

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

WATERMASTER SERVICE
in the
WEST COAST BASIN
Los Angeles County

July 1, 1993 - June 30, 1994

September 1994

Douglas P. Wheeler
Secretary for Resources
The Resources
Agency

Pete Wilson
Governor
State of
California

David N. Kennedy
Director
Department of
Water Resources

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FOREWORD

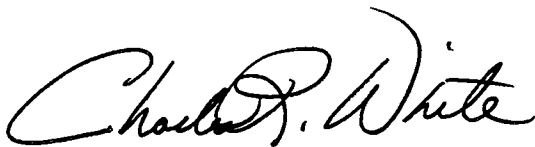
The Department of Water Resources, as Watermaster, is pleased to submit this report on water supply conditions in the West Coast Basin during the 1993-94 fiscal year. The report is prepared annually in accordance with the provisions of the Los Angeles County Superior Court Judgment in the West Coast 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 1993-94 was 72,717 acre-feet, of which 36,173 acre-feet of Adjudicated Right was extracted and 26,093 acre-feet was left in the ground as in-lieu replenishment, with 8,144 acre-feet kept as carryover.

The report includes information not only on ground water extractions but also on use of imported water, recharge operations, and administration of the water exchange pool plus a financial report on Watermaster Service during the 1993-94 fiscal year.

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.

A handwritten signature in cursive script that reads "Charles R. White".

Charles R. White, Chief
Southern District
and Watermaster

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3	Locations of Wells, June 1994

STATE OF CALIFORNIA
Pete Wilson, Governor

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I. INTRODUCTION

The West Coast Basin (Figure 1) is a relatively small ground water basin underlying the southwestern part of the Los Angeles Coastal Plain. It is bounded on the north by the Ballona Escarpment, on the east by the Newport-Inglewood Uplift, and on the south and west by the Pacific Ocean. The Basin's 160 square miles include 20 incorporated cities. A substantial portion of the water they need can be pumped directly from the ground water in storage.

In 1945, when intrusion of sea water caused by declining water levels threatened the quality of the ground water supply, legal action was begun to halt the overdraft and prevent serious damage to the Basin. Today, ground water extraction in the Basin is monitored by a court-appointed Watermaster (Department of Water Resources), whose primary job is to control ground water extractions and report all significant water-related events in the Basin to the Superior Court of Los Angeles County and parties to the West Coast Basin Judgment. The Basin has been operated under the management of the Watermaster since June 1961.

Appendix A contains the continuing history of Watermaster Service operations and the duties and functions of the Watermaster.

This report summarizes the Watermaster's work, conditions of ground water supply, quantity of water used, and ground water replenishment and includes a financial report for the 1993-94 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. This third part contains the figures and tables on water supply, use, replenishment, and administration costs. The appendixes contain further backup data for these tables.

