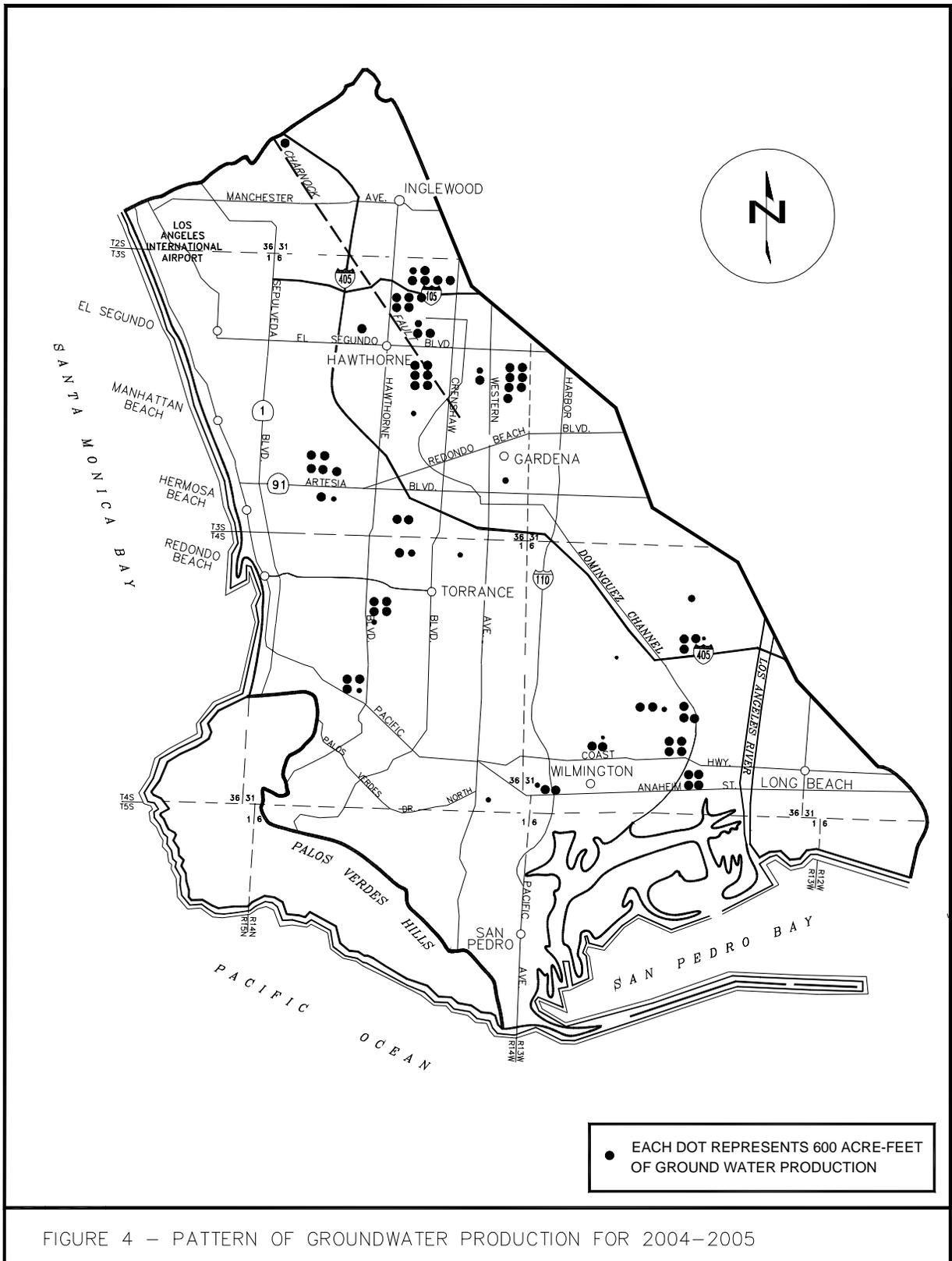


FIGURE 4 – PATTERN OF GROUNDWATER PRODUCTION FOR 2004–2005

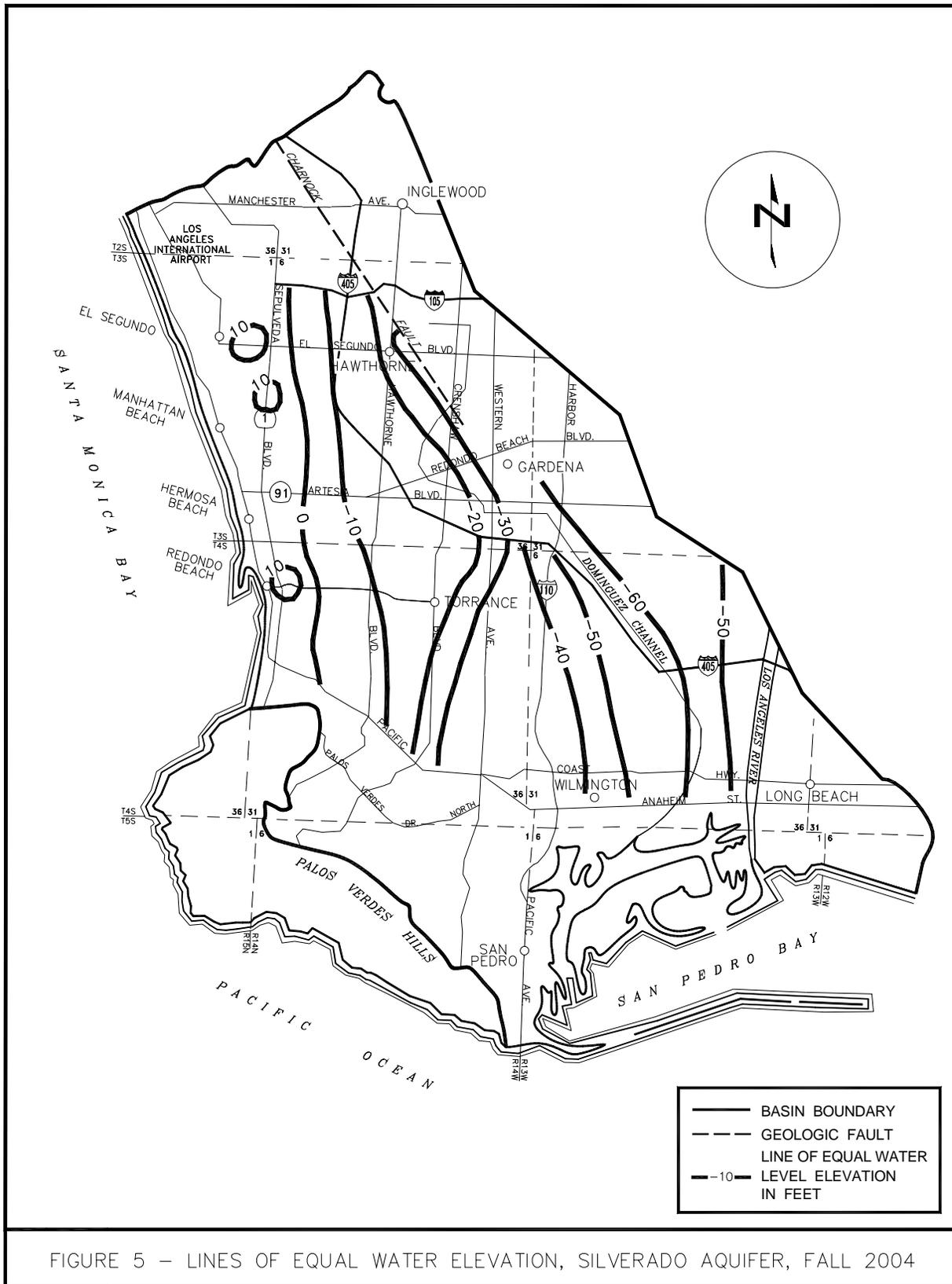
TABLE 10. IMPORTED WATER AND RECYCLED WATER *

Source of water	Water Purveyor	Quantity in acre-feet	
		2003-2004	2004-2005
<u>Imported Water</u>			
Colorado River and State Water Project	Long Beach, City of **	43,080	47,565
Colorado River and State Water Project	West Basin Municipal Water District:		
	California Water Service Co.(Hermosa/Redondo)***	13,696	12,888
	California Water Service Co. (Dominguez)###	27,836	29,379
	El Segundo, City of	8,320	8,492
	Hawthorne, City of (California Water Service Co Lease)	4,863	4,527
	Inglewood, City of	6,912	6,290
	Lomita, City of	2,813	2,676
	Los Angeles County Department of Public Works #	15,769	11,400
	Los Angeles County Waterworks District No. 29 ##	--	--
	Manhattan Beach, City of	5,670	5,620
	Southern California Water Co.	27,555	28,942
	West Basin MWD Subtotal	113,434	110,214
Colorado River and State Water Project	Torrance, City of	20,517	20,046
Owens River-Mono Basin, Colorado River, and State Water Project	Los Angeles, City of	39,747	35,039
	Total Imported Water	<u>216,778</u>	<u>212,864</u>
<u>Recycled Water</u>			
	West Basin Municipal Water District:		
	California Water Service Co.	144	107
	California Water Service Co. (Hawthorne Lease)	112	111
	California Water Service Co. (Dominguez)	3,639	3,616
	El Segundo, City of	8,310	7,868
	Inglewood, City of	638	595
	Inglewood Unified School District	67	60
	Los Angeles Department of Water and Power	394	283
	Manhattan Beach, City of	301	274
	Southern California Water Co.	433	435
	Torrance, City of	6,581	6,917
	Water Replenishment District #	3,935	3,799
	Total Recycled Water	<u>24,554</u>	<u>24,065</u>
* Does not include nonparty imports.			
** Includes water sold to WRD for the Los 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 19,371 AF is excluded.			
# West Coast Basin and Dominguez Gap Barrier Projects.			
## Not in Watermaster Service area.2004-2005 imported 9,748 AF is excluded.			
### Small portion of imported water is exported to Central Basin.			

TABLE 11. GROSS WATER USE
In acre-feet

Party	Total Extractions	Purchased Supply		Recycled Water	Total Water Use
		Imported*	Within Basin**		
A B C Nursery, Inc.	19.91				19.91
Allied-Signal, Inc (Torrance)	0.00				0.00
American Plant Growers, Inc.	39.52				39.52
Asahi Fancy Koi, Inc.	0.00				0.00
Atlantic Richfield Company	4,559.98		9,830.47		14,390.45
Black, Dana	0.00				0.00
CBS, Inc.	0.00				0.00
California-American Water Co. (nonparty)	0.00	2,228.07			2,228.07
California Water Service Company (Excludes Palos Verdes imports.)	2,454.17	12,888.30		106.89	15,449.36
California Water Service (Hawthorne Lease)	539.30	4,526.80		110.64	5,176.74
California Water Service Company (Dominguez)	3,438.14	29,378.90		3,615.50	36,432.54
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	242.67				242.67
Chevron U S A, Inc.	0.00				0.00
Coastline Church of Christ	0.00				0.00
Conocophillips Company	3,644.57		6,657.66		10,302.23
Curtis, Owen W.	0.00				0.00
Delaney, Golda, Estate of	0.00				0.00
Desser Enterprises	2.45				2.45
El Segundo, City of	0.00	8,491.91		7,868.41	16,360.32
Englesma, Susan Trust	0.00				0.00
Evergreen American Corporation	0.00				0.00
Fujimoto, SR, ST, JK	10.12				10.12
Gillingham, Florence R. et al	0.00				0.00
Hillside Memorial Park	81.46		50.00 E		131.46
Honold, Kristin Brandsma	0.00				0.00
Hughes Aircraft Company	0.00				0.00
Inglewood, City of	5,461.95	6,289.50		594.53	12,345.98
Inglewood Park Cemetery	0.00				0.00
Kinder Morgan Liquids Terminals, LLC	0.00				0.00
Leuzinger, Emma L., Estate of	0.00				0.00
Lomita, City of Water System	0.13	2,676.40			2,676.53
Long Beach, City of	0.00	47,565.20			47,565.20
Lopes, Frank	0.00				0.00
Los Angeles, City of Department of Water and Power	0.00	35,039.00		283.31	35,322.31
Los Angeles County Recreation Facilities	89.92				89.92
Los Angeles County Sanitation Dist 2	123.40		505.14		628.54
Los Angeles County Waterworks Dist 29	0.00	9,748.00			9,748.00
Loyola Marymount University	0.00				0.00
Manhattan Beach, City of	1,079.13	5,619.50		273.63	6,972.26
Mayflower Nurseries	0.00				0.00
McDonnell Douglas Corporation	0.00				0.00
Mobil Oil Corporation	1,059.69				1,059.69
Mori, Roy H and Kenji	0.00				0.00
Northrop Corporation	0.00				0.00
Nozaki, Sumikichi	0.00				0.00
Pacific Crest Cemetery Company	51.54				51.54
Palos Verdes Begonia Farm	0.00				0.00
Rehor, Josephine P	0.00				0.00
Rhodia, Inc.	448.87		382.60		831.47
Rolling Hills Vista	0.00				0.00
Roman Catholic Archbishop of LA	279.21				279.21
Shell Products, USA	5,278.20		277.20		5,555.40
Signal Hill, City of (nonparty)	0.00				0.00
Southern California Edison Co.	46.54				46.54
Southern California Water Co.	11,416.11	28,941.90		434.84	40,792.85
Torrance, City of	1,118.13	20,045.50		6,919.91	28,083.54
Torrance, City of (Mobil)	0.00				0.00
Watson Land Company	0.00		50.00 E		50.00
Watt Industrial Properties	0.00				0.00
Western Water Service Company	0.00				0.00
Wiseburn School District	0.00				0.00
Zeigler, Maxwell T.	0.00				0.00
	41,485.11	213,438.98	17,753.07	20,207.66	292,884.82

* Import from MWD or member agency.
** Purchased from municipal, mutual, or public utility water agency.
E Estimated value



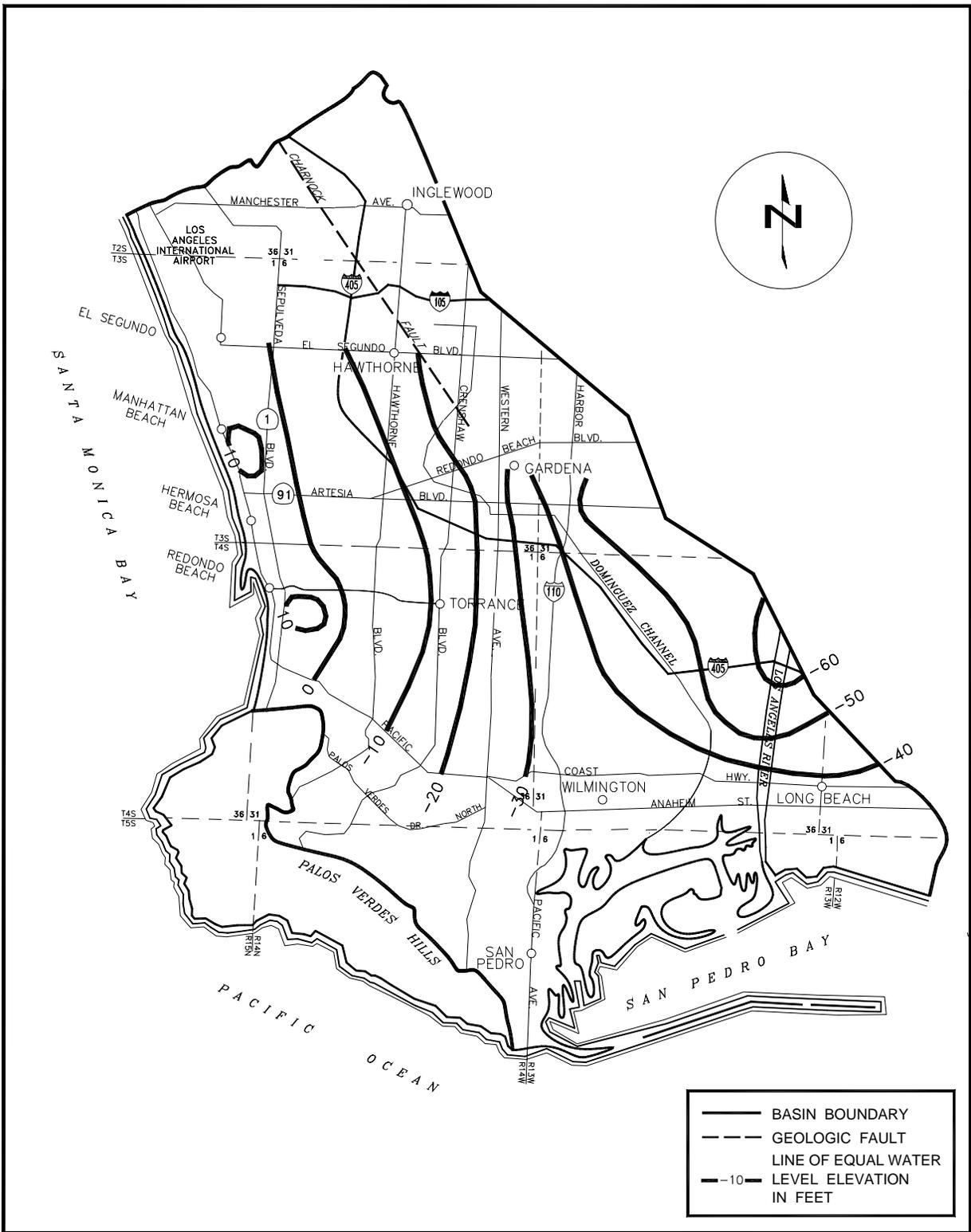


FIGURE 6 – LINES OF EQUAL WATER ELEVATION, SILVERADO AQUIFER, SPRING 2005

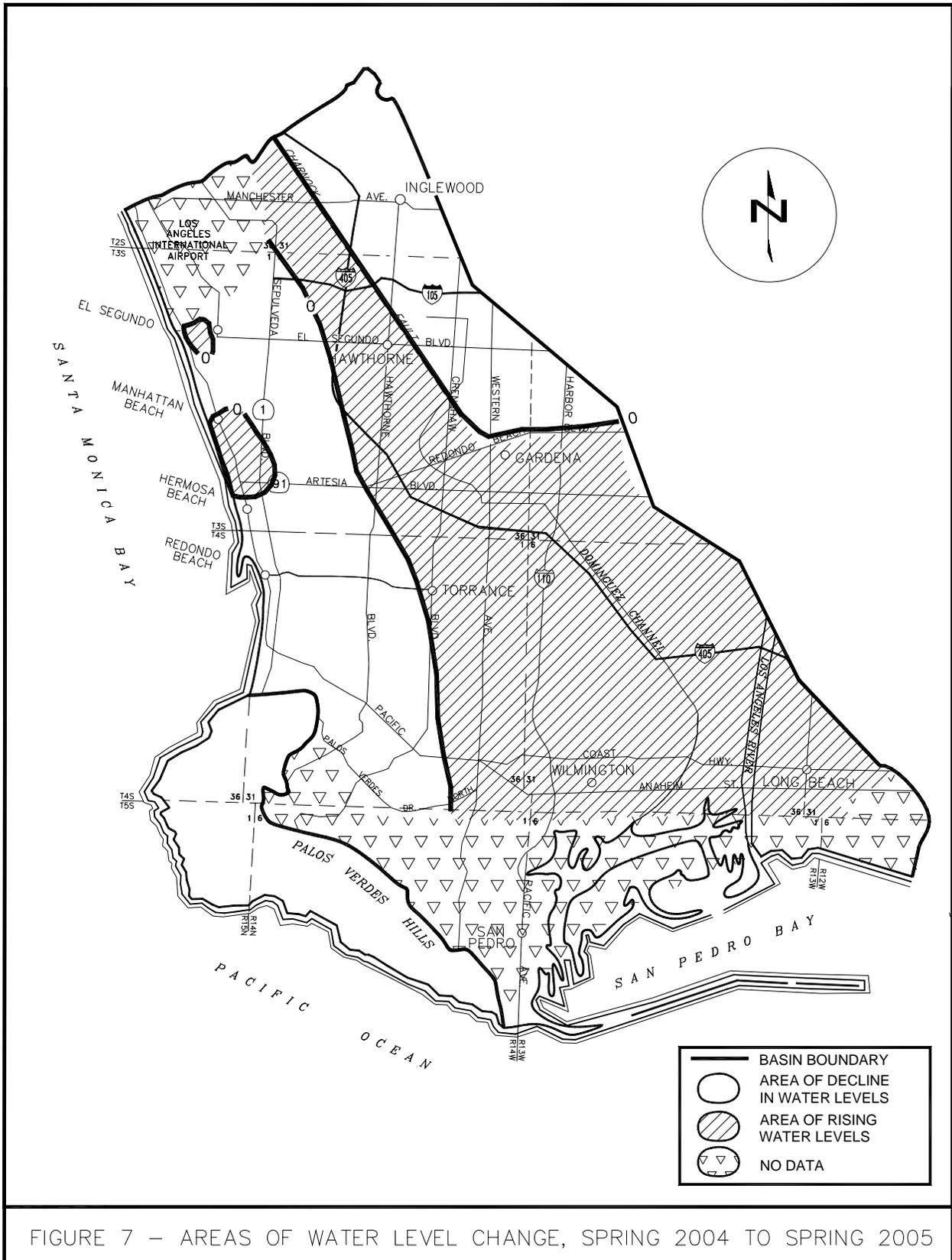


FIGURE 7 – AREAS OF WATER LEVEL CHANGE, SPRING 2004 TO SPRING 2005

TABLE 12. APPROVED BUDGET

Total budget payable by Parties	\$220,000.00
Estimated carryover from previous year (+) deficit, (-) credit	0.00
Total amount to be billed	\$220,000.00

TABLE 13. APPORTIONMENT OF PARTIES' SHARE OF BUDGET
WEST BASIN

PARTY	Adjudicated Right (acre-feet)	Apportionment Paid		
		First Installment	Second Installment	Total Amount Collected
A B C Nursery, Inc.	24.10	\$ 43.43 *	\$ 41.36	\$ 84.79
American Plant Growers	10.00	17.16	17.16	34.32
Atlantic Richfield Company	5,309.00	9,111.06	9,566.61 **	18,677.67
Black, Dana	11.80	20.25	20.25	40.50
California Water Service Company	4,070.00	6,984.74	6,984.75	13,969.49
CA. Water Service Company (Dominguez)	10,417.45	17,877.94	17,877.94	35,755.88
Chandler Palos Verdes San/Grav. Company	294.20	504.89	504.89	1,009.78
Chevron USA Inc.	4,601.30	7,896.54	7,896.53	15,793.07
Churchill Downs California Company	282.00	483.96	483.95	967.91
Conocophillips Company	6,170.00	10,588.67	10,588.66	21,177.33
El Segundo, City of	953.00	1,635.49	1,635.50	3,270.99
Engelsma, Susan Trust	12.10	20.77	20.76	41.53
Fujimoto, S.R. and S.T. and J.K.	20.00	34.32	34.33	68.65
California Water Service Company	1,882.00	3,229.80	3,229.80	6,459.60
Hawthorn, City of				
Hillside Memorial Park	92.30	158.40	158.40	316.80
Inglewood, City of	4,449.89	7,636.69	8,018.53 **	15,655.22
Kinder Morgan Liquid Terminals, LLC	167.00	286.60	300.93 **	587.53
Los Angeles, City of	1,503.00	2,579.38	2,579.38	5,158.76
Los Angeles County Alondra Park	67.70	116.18	116.19	232.37
Los Angeles County Sanitn Dist. 2	102.00	175.05	175.05	350.10
Lomita, City of Water System	1,352.00	2,320.24	2,320.24	4,640.48
LA County, Chester Washington Golf	296.00	507.98	507.98	1,015.96
Manhattan Beach, City of	1,131.20	1,941.31	1,941.32	3,882.63
Mobil Oil Corporation	2,596.40	4,455.82	4,455.82	8,911.64
Pacific Crest Cemetery Company	39.40	71.00	67.61	138.61
Rhodia Incorporated	521.00	894.12	938.82 **	1,832.94
Roman Catholic Archbishop of LA	72.30	124.08	124.08	248.16
Shell Oil Company	1,019.50	1,749.62	1,749.62	3,499.24
Shell Oil Products US	3,432.00	5,889.84	5,889.84	11,779.68
Southern California Edison Company	57.10	97.99	102.89 **	200.88
Southern California Water Company	7,259.64	12,458.65	12,458.66	24,917.31
Torrance, City of	5,638.86	9,677.15	9,677.15	19,354.30
Western Water Service Company	242.60	416.34	416.34	832.68
TOTALS	64,096.84	\$ 110,005.46	\$ 110,901.34	\$ 220,906.80
* A total of \$5.45 was collected in late fees for the first installment.				
** A total of \$901.32 was collected in late fees for the second installment				