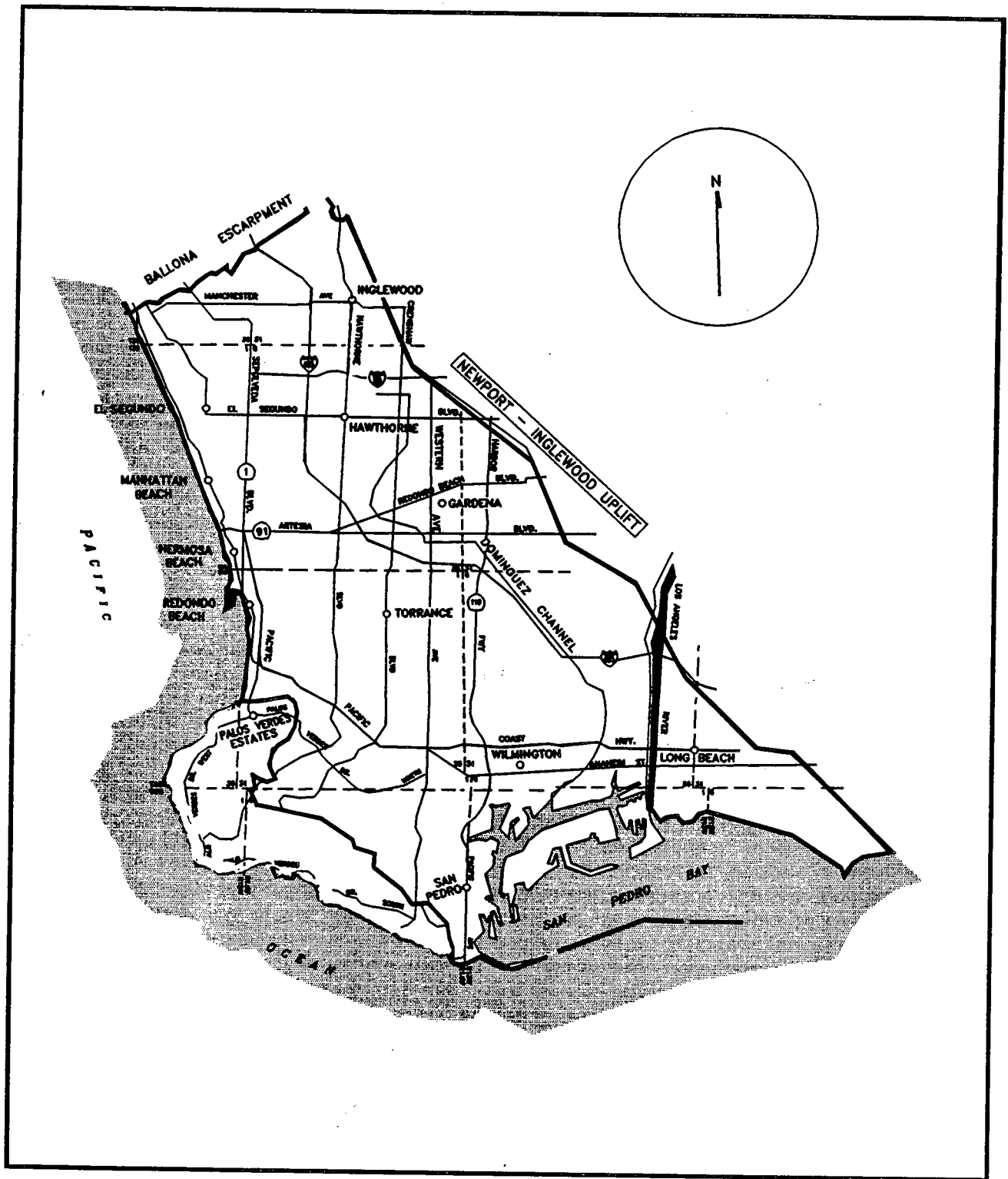


FIGURE 1 - WEST COAST BASIN

II. SUMMARY OF WATER CONDITIONS AND OPERATIONS

Tables and Figures referred to in the text which follows are for fiscal year 1993-94.

Average Precipitation

8.74 inches, 69 percent of long-time average of 12.73 inches.

West Coast Basin Wells

1,025 total: 84 active, 204 inactive, 195 injection, and 542 observation.

Ground Water Level Elevations

No significant change from spring of 1993 to the spring of 1994 (Figure 7).

Spreading Operations

- Los Angeles County Department of Public Works spread 241,730 acre-feet of water (Table 4), 1 percent more than last fiscal year, in the Montebello forebay area.

Water Quality - The following averages were compiled for 1993-94.

<u>Quality factor</u>	<u>Concentrations, in mg/L</u>		
	<u>Ground water from 5 wells, 1993</u>	<u>Colorado River water at Lake Mathews</u>	<u>State Water Project Water at Castaic Lake</u>
Chloride	45	94	70
Sulfate	11	281	122
Hardness (as CaCO ₃)	195	324	180
TDS	341	684	398

Overextractions

- Overextractions by four parties totaled 1,009.32 acre-feet (Table 1). There were three violators (overextractions exceeding 2 acre-feet or 20 percent): Desser Enterprises, Inglewood Park Cemetery, and Texaco Refining and Marketing, Inc.

Imports

- Excluding imports by two nonparties, 267,522 acre-feet were imported.
- Nonparty: California-American Water Company imported 3,420 acre-feet.

Exports

- California Water Service Company: 22 acre-feet of ground water.
- Southern California Water Company exported ground water to portions of its service area lying west of the Palos Verdes Hills.

Water Supply and Water Use Conditions

- In 1993-94, total water use increased by 7 percent over the previous year.
- Ground water extractions have averaged about 55,000 acre-feet since 1979-80.
- In 1993-94, West Coast Basin Parties imported 267,522 acre-feet and extracted 36,173 acre-feet of Adjudicated Rights. Extractions were less than average because of in-lieu replenishments.
- The growing water demand has been met by supplemental sources, and trend toward increasing imports continues.

In-lieu Replenishment Program

- Ten parties participated; 26,093.25 acre-feet (Table 9) was in the in-lieu amount.

Water Rights

- There were no requests for exchange pool water.
- Water right leases totaled 27 and amounted to 13,793.30 acre-feet.
- There was one transfer of water right ownership during the 1993-94 fiscal year, Pothos Corporation to Evergreen America Corporation.

Nonparties and Parties with Zero Adjudicated Rights

- One nonparty and two parties with zero adjudicated rights extracted 139.66 acre-feet.

1993-94 Budget

- Tentative budget, mailed on May 5, 1993, became the final budget on May 19, 1993.
- Final approved budget is presented in Table 12.
- Parties are not billed for amounts less than \$3.00 or if their accounts are inactive for three or more years.
- Five percent penalty is added if remittance becomes delinquent. Penalties of \$703.89 were collected.

Oil Recovery and Basin Cleanup

- Atlantic Richfield Company did not produce water the last three fiscal years from its Southwest Tank Farm as part of its cleanup. Since April 1984, it has pumped and returned a total of 1,200.35 acre-feet of water.
- Chevron, USA operated an oil recovery and basin cleanup program at its El Segundo refinery.
- Mobil Oil Corporation pumped 471.90 acre-feet as part of a hydrocarbon clean-up program.
- Dominguez Water Corporation pumped 1,893.87 acre-feet as part of the West Basin Desalter Project.

The following table summarizes pertinent data for fiscal years 1992-93 and 1993-94.

Item	Fiscal year 1992-93	Fiscal year 1993-94
Active pumpers	31	26
Active nonparties	1	1
Adjudicated Rights (ARs), in acre-feet	64,468.25	64,468.25
Watermaster expenses, total	\$287,699.00	\$295,092.00
Watermaster expenses. per AR	\$4.46	\$4.58
Rainfall, in inches	24.24	8.74
Injection at barrier projects, in acre-feet	25,914.10	21,555.80
Extractions, in acre-feet*	45,359.48	38,538.90
Imports, in acre-feet**	241,042.00	267,522.00
Exports, in acre-feet	<u>-649.40</u>	<u>-22.16</u>
Total water use (by parties), in acre-feet	285,752.20	306,038.74
<p>* Includes 471.90 acre-feet of oil recovery production by Mobil Oil Corporation and 1,893.87 acre-feet of Desalter production by Dominguez Water Corporation.</p> <p>** Includes barrier imports by Los Angeles County Department of Public Works.</p>		

Tables 1, 2, and 3 and Figure 2 summarize and illustrate the Basin's operations for the fiscal year 1993-94. 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 Rights	(2) Allowable Extraction**	(3) Amount Pumped	(4) Overextraction (2) - (3)	(5) Allowable Overextractions #
Desser Enterprises	0.00	(9.86)	11.47	(21.33) ##	2.00
Inglewood Park Cemetery	0.00	111.23	128.07	(16.84) ##	2.00
Roman Catholic Archbishop of L A	72.30	86.76	91.09	(4.33)	14.46
Texaco Refining and Marketing, Inc.	3,432.00	4,745.78	5,712.60	(966.82) ##	956.66 §
Total				<u>(1,009.32)</u>	
<p>* Excluding Otani account of 14.69 acre-feet; inactive for 9 years. ** See column (5) of Table 1 for derivation. # Computed as 2 acre-feet or 20 percent of Adjudicated Right (column 1), whichever is greater including carryover provisions. Parties indicated that they will eliminate overextraction by leasing water, buying from the Exchange Pool, reducing pumpage, or purchasing imported water. ## Violation of Judgment. § Adjusted for flex lease carryover of (3,432.00 + 1351.30 acre-feet) x 20% = 956.66.</p>					