TABLE 14. TRANSFERS OF ADJUDICATED RIGHTS

Party	Transaction *	Amount in acre-feet	Date	Party
AMERICAN PLANT GROWERS, INC	LEASE WITH FLEX	32.00	06/29/05	FROM CHANDLER PALOS VRDES SAND/GRAV CO
BLACK, DANA BRANDSMA	LEASE WITH FLEX	-11.80	05/09/05	TO PACIFIC CREST CEMETERY CO
CALIFORNIA WATER SERVICE CO	LEASE	-100.00	05/19/05	TO HILLSIDE MEMORIAL PARK
	LEASE WITH FLEX	-820.00	06/29/05	TO SHELL OIL PRODUCTS US
CA WTR SERVICE CO/HAWTHORNE LEASE	LEASE WITH FLEX	1,882.00	07/03/04	FROM HAWTHORNE, CITY OF <u>a/</u>
CHANDLER PALOS VRDES SAND/GRAV CO	LEASE WITH FLEX	-32.00	06/29/05	TO AMERICAN PLANT GROWERS, INC
CHEVRON U S A, INC	LEASE WITH FLEX	-3,651.30	07/03/04	TO SOUTHERN CALIFORNIA WATER CO <u>b/</u>
	LEASE WITH FLEX	-250.00	07/03/04	TO WESTERN WATER SERVICE CO <u>c/</u>
CHURCHILL DOWNS CALIFORNIA CO	LEASE WITH FLEX	-282.00	06/30/05	TO INGLEWOOD, CITY OF
DESSER ENTERPRISES	LEASE WITH FLEX	12.10	07/03/04	FROM SUSAN ENGELSMA TRUST <u>d/</u>
SUSAN ENGELSMA TRUST	LEASE WITH FLEX	-12.10	07/03/04	TO DESSER ENTERPRISES <u>d/</u>
HAWTHORNE, CITY OF	LEASE WITH FLEX	-1,882.00	07/03/04	TO CA WTR SERVICE CO/HAWTHORNE LEASE <u>a/</u>
HILLSIDE MEMORIAL PARK	LEASE	100.00	05/19/05	FROM CALIFORNIA WATER SERVICE CO
HONOLD, KRISTIN BRANDSMA	LEASE WITH FLEX	-11.80	05/09/05	TO PACIFIC CREST CEMETERY CO
INGLEWOOD, CITY OF	LEASE WITH FLEX	282.00	06/30/05	FROM CHURCHILL DOWNS CALIFORNIA CO
LOS ANGELES COUNTY ALONDRA PARK	SOLD	-67.70	06/30/05	TO LOS ANGELES COUNTY RECREATION FAC
LOS ANGELES COUNTY RECREATION FAC	PURCHASED	67.70	06/30/05	FROM LOS ANGELES COUNTY ALONDRA PARK
	PURCHASED	296.00	06/30/05	FROM LA COUNTY CHESTER WASHINGTON GOLF
LA COUNTY CHESTER WASHINGTON GOLF	SOLD	-296.00	06/30/05	TO LOS ANGELES COUNTY RECREATION FAC
PACIFIC CREST CEMETERY CO	LEASE WITH FLEX	11.80	05/09/05	FROM BLACK, DANA BRANDSMA
	LEASE WITH FLEX	11.80	05/09/05	FROM HONOLD, KRISTIN BRANDSMA
ROMAN CATHOLIC ARCHBISHOP OF L A	LEASE WITH FLEX	300.00	03/07/05	FROM TORRANCE, CITY OF
SHELL OIL CO	LEASE WITH FLEX	-1,019.50	06/08/05	TO SHELL OIL PRODUCTS US
SHELL OIL PRODUCTS US	LEASE WITH FLEX	1,019.50	06/08/05	FROM SHELL OIL CO
	LEASE WITH FLEX	820.00	06/29/05	FROM CALIFORNIA WATER SERVICE CO
SOUTHERN CALIFORNIA WATER CO	PURCHASED	242.60	07/02/04	FROM WESTERN WATER SERVICE CO
	LEASE WITH FLEX	3,651.30	07/03/04	FROM CHEVRON U S A, INC <u>b/</u>

TABLE 14. TRANSFERS OF ADJUDICATED RIGHTS

Party	Transaction *	Amount In acre-feet	Date	Party
TORRANCE, CITY OF	LEASE WITH FLEX	-300.00	03/07/05 TO	ROMAN CATHOLIC ARCHBISHOP OF L A
WESTERN WATER SERVICE CO	SOLD	-242.60	07/02/04 TO	SOUTHERN CALIFORNIA WATER CO
	LEASE WITH FLEX	250.00	07/03/04 FROM	CHEVRON U S A, INC <u>c/</u>
Total		0.00		
* Lease with flex: carryover provisions included with lease.				
a/ Long-term lease, 1995-2010 (1,882.00 acre-feet)				
b/ Long-term lease, 1998-2013 (3,651.30 acre-feet)				
c/ Long-term lease, 1998-2013 (250.00 acre-feet)				
d/ Long-term lease, 1995-2005 (12.10 acre-feet)				

WATER LEVEL ELEVATION AT WELLS IN FEET - U. S. G. S. DATUM

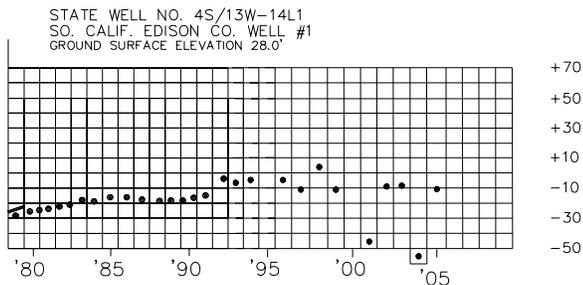
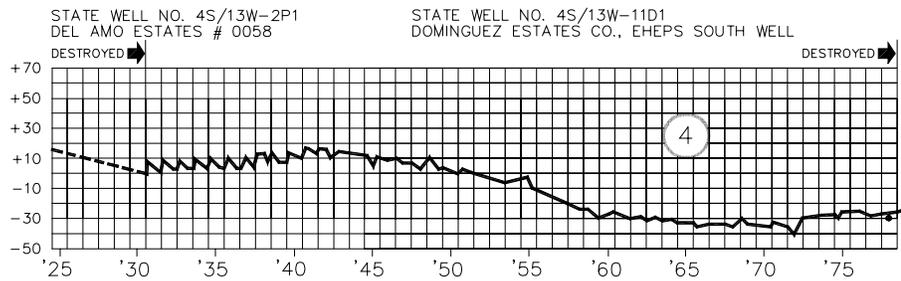
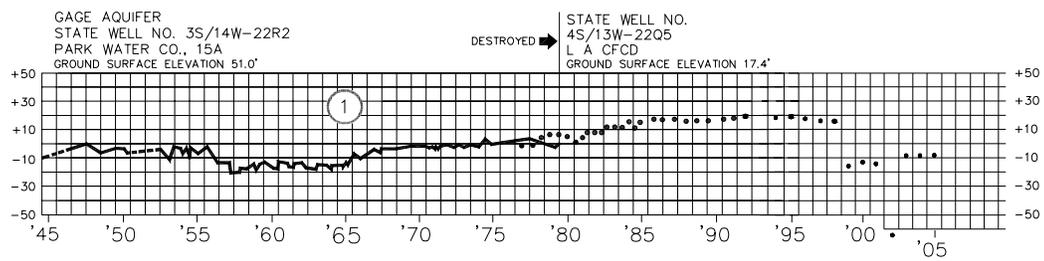


FIGURE 8 – FLUCTUATIONS OF WATER LEVEL ELEVATIONS AT WELLS IN UPPER PLEISTOCENE AND RECENT AQUIFERS

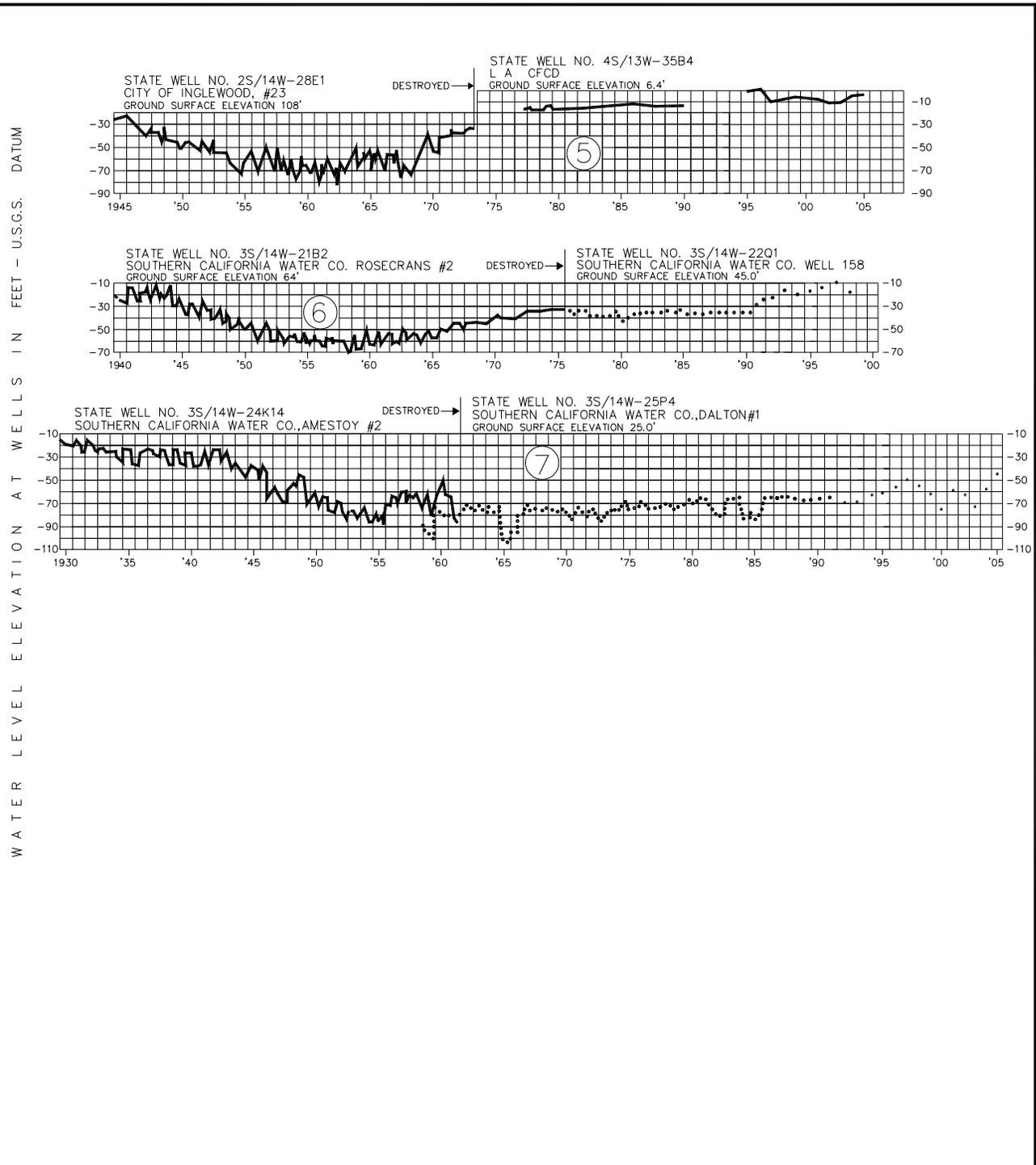
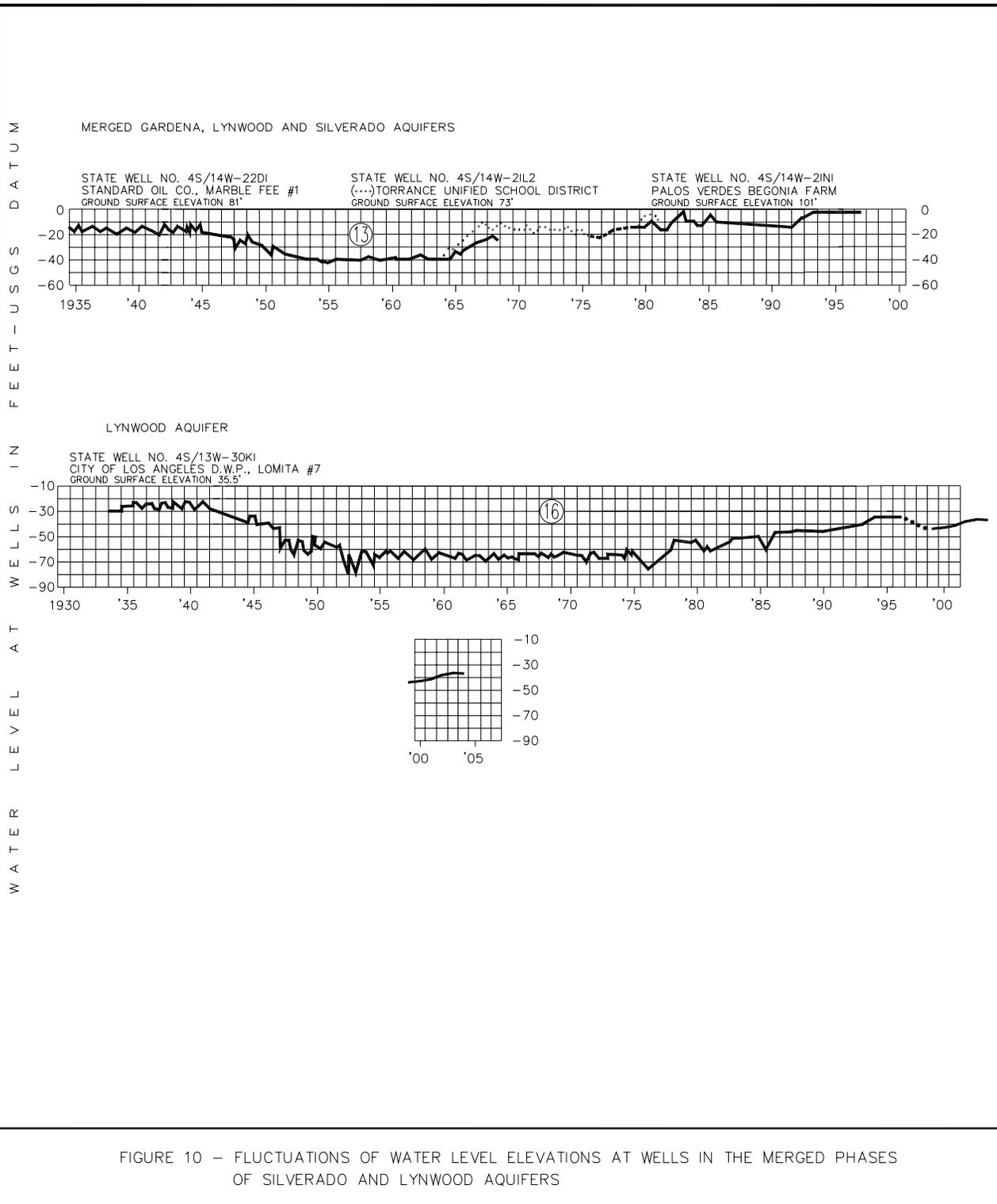