TABLE 2. SUMMARY OF WATER ACCOUNTS OF PARTIES In acre-feet

Party	(1) Adjudicated Right	(2) Allowable Carryover From 92-93	(3) Exchange Water Purchased (+) or Sold (-)	(4) Net Lease (*)	(5) Allowable Extraction Sum (1 to 4)	(6) Amount Pumped	(7) Balance (5 - 6)	(8) Drought Carryover	(9) Allowable** Carryover Into 94-95
A B C Nursery, Inc.	24.10	3.99			28.09	20.79	7.30	0.00	4.82
Allied-Signal, Inc. (Torrance)	22.50	4.50			27.00	0.00	27.00	0.00	4.50
Allied-Signal, Inc. (El Segundo)	255.00	0.25		(255.00)	0.25	0.00	0.25	0.00	0.25
American Plant Growers, Inc.	10.00	11.00		40.00	61.00	49.08	11.92	0.00	10.00
Asahi Fancy Koi, Inc.	2.00	32.20			34.20	0.00	34.20	32.20	32.20
Atlantic Richfield Company	5,309.00	684.15		5,000.00	10,993.15	8,483.87	2,509.28	0.00	1,270.88 ***
Automation Industries, Inc.	0.70	5.40			6.10	0.00	6.10	3.40	5.40
Black, Dana	11.80	1.18		(11.80)	1.18	0.00	1.18	1.18	1.18
Brandsma, Maynard	11.80	1.18		(11.80)	1.18	0.00	1.18	1.18	1.18
CBS, Inc.	9.50	2.00			11.50	0.00	11.50	0.00	2.00
California Water Service Company	4,070.00	813.60			4,883.60	22.16	4,861.44	0.00	814.00 ***
Carson-Harbor Village Mob. Home Park	8.20	2.00			10.20	0.00	10.20	0.00	2.00
Carson-Madrona Company	104.00	2.00		(104.00)	2.00	0.00	2.00	0.00	2.00
Century Builders	4.70	2.00			6.70	0.00	6.70	0.00	2.00
Chandler Palos Verdes Sand and Gravel	294.20	58.84		(150.00)	203.04	142.06	60.98	0.00	58.84
Chevron U S A, Inc.	4,601.30	0.00		(4,601.30)	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	5.40
Curtis, Owen W.	0.36	4.72			5.08	0.00	5.08	2.72	4.72
Delaney, Golda, Estate of	4.10	12.20			16.30	0.00	16.30	10.20	12.20
Desser Enterprises	0.00	(9.86)			(9.86)	11.47	(21.33)	0.00	(21.33)
Dominguez Water Corporation	10,150.65	1,691.68		(4,895.80)	6,946.53	39.41	6,907.12	0.00	993.96 ***
Dominguez Water Corp. (Desalter)	0.00	0.00			0.00	1,893.87	(1,893.87)	n/a	n/a
El Segundo, City of	953.00	82.60			1,035.60	0.00	1,035.60	0.00	0.00
Engelsma, Jake	12.10	2.42			14.52	0.00	14.52	0.00	2.42
Evergreen America Corporation	5.40	2.00			7.40	0.00	7.40	0.00	2.00
Fletcher Oil and Refining Company	90.00	0.00		(90.00)	0.00	0.00	0.00	0.00	0.00
Fujimoto, S.R., S.T., and J.K. (a)	20.00	21.28			41.28	10.20	31.08	17.28	21.28
GATX Tank Storage Terminals Corp.	167.00	33.40		(171.00)	29.40	0.00	29.40	0.00	2.00
Gillingham, Florence R., et al.	2.40	0.00		0.00	2.40	0.00	2.40	0.00	2.00
Hawthorne, City of	1,882.00	188.20			2,070.20	1,297.50	772.70	0.00	0.00 ***
Hillside Memorial Park	68.70	0.05			68.75	56.22	12.53	0.00	12.53
Hollywood Park Operating Co.	282.00	25.83		(40.00)	267.83	233.73	34.10	25.83	34.10
Honold, Kristin Brandsma	11.80	1.18		(11.80)	1.18	0.00	1.18	0.00	1.18
Inglewood, City of	4,449.89	345.26			4,795.15	17.25	4,777.90	0.00	77.90 ***
Inglewood Park Cemetery	0.00	(48.77)		160.00	111.23	128.07	(16.84)	0.00	(16.84)
Leuzinger, Emma L., Estate of	1.40	6.80			8.20	0.00	8.20	4.80	6.80
Lomita, City of Water System	1,352.00	2.00		(1,350.00)	4.00	0.00	4.00	0.00	4.00
Long Beach, City of	0.70	1.40			2.10	0.00	2.10	0.00	2.00
Lopes, Frank	3.70	11.40			15.10	0.00	15.10	9.40	11.40