FIGURE 9 – FLUCTUATIONS OF WATER LEVEL ELEVATIONS AT WELLS IN THE SILVERADO AQUIFER



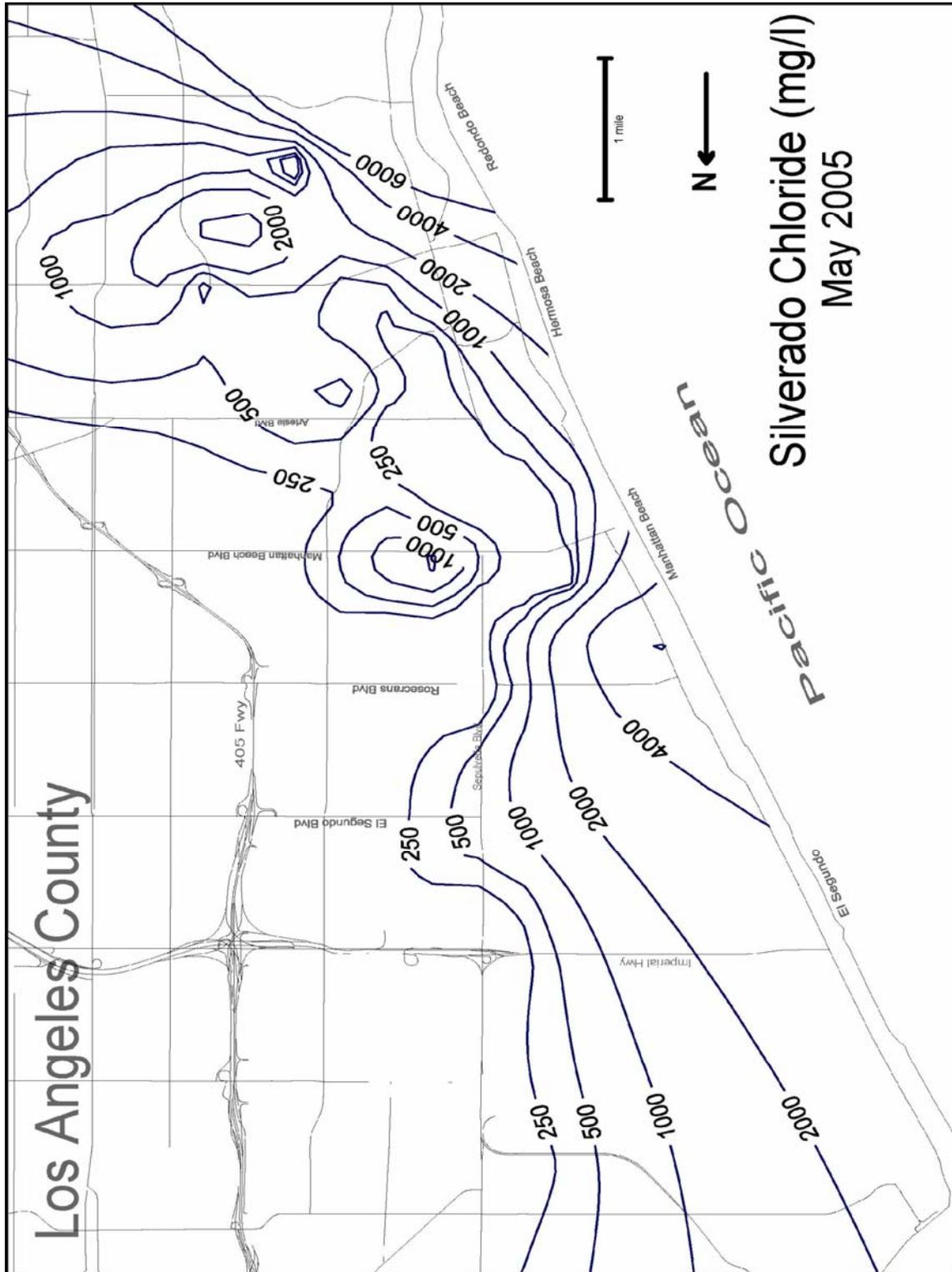


Figure 11 – CHLORIDE LEVELS
(Figure from L. A. County Department of Public Works)

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 wells 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 Hughes Aircraft Company became 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 production provisions remained at 10 percent or 2 acre-feet of Adjudicated Right, whichever is greater. The over production has to made up the following year.

The Judgment was amended on August 30, 2001, to allow the Water Replenishment District to extract up to 3,300 acre-feet annually of saline water at its Goldsworthy Desalter wells without obtaining an Adjudicated Right, providing that the salinity of the water pumped exceeds 1,000 ppm chloride.

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 the amount pumped during the previous month, the total amount pumped thus far during the current fiscal year, and 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.

One time in the fall and once in the spring of each year the depth to the static groundwater level is measured in about 350 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 1965-66 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 in the West Coast Basin along Santa Monica Bay has been effectively halted by the West Coast Basin Barrier Project, which consists of a line of 153 injection wells that parallels the coastline from Los Angeles International Airport to the Palos Verdes Hills.

The Los Angeles County Department of Public Works (LACDPW), which operates the project, injects State Water Project water and Colorado River 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. The scope of the project is shown in Figure 11, which illustrates the extent to which sea water has intruded into the merged phases of the Silverado aquifer.

LACDPW is working with the West Basin Municipal Water District on the installation of a telemetry system at the West Coast Basin Barrier Project. The final design plans and specifications for the telemetry system have been completed. The construction can start as soon as the funding becomes available.

The pressure reduction vault located north of the barrier project was renovated in January 2005 by decommissioning the hydroelectric plant and replacing some of the deficient valves.

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, LACDWP added 12 observation wells and 33 injection wells at the Dominguez Gap Barrier, extending the barrier 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 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. The final adjustment of product water quality is in progress.

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 exceeds 1,000 ppm chloride.

Water Recycling Program

The West Basin Municipal Water District has constructed a water recycling (reclamation) plant in El Segundo. The plant will recycle 70,000 acre-feet per year of reclaimed water 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, artificial 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 within 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. Members of the Exchange Pool are referenced with an asterisk in Appendix B. Recipients of exchange water may pump the amounts released to them in addition to their Adjudicated Right. The amounts parties may release are limited by the Judgment.

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 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 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 or visit to the office, or at our website <http://www.dpla.water.ca.gov/sd/>.

Rights to Store Water

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 basin. The Superior

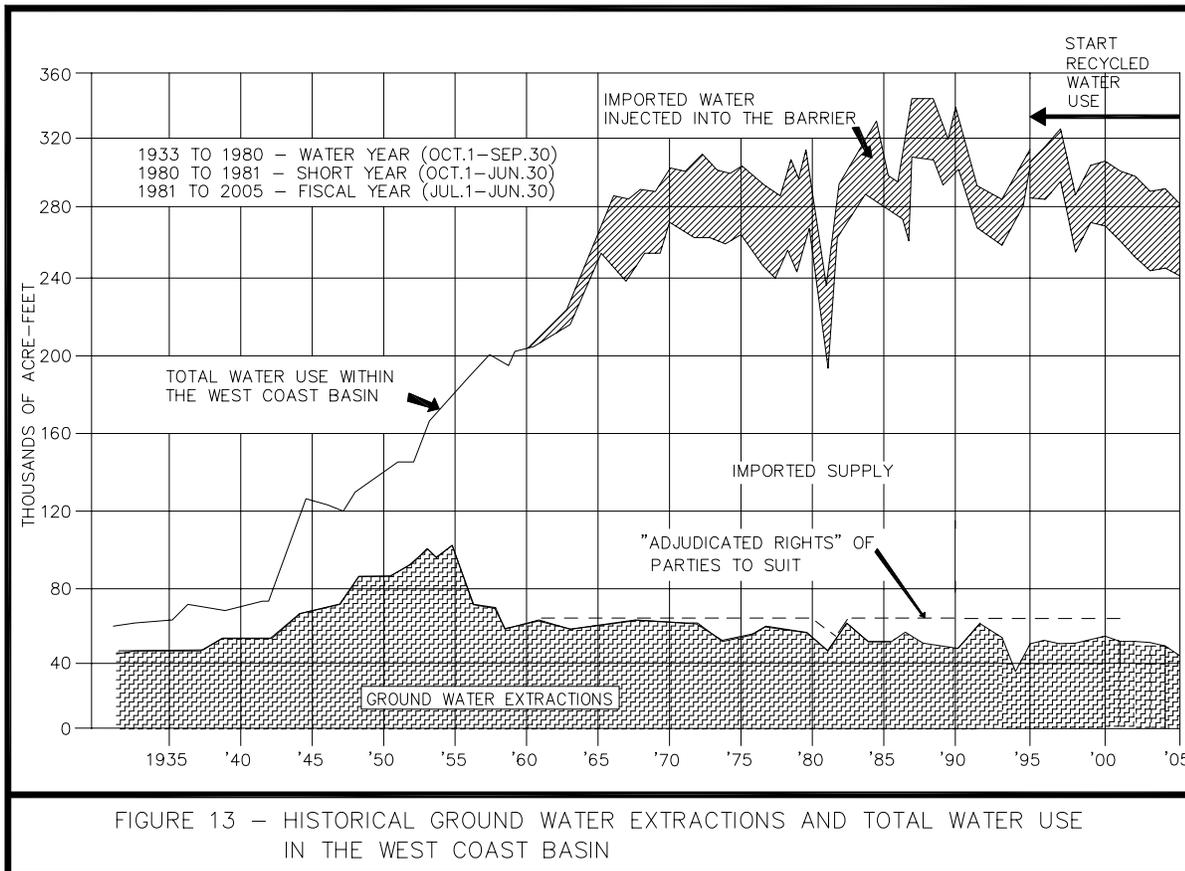
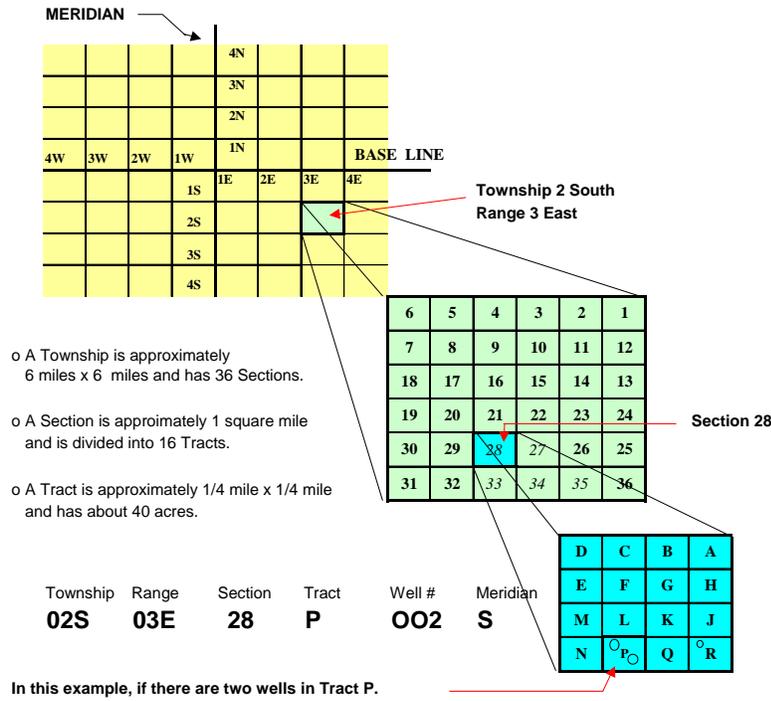
Court denied the petition, but the parties appealed. On June 12, 2003, the California Appeals Court released its opinion, which denied the proposed amendment.