* See Table 14 and Appendix B for information concerning leases, transfer of water right entitlement, or prior ownership. Includes leases with flex where applicable.
 ** Includes flex and drought carryover.
 *** Sold in-lieu replenishments; see Table 9.

n/a Not applicable.
 (a) Purchased 20.00 acre-feet from Samuel R. Fujimoto.

TABLE 2. SUMMARY OF WATER ACCOUNTS OF PARTIES In acre-feet (Cont.)

Party	(1) Adjudicated Right	(2) Allowable Carryover From 92-93	(3) Exchange Water Purchased (+) or Sold (-)	(4) Net Lease (*)	(5) Allowable Extraction Sum (1 to 4)	(6) Amount Pumped	(7) Balance (5 - 6)	(8) Drought Carryover	(9) Allowable** Carryover Into 94-95
Los Angeles, City of, DWP	1,503.00	2.25			1,505.25	0.00	1,505.25	0.00	0.00 ***
Los Angeles County Alondra Park	67.70	13.54			81.24	0.00	81.24	0.00	13.54 ¶
Los Angeles County Sanitation Dist. 2	102.00	20.40			122.40	120.35	2.05	0.00	2.05
L A County C. Washington Golf Course	296.00	59.20			355.20	4.54	350.66	0.00	59.20 ¶
Loyola Marymount University	48.10	9.62			57.72	0.00	57.72	0.00	9.62
Manhattan Beach, City of	1,131.20	0.00			1,131.20	7.64	1,123.56	0.00	0.00 ***
Mayflower Nurseries	0.00	1.95			1.95	0.00	1.95	0.00	1.95
McDonnell Douglas Corporation	1.70	7.40			9.10	0.00	9.10	0.00	7.40
Mobil Oil Corporation	2,596.40	658.59		6,727.80	9,982.79	8,613.19	1,369.60	30.43	841.58 ***
Mobil Oil Corp. (Oil Recovery)	0.00	0.00			0.00	471.90	(471.90)	n/a	n/a
Mori, Roy H. and Kenji	3.60	11.20			14.80	0.00	14.80	9.20	11.20
Northrop Corporation	38.15	7.63			45.78	0.00	45.78	0.00	7.63
Nozaki, Sumikichi	7.00	2.00			9.00	0.39	8.61	0.00	2.00
Pacific Crest Cemetery Company	39.40	7.88		(30.00)	17.28	0.98	16.30	0.00	7.88
Palos Verdes Begonia Farm	0.00	7.40			7.40	0.00	7.40	7.40	7.40
Rehor, Josephine P.	2.20	2.00			4.20	0.00	4.20	0.00	2.00
Rhone-Poulenc Basic Chemicals Co.	521.00	104.20		(111.00)	514.20	390.04	124.16	0.00	104.20
Rolling Hills Vista	0.00	2.00			2.00	0.00	2.00	0.00	2.00
Roman Catholic Archbishop of L A	72.30	14.46			86.76	91.09	(4.33)	0.00	(4.33)
Shell Oil Company	1,019.50	187.38		(1,206.80)	0.08	0.00	0.08	0.08	0.08
Southern California Edison Company	57.10	20.47			77.57	15.50	62.07	9.05	20.47
Southern California Water Company	7,259.64	1,451.93 (b)			8,711.57	5,108.24	3,603.33	0.00	1,451.93 ***
Sparkletts Drinking Water Corporation	152.60	34.09		(135.00)	51.69	14.95	36.74	3.57	34.09
Texaco Refining and Marketing, Inc.	3,432.00	(37.52)		1,351.30	4,745.78	5,712.60	(966.82)	0.00	(966.82)
Thorpe, Gregory B.	11.80	1.18		(11.80)	1.18	0.00	1.18	1.18	1.18
Thorpe, Terrence	11.80	1.08		(11.80)	1.08	0.00	1.08	1.08	1.08
Torrance, City of	5,638.86	0.00			5,638.86	315.51	5,323.35	0.00	1,127.77 ***
Union Oil Company of California	6,170.00	1,648.55			7,818.55	5,266.30	2,552.25	787.78	2,021.78
Watson Land Co.	80.20	2.00		(80.20)	2.00	0.00	2.00	0.00	2.00
Watt Industrial Properties	0.10	2.48			2.58	0.00	2.58	1.00	2.58
Wiseburn School District	8.20	0.00			8.20	0.00	8.20	0.00	2.00
Zeigler, Maxwell T.	0.00	2.00			2.00	0.00	2.00	0.00	2.00
West Coast Basin Total	64,468.25	8,248.84	0.00	0.00	72,717.09	38,538.90	34,178.19	962.36	8,144.43