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 was on July 24, 2003. Numerous meetings were held in 2003 and 2004. In late 2004 and early 2005, numerous offers and counter offers were exchanged. After numerous meetings of the Working Group and its committees, the Group held its last meeting on April 19, 2005.

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. The City of Compton signed a similar agreement with MWD for their storage project.

FIGURE 12 - STATE WELL NUMBER SYSTEM



APPENDIX B

ADJUDICATED RIGHTS OF WEST COAST BASIN PARTIES

Acknowledgement of Deed of Water Rights

Will be provided upon request.

Suggested Sample Documents for Transferring Water Rights 43

Succession of Adjudicated Rights in West Coast Basin 44

(Documents supporting yearly
leases not included in annual
report)

SUCCESSION OF ADJUDICATED RIGHTS IN WEST COASTS
SUCCESSION OF ADJUDICATED RIGHTS IN WEST COAST
BASIN-JUNE 2005 **BASIN-JUNE 2005**

COASTLINE CHURCH OF CHRIST		TOTAL		0.00
SUCCESSOR TO LERMENS, EVELYN	0.70	0.70	WING, NED ET AL	
COLLISTER, CAMERON			SUCCESSOR IN PART TO ISABEL J GRANZ	6.50
SUCCESSOR TO JOUGHIN TORRANCE	136.82		ESTATE	
RANCH			SOLD TO R A WATT, INC	-6.50
QUITCLAIMED TO NORMANDIE PARK	-136.82		TOTAL	0.00
TOTAL		0.00	LESH, LESLIE R AND ANDOR PASTERNAK, ET AL	
COLUMBIA BROADCASTING SYSTEM, INC			SUCCESSORS TO ALFRED D AND RUTH	3.50
(NOW KNOWN AS CBS INC)			SEABACK	
CONOCOPHILLIS COMPANY			SOLD TO STANLEY C LAGERLOF	-3.50
SUCCESSOR TO TOSCO CORPORATION	6,170.00	6,170.00	TOTAL	0.00
COST, EDWARD AND EMILY	7.40		FLETCHER OIL AND REFINING CO	86.30
SOLD TO BEN CLUFF DAIRY	-7.40		(FORMERLY FLETCHER OIL CO)	
TOTAL		0.00	SUCCESSOR TO FLETCHER, ROBERT G ET	3.70
CURTIS, OWEN W	3.80		AL	
SOLD TO SOUTHERN CALIFORNIA WATER	-3.44		SOLD TO WESTERN WATER CO	-90.00
CO			TOTAL	0.00
TOTAL		0.36	FLETCHER, ROBERT G, DANIEL S, AND WILFRED O	
DEL AMO ESTATE CO	121.00		SUCCESSOR TO FRED A JUNGQUIST	3.70
SOLD TO DOMINGUEZ WATER CORP	-121.00		SOLD TO FLETCHER OIL AND REFINING CO	-3.70
TOTAL		0.00	TOTAL	0.00
DELANEY, GOLDA, ESTATE OF			FUJIMOTO, SAMUEL R	
(FORMERLY ARTHUR J DELANEY)			(FORMERLY KNOWN AS FUJIMOTO, SAMUEL R AND RAYMOND S)	
SUCCESSOR TO BEGO CORP	4.10	4.10	SUCCESSOR IN PART TO H J AND DAISY	20.00
DENNIS, ESTHER M SHEETS			EARLY	
(FORMERLY ESTHER M SHEETS)	5.50		SOLD TO FUJIMOTO, SAMUEL R, STEVEN T	-20.00
SOLD TO TORRANCE, CITY OF	-5.50		AND JON T JOINT TENANTS	
TOTAL		0.00	TOTAL	0.00
DESSER ENTERPRISES			FUJIMOTO, SAMUEL R AND RAYMOND S	
SECOND WEST COAST BASIN JUDGMENT	0.00	0.00	(SEE FUJIMOTO, SAMUEL R	
DOMINGUEZ ESTATE CO	254.00		<u>FUJIMOTO, SAMUEL R, STEVEN T AND JON K, JOINT TENANTS</u>	
SOLD TO DOMINGUEZ WATER CORP	-254.00		SUCCESSOR TO FUJIMOTO, SAMUEL R	20.00
TOTAL		0.00	FULLILOVE, ROBERT L	1.00
DOMINGUEZ WATER CORP			SOLD TO STATE OF CALIFORNIA	-1.00
(NOW KNOWN AS DOMINGUEZ WATER CO)			TOTAL	0.00
DOMINGUEZ WATER CO	9,477.80		FUTURA INDUSTRIES, INC	
(FORMERLY KNOWN AS DOMINGUEZ WATER CORP)			SUCCESSOR TO SPANISH AMERICAN	44.40
SUCCESSOR TO CARSON ESTATE CO	130.00		INSTITUTE	
SUCCESSOR TO DEL AMO ESTATE CO	121.00		SOLD TO KAUFMAN, LEO AND SHELDON	-44.40
SUCCESSOR TO DOMINGUEZ ESTATE CO	254.00		BAER	
SUCCESSOR TO DON WILSON BUILDERS	32.60		TOTAL	0.00
SUCCESSOR TO HEYDENBECK, JEANETTE R	0.70		GARRETT CORP, THE	
SUCCESSOR TO NAKANO, KIKUNO, ET AL	19.30		SUCCESSOR TO SHINODA BROTHERS INC	22.50
SUCCESSOR IN PART TO H J EARLY	91.00		TRANSFERRED TO ALLIED-SIGNAL INC	-22.50
SUCCESSOR IN PART TO R A WATT, INC	61.85		(TORRANCE OFFICE)	
SOLD IN PART TO WATSON LAND CO	-37.60		TOTAL	0.00
SUCCESSOR TO THORPE, GREGORY	11.80		GATX TANK STORAGE TERMINALS CORP	
DOMINGUEZ WATER CO MERGED WITH AND	-10,162.45		SUCCESSOR TO PHILLIPS PETROLEUM CO	167.00
INTO CALIFORNIA WATER SERVICE CO,			SOLD TO KINDER MORGAN LIQUIDS	-167.00
WATERMASTER ACCOUNT KNOWN AS			TERMINALS, LLC.	
CALIFORNIA WATER SERVICE CO			TOTAL	0.00
(DOMINGUEZ)			GEORGIA-PACIFIC CORP	
TOTAL		0.00	SUCCESSOR TO COAST FOREST PRODUCTS	3.40
DON WILSON BUILDERS			SOLD TO INGLEWOOD, CITY OF	-3.40
SUCCESSORS TO KASUO, ISAMU, AND	32.60		TOTAL	0.00
YOSHIKI R KITA			GERAHUE LAND CO	
SOLD TO DOMINGUEZ WATER CORP	-32.60		SUCCESSOR AND ASSIGNEE FOR A S	11.90
TOTAL		0.00	JOHNSTON DRILL CO	
DOUGLAS AIRCRAFT CO, INC			ABANDONED WATER RIGHT	-11.90
(SEE MCDONNELL DOUGLAS CORP)			TOTAL	0.00
EARLY, H J AND DAISY	111.00		GILLINGHAM, FLORENCE R, ET AL	2.40
SOLD TO DOMINGUEZ WATER CORP	-91.00		GONZALES, FELIPE AND GABRIELA	2.40
SOLD TO SAMUEL R AND RAYMOND S	-20.00		(NOW KNOWN AS GONZALES, GABRIELA AND MARIA R)	
FUJIMOTO			GONZALES, GABRIELA AND MARIA R	
TOTAL		0.00	(FORMERLY GONZALES, FELIPE AND	34.30
EDISON SECURITIES CO			GABRIELA)	
(NOW KNOWN AS ASSOCIATED SOUTHERN INVESTMENT CO)			SOLD TO TORRANCE, CITY OF	-34.30
EL SEGUNDO, CITY OF	953.00	953.00	TOTAL	0.00
ENGELSMA, JAKE			GRAND LAND CO	
SUCCESSOR TO WILBUR HORNSTRA	14.10		SUCCESSOR IN PART TO SMITH, A H, ET AL	5.70
SOLD TO ASAH FANCY KOI, INC	-2.00		ABANDONED WATER RIGHTS 1961-62	-5.70
TRANSFERRED TO SUSAN ENGELSMA,	-12.10		TOTAL	0.00
TRUSTEE ET AL			GRANT, JOHN, ESTATE OF	59.00
TOTAL		0.00	APPORTIONED IN PART TO BLACK, DANA	-11.80
ENGELSMA, SUSAN: TRUSTEE OF THE SUSAN ENGELSMA TRUST			APPORTIONED IN PART TO BRANDSMA,	-11.80
TRANSFERRED FROM JAKE ENGLESMA	12.10	12.10	MAYNARD	
EQUILON ENTERPRISES, LLC			APPORTIONED IN PART TO HONOLD,	-11.80
SUCCESSOR TO TEXACO REFINING AND	3,432.00		KRISTIN BRANDSMA	
MARKETING, INC			APPORTIONED IN PART TO THORPE,	-11.80
SOLD TO SHELL OIL PRODUCTS US	-3,432.00		GREGORY	
TOTAL		0.00	APPORTIONED IN PART TO THORPE,	-11.80
ETCHEMENDY, CAROLINE, ESTATE OF	8.20		TERRENCE	
SOLD TO CARSON-HARBOR VILLAGE MOBILE	-8.20		TOTAL	0.00
HOME PARK			GRANZ, ISABELA J	380.00
TOTAL		0.00	PARTITIONED TO HEIRS:	
EVERGREEN AMERICA CORP			ISABELA J GRANZ ESTATE	-33.80
SUCCESSOR TO POTHOS CORP	5.40	5.40	JOUGHIN TORRANCE RANCH	-212.42
EWING, CARMELITA ROSECRANS	91.30		GEORGE R MURDOCK	-15.12
SOLD TO SOUTHERN CALIFORNIA WATER	-91.30		EMMA J OSBORN	-32.66
CO			SUBJECT TO LONG TERM LEASE TO:	-59.60

SUCCESSION OF ADJUDICATED RIGHTS IN WEST COASTS
SUCCESSION OF ADJUDICATED RIGHTS IN WEST COAST
BASIN-JUNE 2005 **BASIN-JUNE 2005**