* See Table 14 and Appendix B for information concerning leases, transfer of water right entitlement, or prior ownership. Includes leases with flex where applicable.
 ** Includes flex and drought carryover.
 *** Sold in-lieu replenishments; see Table 9.

¶ Los Angeles County has an interagency agreement whereby all balances are combined and divided among the agencies in proportion to their needs or water rights.
 n/a Not applicable.
 (b) Corrected value.

TABLE 3. INCOME AND EXPENDITURES

Item	Parties	State	Parties and State
<u>Income</u>			
From 1993-94 budget	\$140,000.00	\$140,000.00	\$280,000.00
Balance from 1992-93 budget	(1,688.35)	---	(1,688.35)
From budget penalties	703.89	---	703.89
Total income	\$139,015.54	\$140,000.00	\$279,015.54
<u>Expenditures</u>			
Salaries and wages	\$55,638.50	\$55,638.50	\$111,277.00
Operating expenses			
Miscellaneous indirect costs*	90,406.00	90,406.00	180,812.00
Travel in State	362.00	362.00	724.00
Training	750.00	750.00	1,500.00
Printing	37.50	37.50	75.00
Equipment	149.00	149.00	298.00
Other**	203.00	203.00	406.00
Total Expenditures	\$147,546.00	\$147,546.00	\$295,092.00
Balance	(\$8,530.46) ***		
<p>* Rent, utilities, auto rental, communications, retirement, employees' health plan, and workmen's compensation insurance. ** General supplies, equipment rental, and engineering contracts. *** Total debit to parties in 1993-94 fiscal year, subject to delayed charges or credits.</p>			