STANDARD OIL CO OF CALIF		SOLD TO POTHOS CORP	-5.40	
SUPERIOR OIL CO	-26.40	TOTAL		0.00
TOTAL		INOSE, KENICHI	0.00	
GRANZ, ISABELA J, ESTATE OF		(NOW KNOWN AS INOSE ET AL)		
SUCCESSOR IN PART TO ISABELA J GRANZ	33.80	JENKINS, HARRY C		
SOLD IN PART TO RICHARD BARCLAY AND R	-13.55	SUCCESSOR TO H L PERRY	1.80	
A WATT		SOLD TO ABC NURSERY, INC	-1.80	
SOLD IN PART TO NED EWING, ET AL	-6.50	TOTAL		0.00
SOLD IN PART TO R A WATT, INC	-13.75	JOHNS-MANVILLE PRODUCTS CORP		
TOTAL		0.00 (SEE JOHNS-MANVILLE SALES CORP)		
HARRIS, R AND L		JOHNS-MANVILLE SALES CORP		
SUCCESSOR TO LAWRENCE I LISTON	0.70	(FORMERLY: JOHNS-MANVILLE PRODUCTS CORP MANVILLE SERVICE		
DISCLAIMED WATER RIGHT	-0.70	CORP)		
TOTAL		0.00 (NOW KNOWN AS MANVILLE SALES CORP)		
HARRIS TUBE, INC		TOTAL		0.00
SUCCESSOR IN PART TO B ROBINSON AND	0.70	JOHNSTON, A S, DRILLING CO	11.90	
ASSOCIATES		ASSIGNED TO GERAHUE LAND CO	-11.90	
TRANSFERRED TO AUTOMATION IND INC-	-0.70	TOTAL		0.00
HARRIS TUBE		JONES, ANNA MAE	50.20	
TOTAL		0.00 SOLD TO CITY OF TORRANCE	-50.20	
HAWTHORNE, CITY OF	1,882.00	TOTAL		0.00
HENDERSON, BEATRICE M	1.30	JOUGHIN TORRANCE RANCH		
ABANDONED WATER RIGHT	-1.30	SUCCESSOR IN PART TO ISABELA J GRANZ	212.42	
TOTAL		SOLD IN PART TO BARCLAY HOLLANDER	-3.33	
HEYDENBECK, JEANETTE R		CURCI INC		
(FORMERLY JEANETTE R REIFSNYDER)	0.70	SOLD IN PART TO BOISE CASCADE BUILDING	-16.92	
SOLD TO DOMINGUEZ WATER CORP	-0.70	CO		
TOTAL		0.00 SOLD IN PART TO COLLISTER, CAMERON	-136.82	
HILLSIDE MEMORIAL PARK	16.70	SOLD IN PART TO R A WATT, INC	-55.35	
SUCCESSOR TO SANTA FE LAND	39.50	TOTAL		0.00
IMPROVEMENT CO		JUNGQUIST, FRED A		
SUCCESSOR TO SIGMUND S AND LIONEL S	12.50	(FORMERLY KATHERINE P WOODMAN)	3.70	
HOCKWALD		SOLD TO ROBERT G FLETCHER ET AL	-3.70	
SUCCESSOR TO THORPE, TERENCE	11.80	TOTAL		0.00
SUCCESSOR TO BRANDSMA, MAYNARD	11.80	KAHLERT, ET AL		
TOTAL		<u>92.30</u> AND SUCCESSOR IN PART TO KELLY PIPE	18.90	
HOCKWALD, SIGMUND S AND LIONEL S	12.50	CO		
SOLD TO HILLSIDE MEMORIAL PARK	-12.50	SOLD TO SPARKLETTS DRINKING WATER	-18.90	
TOTAL		CORP		
HOLLYWOOD PARK INC		TOTAL		0.00
(FORMERLY HOLLYWOOD TURF CLUB)		KAUFMAN, LEO AND SHELDON BAER		
(NOW KNOWN AS HOLLYWOOD PARK OPERATING CO)		SUCCESSOR TO FUTURA INDUSTRIES INC	44.40	
HOLLYWOOD PARK OPERATING CO		SOLD TO CITY OF INGLEWOOD	-44.40	
(FORMERLY HOLLYWOOD PARK INC)	282.00	TOTAL		0.00
SOLD TO CHURCHILL DOWNS CALIFORNIA	-282.00	KELLY PIPE CO	49.00	
CO		SOLD IN PART TO STATE OF CALIFORNIA	-16.30	
TOTAL		SOLD IN PART TO KAHLERT, ET AL	-18.90	
HOLLYWOOD TURF CLUB		SOLD IN PART TO SPARKLETTS DRINKING	-13.80	
(NOW KNOWN AS HOLLYWOOD PARK INC)		WATER CORP		
HONEYWELL INTERNATIONAL INC		TOTAL		0.00
MERGED WITH ALLIED-SIGNAL INC (EL	255.00	KINDER MORGAN LIQUIDS TERMINALS, L.L.C.		
SEGUNDO OFFICE) AND THE CORP NAME		SUCCESSOR TO GATX TANK STORAGE	167.00	<u>167.00</u>
CHANGED TO HONEYWELL INTERNATIONAL		TERMINALS CORP.		
INC		KITA, ISAMU, KASUO, AND YOSHIKI R	32.60	
SOLD TO CALIFORNIA WATER SERVICE CO	-255.00	SOLD TO DON WILSON BUILDERS	-32.60	
(DOMINGUEZ)		TOTAL		0.00
TOTAL		0.00 KURTZ, GLADYS	3.50	
HONOLD, KRISTIN BRANDSMA		SOLD TO SPARKLETTS DRINKING WATER	-3.50	
SUCCESSOR IN PART TO ESTATE OF JOHN	11.80	CORP		
GRANT		TOTAL		0.00
HORNSTRA, WILBUR	14.10	LAGERLOF, STANLEY C		
SOLD TO JAKE ENGELSMA	-14.10	SUCCESSOR TO LESLIE R FLESCH AND	3.50	
TOTAL		0.00 ANDOR PASTERNAK, ET AL		
HUGHES AIRCRAFT	0.00	<u>0.00</u> SOLD TO SHELL OIL CO	-3.50	
(SEE 1981 JUDGMENT ORDER)		TOTAL		0.00
HUNT, DONALD G		LAWLER, JAMES K	3.10	
SUCCESSOR TO JAMES SCANDA	1.90	SOLD TO B ROBINSON AND ASSOC	-3.10	
SOLD TO KENICHI INOSE	-1.90	TOTAL		0.00
TOTAL		0.00 DERMENS, EVELYN		
INDUSTRIAL CHEMICAL DIVISION, ALLIED CHEMICAL CORP		(FORMERLY LERMENS, ALFRED)	0.70	
(FORMERLY ALLIED CHEMICAL CORP, GEN CHEMICAL CO)		SOLD TO COASTLINE CHURCH OF CHRIST	-0.70	
(NOW KNOWN AS ALLIED CORP)		TOTAL		0.00
INGLEWOOD, CITY OF	4,382.00	LEUZINGER, EMMA L	1.40	<u>1.40</u>
SUCCESSOR TO ABELL, FRANK	1.80	LISTON, LAWRENCE	0.70	
SUCCESSOR TO BOISE CASCADE BUILDING	16.92	SOLD TO R AND L HARRIS	-0.70	
CO		TOTAL		0.00
SUCCESSOR TO GEORGIA-PACIFIC CORP	3.40	LITTLE, WILLIAM		
SUCCESSOR TO KAUFMAN, LEO AND	44.40	SUCCESSOR TO ROCKWELL, MICHAEL	0.10	
SHELDON BAER		SOLD TO WATT INDUSTRIAL PROPERTIES	-0.10	
SUCCESSOR IN PART TO GEORGE R	1.37	TOTAL		0.00
MURDOCK		LOMITA, CITY OF WATER SYSTEM (WWD 13)	1,352.00	<u>1,352.00</u>
TOTAL		4,449.89 (FORMERLY LOS ANGELES COUNTY WATERWORKS DISTRICT NO 13)		
INOSE ET AL		LONG BEACH, CITY OF	0.70	<u>0.70</u>
(KEN K INOSE, KAY K INOSE, KIYOKO YOSHIYAMA, KENICHI INOSE,		LOPES, FRANK	3.70	<u>3.70</u>
KAYOKO K INOSE AND DAVID T NAKATANI, TRUSTEE OF THE INOSE		LOS ANGELES, CITY OF	1,503.00	<u>1,503.00</u>
CHILDREN TRUST U/D/T DATE 11/1/78)		LOS ANGELES COUNTY-ALONDRA PARK	28.70	
(FORMERLY INOSE, KENICHI)		SUCCESSOR TO LOS ANGELES COUNTY	39.00	
SUCCESSOR TO HUNT, DONALD G	1.90	FLOOD CONTROL DIST		
SUCCESSOR TO THAXTER, RALPH AND LOIS	3.50	MERGED WITH LOS ANGELES COUNTY	-67.70	
A LENOIR		CHESTER L. WASHINGTON GOLF COURSE		

SUCCESSION OF ADJUDICATED RIGHTS IN WEST COASTS
SUCCESSION OF ADJUDICATED RIGHTS IN WEST COAST
BASIN-JUNE 2005 **BASIN-JUNE 2005**

UNDER NEW NAME "LOS ANGELES COUNTY RECREATION FACILITIES"		(FORMERLY KNOWN AS NORTHROP AIRCRAFT, INC) (NOW KNOWN AS NORTHROP CORP)	
TOTAL		0.00	
LOS ANGELES COUNTY CHESTER L WASHINGTON GOLF COURSE (FORMERLY LOS ANGELES COUNTY WESTERN AVENUE GOLF COURSE)	296.00	SUCCESSOR TO COLLISTER, CAMERON SOLD TO CITY OF TORRANCE	136.82
MERGED WITH LOS ANGELES COUNTY ALONDRA PARK UNDER NEW NAME "LOS ANGELES COUNTY RECREATION FACILITIES"	-296.00	TOTAL	-136.82
TOTAL		<u>NORTHROP CORP</u>	0.00
LOS ANGELES COUNTY FLOOD CONTROL DISTRICT	37.60	(FORMERLY KNOWN AS NORAIR, A DIV OF NORTHROP CORP)	38.15
SUCCESSOR IN PART TO A H SMITH, ET AL	1.40	0.00	
SOLD TO LOS ANGELES COUNTY - ALONDRA PARK	-39.00	<u>NOZAKI, SUMIKICHI</u>	
TOTAL		SUCCESSOR IN PART TO MORI, ROY H AND KENJI	2.00
LOS ANGELES COUNTY RECREATION FACILITIES		SUCCESSOR IN PART TO UNITED CALIFORNIA BANK	5.00
MERGER OF LOS ANGELES COUNTY ALONDRA PARK, AND	67.70	TOTAL	<u>7.00</u>
LOS ANGELES COUNTY CHESTER L WASHINGTON GOLF COURSE	296.00	0.00	
TOTAL		OSBORN, EMMA J	
LOS ANGELES COUNTY SANITATION DIST NO 2	102.00	SUCCESSOR IN PART TO ISABELA J GRANZ	32.66
LOS ANGELES COUNTY WATERWORKS DISTRICT NO 13		SOLD TO R BARCLAY AND R A WATT	-32.66
(NOW KNOWN AS LOMITA, CITY OF WATER SYSTEM WWD 13)		TOTAL	0.00
LOS ANGELES COUNTY WATERWORKS DISTRICT NO 22	551.00	<u>OTANI, CHISATO</u>	0.00
SOLD TO SOUTHERN CALIF WATER CO	-551.00	<u>PACIFIC CREST CEMETERY CO</u>	17.70
TOTAL		SUCCESSOR TO H S SCOTT	9.50
LOS ANGELES COUNTY WESTERN AVE GOLF COURSE		363.70	
(FORMERLY BOARD OF RETIREMENT OF THE LOS ANGELES COUNTY EMPLOYEES RETIREMENT SYSTEM)		102.00	
(NOW KNOWN AS LOS ANGELES CHESTER L WASH GOLF)		SUCCESSOR TO WADA, KAORU AND SATORU	12.20
LOYOLA MARYMOUNT UNIVERSITY	48.10	TOTAL	<u>39.40</u>
(FORMERLY LOYOLA UNIVERSITY OF LOS ANGELES)		<u>PALOS VERDES BEGONIA FARM</u>	
MANHATTAN BEACH, CITY OF	1,131.20	SUCCESSOR TO GUS A BAUMAN	0.00
MANVILLE SALES CORP	881.00	PALOS VERDES WATER CO	999.00
(FORMERLY: JOHNS-MANVILLE SALES CORP JOHNS-MANVILLE PRODUCTS CORP MANVILLE SERVICE)		SOLD TO CALIFORNIA WATER SERVICE CO	-999.00
SOLD TO ATLANTIC RICHFIELD CO	-881.00	TOTAL	0.00
TOTAL		0.00	
MANVILLE SERVICE CORP (SEE JOHNS-MANVILLE SALES CORP)		PARK WATER CO	160.00
MARTIN BROTHERS BOX CO, INC	3.40	SOLD TO SOUTHERN CALIFORNIA WATER	-160.00
SOLD TO SOUTHWEST STEEL ROLLING MILLS	-3.40	TOTAL	0.00
TOTAL		PARKE, ZORAIDA	1.80
MAYFLOWER NURSERIES	0.00	SOLD TO H L PERRY	-1.80
(HERBERT SAKAYE FUKUWAI, DBA)		TOTAL	0.00
MCCANDLESS, JAMES	6.70	PASCHKE, WILLIAM JOSEPH	0.02
SOLD TO SPARKLETT'S DRINKING WATER CORP	-6.70	ABANDONED WATER RIGHT	-0.02
TOTAL		TOTAL	0.00
MCDONNELL DOUGLAS CORP		PERRY, H L	
(FORMERLY DOUGLAS AIRCRAFT, CO INC)		SUCCESSOR TO ZORAIDA PARKE	1.80
LONG TERM LEASE FROM UNITED STATES NAVY DEPARTMENT	1.70	SOLD TO HARRY C JENKINS	-1.80
MOBIL OIL CORP		TOTAL	0.00
(FORMERLY SOCONY MOBIL OIL CO)		0.00	
SUCCESSOR TO SUPERIOR OIL CO	2,570.00	PHILLIPS PETROLEUM CO	
TOTAL		(FORMERLY TIDEWATER OIL CO)	
MONETA MUTUAL WATER CO	916.00	SOLD TO GATX TANK STORAGE TERM CORP	-167.00
SOLD TO CITY OF TORRANCE	-916.00	TOTAL	0.00
TOTAL		0.00	
MONIZ, JOE JR	2.20	POTHOS CORP	
SOLD TO STATE OF CALIFORNIA	-2.20	SUCCESSOR TO INOSE ET AL	5.40
TOTAL		0.00	
MORAN, RONALD E		<u>0.00</u>	
SUCCESSOR IN PART TO COLUMBIA BROADCASTING SYSTEM, INC	9.00	SOLD TO EVERGREEN AMERICA CORP	-5.40
BROADCASTING SYSTEM, INC		TOTAL	0.00
SOLD TO CITY OF TORRANCE	-9.00	REHOR, JOSEPHINE P	2.20
TOTAL		REIFSNYDER, JEANETTE R	2.20
MORI, ROY H AND KENJI		(NOW KNOWN AS JEANNETTE R HEYDENBECK)	
SECOND WEST COAST BASIN JUDGMENT	5.60	0.00	
SOLD TO NOZAKI, SUMIKICHI	-2.00	<u>RHODIA, INC</u>	
TOTAL		SUCCESSOR TO RHONE-POULENC INC	521.00
MURDOCK, GEORGE R		RHONE-POULINE BASIC CHEMICAL CO	
SUCCESSOR IN PART TO ISABELA J GRANZ	15.12	1.70	
SOLD IN PART TO R BARCLAY AND R A WATT	-13.75	SUCCESSOR TO STAUFFER CHEMICAL CO	521.00
SOLD IN PART TO CITY OF INGLEWOOD	-1.37	SOLD TO RHONE-POULINE INC	-521.00
TOTAL		TOTAL	0.00
NAKANO, KIKUNO, ET AL	19.30	RHONE-POULENC INC	
SOLD TO DOMINGUEZ WATER CORP	-19.30	SUCCESSOR TO RHONE-POULENC, BASIC CHEMICAL CO	521.00
TOTAL		SOLD TO RHODIA, INC	-521.00
NAVARRO, T C	53.90	TOTAL	0.00
SOLD TO HILARIO S AND EMMA ALWAG	-53.90	0.00	
TOTAL		RICHFIELD OIL CORP	
NORAIR, A DIVISION OF NORTHROP CORP		(NOW KNOWN AS ATLANTIC RICHFIELD CO)	
		ROBINSON, B, AND ASSOCIATES	
		0.00	
		SUCCESSOR TO JAMES K LAWLER	3.10
		SOLD IN PART TO HARRIS TUBE, INC	-0.70
		SOLD IN PART TO SOUTHERN CALIFORNIA WATER CO	-2.40
		TOTAL	0.00
		0.00	
		ROCKWELL, MICHAEL L	
		SUCCESSOR TO BANK OF AMERICA NATIONAL TRUST AND SAVINGS ASSOCIATION (TRUST B 1-51)	0.10
		SOLD TO LITTLE, WILLIAM	-0.10
		TOTAL	0.00
		0.00	
		RODRIGUEZ, FLAVIO	6.10
		SOLD TO STATE OF CALIFORNIA	-4.00
		DISCLAIMED WATER RIGHT	-2.10
		TOTAL	0.00
		0.00	
		ROMAN CATHOLIC ARCHBISHOP OF LOS ANGELES (HOLY CROSS CEMETERY)	72.30
		<u>RUFFNER CORP</u>	<u>72.30</u>
		SUCCESSOR TO LOUIS M SEPULVEDA	0.70
		ABANDONED WATER RIGHT	-0.70
		TOTAL	0.00
		0.00	
		RYAN AERONAUTICAL CO	20.20