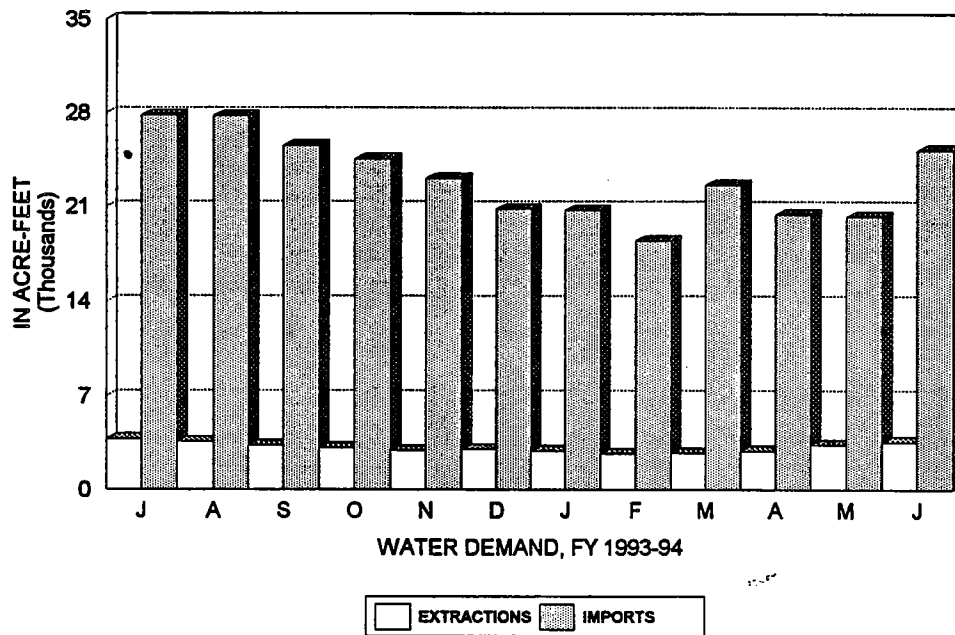
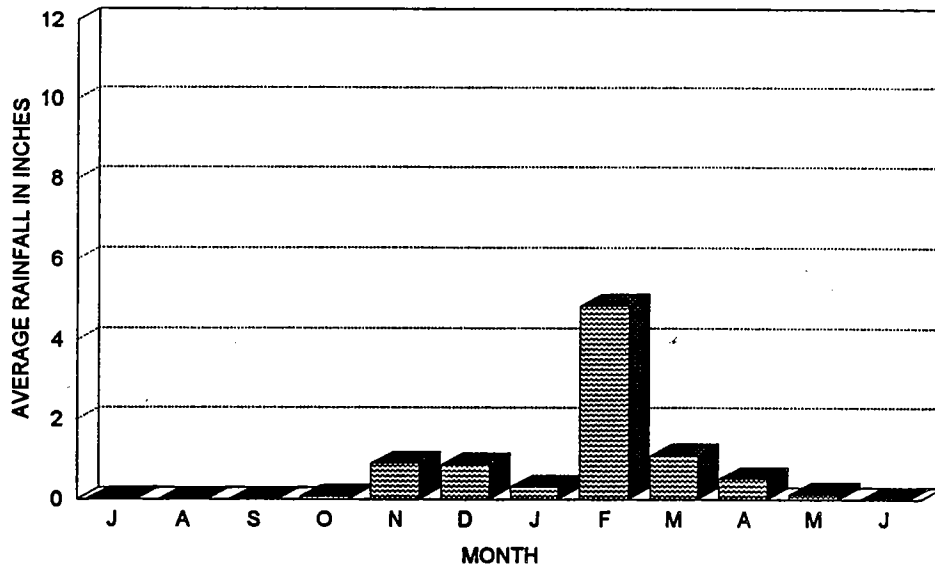


Figure 2 - MONTHLY BASIN RAINFALL AND WATER DEMAND

III. DETAILS OF WATER USE AND OPERATIONS

Basin operations are reported in the following tables and figures.