**SUCCESSION OF ADJUDICATED RIGHTS IN WEST COAST
BASIN-JUNE 2005**

SOLD TO TOSCO CORP	-6,170.00	
TOTAL		0.00
UNITED CALIFORNIA BANK		
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
UNITED STATES NAVY DEPARTMENT	1.70	
LONG TERM LEASE TO MCDONNELL	-1.70	
DOUGLAS CORP PER JUDGEMENT		
TOTAL		0.00
UNITED STATES STEEL CORP	1,791.00	
SOLD TO TORRANCE, CITY OF	-1,791.00	
TOTAL		0.00
VERBURG, WILLIAM AND CLARA B	6.70	
SOLD TO ABC NURSERY, INC	-6.70	
TOTAL		0.00
WADA, KAORU AND SATORU	12.20	
SOLD TO PACIFIC CREST CEMETERY CO	-12.20	
TOTAL		0.00
WATKINSON, JOSEPHINE	3.10	
SOLD TO MATES TUNE, ET AL	-3.10	
TOTAL		0.00
<u>WATSON LAND CO</u>	42.60	
SUCCESSOR IN PART TO DOMINGUEZ	37.60	
WATER CORP		
TOTAL		80.20
<u>WATT INDUSTRIAL PROPERTIES</u>		
SUCCESSOR TO WILLIAM LITTLE	0.10	0.10
WATT, R A, INC		
SUCCESSOR TO NED EWING, ET AL	6.50	
SUCCESSOR IN PART TO ISABELA J GRANZ	13.75	
ESTATE		
SUCCESSOR IN PART TO JOUGHIN	55.35	
TORRANCE RANCH		
SOLD TO DOMINGUEZ WATER CORP	-61.85	
SOLD TO CITY OF TORRANCE	-13.75	
TOTAL		0.00
WECHSLER, B A		
SUCCESSOR TO MATES TUNE, ET AL	3.10	
SOLD TO SPARKLETTS DRINKING WATER	-3.10	
CORP		
TOTAL		0.00
WESTERN WATER CO		
SUCCESSOR TO FLETCHER OIL AND	90.00	
REFINING CO		
SUCCESSOR TO SPARKLETTS DRINKING	152.60	
WATER CORP		
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	-242.60	
COMPANY		0.00
WESTON INVESTMENT CO	184.00	
SOLD TO TORRANCE SAND AND GRAVEL	-184.00	
CORP		
TOTAL		0.00
<u>WISEBURN SCHOOL DISTRICT</u>	8.20	8.20
WOODMAN, KATHERINE P		
(SEE FRED A JUNGQUIST)		
<u>ZEIGLER, MAXWELL T</u>	0.00	0.00
GRAND TOTAL	64,468.25	64,468.25

LEGEND

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 - Ground Water Extractions

		PRODUCTION - WEST BASIN														
: STATE	: OWNERS	2004						2005						: TOTAL		
: WELL	: DESIG-															:
: NUMBER	: NATION	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN			
<u>A B C NURSERY, INC</u>																
7002																
03S/13W-29F11S	1	3.89	3.14	3.02	1.10	0.18	0.00	0.00	0.07	0.89	2.35	2.44	2.83	19.91		
<u>ALLIED-SIGNAL, INC</u>																
7003																
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		
<u>AMERICAN PLANT GROWERS, INC</u>																
7010																
04S/13W-19J06S	829M	5.80	4.73	3.79	2.32	1.25	0.72	1.31	2.32	2.53	4.33	6.74	3.68	39.52		
<u>ATLANTIC RICHFIELD CO</u>																
7025																
04S/13W-16J05S	00013	129.98E	123.60E	150.54E	136.88E	129.09E	151.52E	154.80E	131.80E	139.85E	132.68E	136.56E	130.34E	1647.64		
04S/13W-16R02S	00011	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	00004	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-21H05S	00007	9.51E	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.51		
04S/13W-21H06S	00008	51.67E	91.90E	135.30E	144.68E	137.42E	148.29E	153.84E	128.33E	137.28E	135.72E	135.72E	129.85E	1530.00		
04S/13W-21H07S	00012	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	00010	43.65E	38.76E	36.43E	20.42E	0.00	0.00	0.00	0.00	0.00	0.00	1.74E	0.00	141.00		
04S/13W-22E01S	00005	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	00009	113.97E	107.93E	106.25E	109.28E	102.47E	108.26E	111.67E	91.35E	98.79E	97.78E	94.34E	89.74E	1231.83		
PARTY TOTALS:			362.19		411.26		408.07		351.48		366.18		349.93			
		348.78		428.52		368.98		420.31		375.92		368.36		4559.98		
<u>ATLANTIC RICHFIELD CO (OIL RECOV)</u>																
7026																
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		
PARTY TOTALS:			0.00		0.00		0.00		0.00		0.00		0.00			

		PRODUCTION - WEST BASIN												
: STATE	: OWNERS	2004						2005						: TOTAL
: WELL	: DESIG-													:
: NUMBER	: NATION	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	:
<u>CALIFORNIA WATER SERVICE CO</u>														
7050														
03S/14W-29H01S	30-01	66.04	62.42	65.16	39.93	63.55	60.99	65.48	52.06	56.41	55.28	56.83	50.48	694.63
03S/14W-29J01S	22-01	94.35	94.50	98.67	66.02	91.96	97.77	100.66	91.95	101.79	94.03	95.12	94.66	1121.48
03S/14W-32A02S	08-02	16.46	39.08	24.01	62.78	79.34	75.12	27.22	69.25	80.00	56.96	76.13	31.71	714.19
PARTY TOTALS:			196.00		168.73		233.88		213.26		206.27		176.85	
		176.85		187.84		234.85		193.36		238.20		228.08		2454.17
<u>CA WTR SERVICE CO/HAWTHORNE LEASE</u>														
7052														
03S/14W-09M01S	00013	51.53	87.53	95.37	0.00	6.12	0.63	43.51	34.19	71.69	71.05	39.63	38.05	539.30
03S/14W-09N04S	00004	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	00012	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	00008	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:			87.53		0.00		0.63		34.19		71.05		38.05	
		51.53		95.37		6.12		43.51		71.69		39.63		539.30
<u>CA WATER SERVICE CO (DOMINGUEZ)</u>														
7053														
04S/13W-11P02S	294-0	0.00	0.15	0.52	0.00	0.00	1.89	0.00	0.00	0.00	0.00	0.00	0.00	2.56
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	215-0	78.92	78.51	72.55	49.56	71.89	66.60	6.26	19.16	1.04	16.05	92.39	88.04	640.97
04S/13W-15A14S	298-0	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-15B05S	215-0	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	277-0	145.04	141.68	125.43	130.95	124.97	85.15	17.07	109.60	125.57	121.55	106.38	109.45	1342.84
04S/13W-17D02S	219-0	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	219-0	0.00	0.00	1.06	0.00	0.00	0.00	0.00	0.00	2.48	0.24	3.67	0.00	7.45
04S/13W-20C01S	279-0	0.00	0.00	0.00	0.00	0.00	0.57	2.56	0.00	0.00	0.00	0.00	0.00	3.13
04S/13W-29E06S	275-0	117.00	143.98	160.93	166.92	152.95	166.76	162.43	41.13	28.80	89.19	90.10	121.00	1441.19
PARTY TOTALS:			364.32		347.43		320.97		169.89		227.03		318.49	
		340.96		360.49		349.81		188.32		157.89		292.54		3438.14
<u>CA WTR SERV CO (BREWER DESALTER)</u>														
7054														
04S/14W-10D03S	232-0	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-10D04S	232-0	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:			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

		PRODUCTION - WEST BASIN														
: STATE	: OWNERS	2004				2005										: TOTAL
: WELL	: DESIG-															
: NUMBER	: NATION	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN			
<u>CHANDLER PALOS VRDES SAND/GRAV CO</u>																
7080																
04S/14W-35E06S	SIDEB	42.84	31.66	35.54	9.84	6.38	4.39	0.99	3.98	7.93	29.20	33.96	35.96	242.67		
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:		42.84	31.66	35.54	9.84	6.38	4.39	0.99	3.98	7.93	29.20	33.96	35.96	242.67		
<u>CONOCOPHILLIPS COMPANY</u>																
7093																
04S/13W-21R01S	WI002	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	WI004	190.76E	187.11E	179.47E	182.76E	171.92E	170.19E	174.00E	153.91E	169.02E	162.87E	156.99E	86.42E	1985.42		
04S/13W-31N03S	LA005	92.56E	76.52E	0.00	29.67E	138.16E	141.54E	132.58E	124.02E	134.42E	12.97E	121.20E	110.05E	1113.69		
04S/13W-31N04S	LA006	49.69E	50.77E	47.80E	44.24E	41.55E	34.01E	40.06E	30.78E	51.97E	52.85E	52.67E	49.07E	545.46		
PARTY TOTALS:		333.01	314.40	227.27	256.67	351.63	345.74	346.64	308.71	355.41	228.69	330.86	245.54	3644.57		
<u>DESSER ENTERPRISES</u>																
7113																
04S/13W-15Q01S	878H	0.35E	0.35E	0.35E	0.35E	0.35E	0.35E	0.35E	0.00	0.00	0.00	0.00	0.00	2.45		
<u>FUJIMOTO, SR + ST + JK</u>																
7201																
03S/13W-30A10S	00001	1.27	1.34	0.96	0.29	0.73	0.14	0.35	0.55	0.91	1.07	1.44	1.07	10.12		
<u>HILLSIDE MEMORIAL PARK</u>																
7270																
02S/14W-19K04S	3	13.51	12.51	11.14	3.39	3.38	2.28	0.30	1.35	3.57	7.67	10.09	12.27	81.46		
<u>INGLEWOOD, CITY OF</u>																
7310																
03S/14W-03D03S	6	394.01	346.44	344.61	376.99	342.91	126.50	366.62	306.74	373.59	337.01	360.20	314.59	3990.21		
03S/14W-10F02S	4	132.90	111.10	110.49	69.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	424.12		
03S/14W-10G03S	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		
03S/14W-10G04S	2	112.61	102.28	94.72	88.12	80.95	36.18	99.62	85.88	100.32	83.60	85.90	77.44	1047.62		
PARTY TOTALS:		639.52	559.82	549.82	534.74	423.86	162.68	466.24	392.62	473.91	420.61	446.10	392.03	5461.95		

		PRODUCTION - WEST BASIN														
: STATE	: OWNERS	2004				2005						:	TOTAL			
: WELL	: DESIG-	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	:		
: NUMBER	: NATION															
<u>INGLEWOOD PARK CEMETERY</u>																
7312																
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	0.00	
02S/14W-27N02S	00021	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	0.00	
02S/14W-27N03S	00022	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	0.00	
PARTY TOTALS:		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	0.00	
<u>LOS ANGELES, CITY OF</u>																
7410																
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	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	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	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	0.00	
PARTY TOTALS:		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	0.00	
<u>LOS ANGELES COUNTY ALONDRA PARK</u>																
7420																
03S/14W-27C01S	00761	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.82	34.04	36.51	8.55	89.92		
<u>LOS ANGELES COUNTY SANITN DIST 2</u>																
7440																
04S/13W-30C01S	00819	35.26	17.85	0.00	0.09	0.02	0.86	0.01	3.18	16.46	15.81	18.62	15.24	123.40		
<u>LOMITA,CITY OF WATER SYSTEM</u>																
7450																
04S/14W-35E07S	00005	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		
<u>LA COUNTY CHESTER WASHINGTON GOLF</u>																
7470																
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		

		PRODUCTION - WEST BASIN												TOTAL	
: STATE	: OWNERS	2004				2005						:	TOTAL		
: WELL	: DESIG-	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	:	
: NUMBER	: NATION														
<u>MANHATTAN BEACH, CITY OF</u>															
7490															
03S/14W-29C03S	15	0.00	0.00	63.93	2.22	5.09	1.07	0.08	1.12	10.81	57.27	26.70	0.12	168.41	
03S/14W-29D05S	11A	169.93	159.93	141.36	4.11	11.08	4.51	0.13	2.17	11.73	119.27	148.75	137.75	910.72	
PARTY TOTALS:		169.93	159.93	205.29	6.33	16.17	5.58	0.21	3.29	22.54	176.54	175.45	137.87	1079.13	
<u>MOBIL OIL CORP</u>															
7510															
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-1	77.34E	101.20E	95.10E	85.72E	93.90E	84.70E	95.01E	92.58E	103.60E	95.54E	99.60E	35.40E	1059.69	
PARTY TOTALS:		77.34	101.20	95.10	85.72	93.90	84.70	95.01	92.58	103.60	95.54	99.60	35.40	1059.69	
<u>MOBIL OIL CORP (OIL RECOVERY)</u>															
7511															
	EW-6	1.04E	1.34E	1.26E	1.00E	1.18E	0.90E	1.13E	2.49E	0.84E	1.72E	1.56E	0.72E	15.18	
04S/14W-02F01S	EW-5	5.29E	5.55E	5.65E	6.24E	6.14E	7.19E	6.52E	12.86E	3.88E	6.54E	6.73E	4.01E	76.60	
04S/14W-02L01S	EW-2	5.54E	5.43E	5.41E	6.90E	4.97E	7.69E	7.29E	14.05E	3.96E	5.58E	5.86E	3.54E	76.22	
04S/14W-02L02S	EW-3	4.93E	4.43E	4.19E	4.21E	4.13E	2.12E	1.25E	13.76E	2.57E	4.32E	4.49E	2.69E	53.09	
04S/14W-02L03S	EW-4	4.91E	4.50E	4.01E	4.34E	4.02E	5.08E	4.09E	21.70E	0.83E	4.44E	4.84E	2.71E	65.47	
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	5.85E	5.45E	3.49E	0.01E	3.40E	1.95E	5.58E	13.22E	3.67E	6.73E	7.01E	4.19E	60.55	
PARTY TOTALS:		27.56	26.70	24.01	22.70	23.84	24.93	25.86	78.08	15.75	29.33	30.49	17.86	347.11	
<u>PACIFIC CREST CEMETERY CO</u>															
7580															
03S/14W-33E01S	00743	6.59	8.37	6.36	3.69	1.38	1.53	0.91	0.44	0.91	6.19	6.30	8.87	51.54	
<u>RHODIA, INC</u>															
7623															
04S/13W-10C02S	D001A	37.22	41.86	47.51	37.65	36.32	26.73	19.61	25.47	39.10	46.14	47.12	44.14	448.87	

		PRODUCTION - WEST BASIN												
: STATE	: OWNERS	2004						2005						: TOTAL
: WELL	: DESIG-													:
: NUMBER	: NATION	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	:
<u>ROMAN CATHOLIC ARCHBISHOP OF L A</u>														
7659														
02S/14W-18J01S	AA	49.82	46.53	38.18	18.20	11.05	10.78	1.40	2.50	4.94	33.22	14.76	23.22	254.60
02S/14W-18Q01S	HOLYX	0.67	1.71	0.43	0.04	0.08	0.05	0.03	0.28	0.01	0.19	0.30	0.47	4.26
02S/14W-18Q02S	HOLY1	0.53	1.32	2.16	0.68	0.54	0.90	0.00	0.00	0.01	1.47	8.63	4.11	20.35
PARTY TOTALS:			49.56		18.92		11.73		2.78		34.88		27.80	
		51.02		40.77		11.67		1.43		4.96		23.69		279.21
<u>SHELL OIL PRODUCTS US</u>														
7703														
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	46.35E	41.77E	41.66E	43.85E	37.30E	40.12E	39.31E	36.03E	39.20E	38.60E	36.70E	5.06E	445.95
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	197.57E	211.58E	227.87E	191.14E	143.72E	212.42E	178.01E	186.36E	199.86E	208.56E	211.05E	198.69E	2366.83
04S/13W-34F07S	SHE11	217.31E	221.70E	222.83E	210.89E	170.61E	212.51E	192.55E	189.91E	206.40E	211.43E	210.18E	199.10E	2465.42
PARTY TOTALS:			475.05		445.88		465.05		412.30		458.59		402.85	
		461.23		492.36		351.63		409.87		445.46		457.93		5278.20
<u>SOUTHERN CALIFORNIA EDISON CO</u>														
7720														
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	1.97	2.56	1.80	0.70	0.51	0.43	0.21	0.78	0.87	0.10	0.26	0.35	10.54
04S/13W-14A07S	MORR1	3.00E	3.00E	3.00E	3.00E	3.00E	3.00E	3.00E	3.00E	3.00E	3.00E	3.00E	3.00E	36.00
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:			5.56		3.70		3.43		3.78		3.10		3.35	
		4.97		4.80		3.51		3.21		3.87		3.26		46.54
<u>SOUTHERN CALIFORNIA WATER CO</u>														
7730														
03S/14W-02Q01S	TRUR4	0.00	0.10	0.00	0.00	0.00	0.00	15.98	0.14	17.55	45.48	0.00	0.00	79.25
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	127.69	144.78E	142.98	142.39	136.50	145.55E	130.23	102.26E	100.61	81.66	39.34	0.00	1293.99
03S/14W-03L02S	YU004	52.71	96.21E	96.39	95.34	97.86	104.31E	101.96	90.72E	95.73	98.27	99.02	78.37E	1106.89
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	133.85	142.17	136.02	138.38	133.90	137.52	139.24	123.67	140.01	134.74	139.87	133.31	1632.68
03S/14W-13J09S	S0005	124.08	19.55	111.40	122.45	131.86	136.57	136.14	122.72	133.90	129.89	134.10	129.61	1432.27
03S/14W-13J10S	S0006	94.65	103.80	94.72	93.96	87.11	88.26	90.14	79.12	86.21	84.24	87.44	85.75	1075.40

		PRODUCTION - WEST BASIN														
: STATE :	OWNERS :	2004						2005						: TOTAL		
: WELL :	DESIG- :	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	:		
: NUMBER :	NATION :													:		
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#2	148.64	34.68	87.32	44.65	0.00	0.00	0.00	126.31E	149.58	154.86	160.17	161.04	1067.25		
03S/14W-15B03S	GOLDM	124.80	124.98	119.37	120.38	116.21	118.91	114.11	96.95	103.40	29.42	0.00	0.00	1068.53		
03S/14W-15P01S	DOTY1	96.12	106.27	95.34	83.17	82.66	81.96	78.31	72.17	28.66	0.00	0.00	0.00	724.66		
03S/14W-15P02S	DOTY2	105.38	106.03	106.95	110.00	104.63	111.06	102.63	94.10	103.77	101.20	103.00	41.84	1190.59		
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	CERIS	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	41.88	43.65	40.91	41.00	38.00	38.76	16.24	0.00	0.00	0.00	0.06	5.16	265.66		
03S/14W-22Q01S	0015B	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07		
03S/14W-25P04S	DA001	46.74	40.97	45.29	45.04	42.59	42.95	28.93	36.69	38.89	37.84	39.52	33.42	478.87		
PARTY TOTALS:			963.19		1036.76		1005.85		944.85		897.60		668.50			
		1096.54		1076.69		971.39		953.91		998.31		802.52		11416.11		
<u>TORRANCE, CITY OF</u>																
7850																
03S/14W-34C02S	6	80.58	113.84	123.97	44.57	0.00	119.61	86.78	112.60	119.55	103.79	110.04	102.80	1118.13		
04S/14W-10K02S	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/14W-10K03S	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/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		
PARTY TOTALS:			113.84		44.57		119.61		112.60		103.79		102.80			
		80.58		123.97		0.00		86.78		119.55		110.04		1118.13		
<u>WATER REPLENISHMENT DIST OF SO CA</u>																
7917																
04S/14W-09A01S	MAD-2	246.25	265.28	252.38	255.19	255.66	223.95	226.07	142.16	0.00	181.97	227.82	220.32	2497.05		
BASIN TOTALS:			4166.38		3697.32		3453.80		3299.93		3647.97		3270.25			
		4252.80		4273.35		3513.01		3484.56		3470.18		3799.59		44329.14		

		PRODUCTION - SMALL PRODUCERS													
: STATE	: OWNERS	2004								2005				: TOTAL	
: WELL	: DESIG-	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	:	
: NUMBER	: NATION														
CARSON AUTO, INC															
7058															
04S/13W-15K05S				0.00			0.00			0.00			0.00	0.00	
BASIN TOTALS:		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	

Wb_01-aug-2005

APPENDIX D. CHANGE IN WELL STATUS

Party	Recordation Number	State Well No.	Owner Designation
<u>Destroyed Wells</u>			
California Water Service Company Brewer Desalter (Destroyed in November 2004)	1909486	04S14W10D003S	232-01
California Water Service Company Brewer Desalter (Destroyed in November 2004)	1909500	04S14W10D004S	232-02
<u>Wells Transferred</u>			
Los Angeles County Alondra Park to Los Angeles Recreation Facilities (Transfer effective July 1, 2004)	1902605	03S14W27C001S	00761
Los Angeles County Chester Washington Golf Course to Los Angeles Recreation Facilities (Transfer effective July 1, 2004)	1902613	03S14W11J002S	1397C