Precipitation

Figure 3 - Precipitation Stations and Barrier Projects (p. 17)

Operations

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Plate 2 - Water Service Areas of Individual Producers, June 1994 (bound at back of report)

Table 11 - Gross Water Use (p. 23)

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- Figure 5 - Lines of Equal Water Level Elevation at Wells at the Silverado Aquifer, Fall 1993 (p. 26)
- Figure 6 - Lines of Equal Water Level Elevation at Wells in the Silverado Aquifer, Spring 1994 (p. 27)
- Figure 7 - Lines of Equal Change in Water Level Elevations at Wells in the Silverado Aquifer, Spring 93 to 94 (p. 28)
- Figure 8 - Fluctuations of Water Level Elevations at Wells in the Upper Pleistocene and Recent Aquifers (p. 29)
- Figure 9 - Fluctuations of Water Level Elevations at Wells in the Silverado Aquifer (p. 30)
- Figure 10 - Fluctuations of Water Level Elevations at Wells in the Merged Phases of the Silverado and Lynwood Aquifers (p. 31)
- Plate 3 - Locations of Wells, June 1994 (bound at back of report)

Costs

- Table 12 - Approved Budget (p. 25)
- Table 13 - Apportionment of Parties' Share of Budget (p. 32)

Water Rights

- Table 14 - Transfers of Adjudicated Rights (p. 33)

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TABLE 5. BARRIER OPERATIONS

Item	West Coast Basin	Dominguez Gap
Quantity injected, in acre-feet	16,162.1	5,393.7
Average injection rate, in cubic feet per second	22.3	7.4
Number of injection wells	154	41.0
Number of observation wells	280	262.0
Number of observation wells to be added during 1994-95 fiscal year	12	0
Number of injection wells to be added during 1994-95 fiscal year	0	0
Information provided by the Los Angeles County Department of Public Works.		

TABLE 6. EXCHANGE POOL OFFERS

Party	Amount in acre-feet		Price per acre-foot	Charge for Exchange Water
	Offered	Released		
<u>Mandatory Offers</u>				
Atlantic Richfield Company	309			
California Water Service Company	*			
Chevron U S A, Inc.	0			
Dominguez Water Corporation	0			
El Segundo, City of	*			
Fletcher Oil and Refining Company	0			
Hawthorne, City of	0			
Hollywood Park Operating Company	197		\$175	
Inglewood, City of	0			
Lomita, City of, Water System (WWD13)	77		200	
Long Beach, City of	*			
Los Angeles, City of, DWP	0			
Los Angeles County Alondra Park	0			
Los Angeles County Sanitation Dist. 2	*			
L A County C. Washington Golf Course	146		200	
Manhattan Beach, City of	0			
Mobil Oil Corporation	0			
Rhone-Poulenc Basic Chemicals Co.	27		483	
Shell Oil Company	669		250	
Southern California Water Company	0			
Texaco Refining and Marketing, Inc.	*		750	
Torrance, City of	*			
Union Oil Company of California	560		875	
Total	1,985	0		\$0.00
<u>Voluntary Offers</u>				
California Water Service Company	350	0	\$150	
Florence R. Gillingham et al	2	0	90	
Shell Oil Company	31	0	250	
Fletcher Oil and Refining Company	90	0	220	
GATX Tank Storage Terminals Corporation	171	0	220	
Southern California Edison Company	50	0	175	
Total	694			
* Exchange Pool forms not received by Watermaster.				

TABLE 7. EXCHANGE POOL REQUESTS

Party	Amount of Water Received, In acre-feet	Cost of Exchanged Water
None		

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

Pumper	State Well No.	Amount Pumped, in acre-feet
<u>Nonparties</u>		
Carson Auto, Inc.	04S/13W-15K05 S	0.12
Total		0.12
<u>Parties with Zero Adjudicated Rights</u>		
Desser Enterprises	04S/13W-15Q01 S	11.47
Hughes Aircraft Company	04S/14W-22L02 S	0.00
Inglewood Park Cemetery	02S/14W-27N02 S	128.07
Mayflower Nurseries	04S/14W-25K06 S	0.00
Otani, Chisato	04S/14W-33R04 S	0.00
Zeigler, Maxwell T.	03S/13W-31M01 S	0.00
Total		139.54

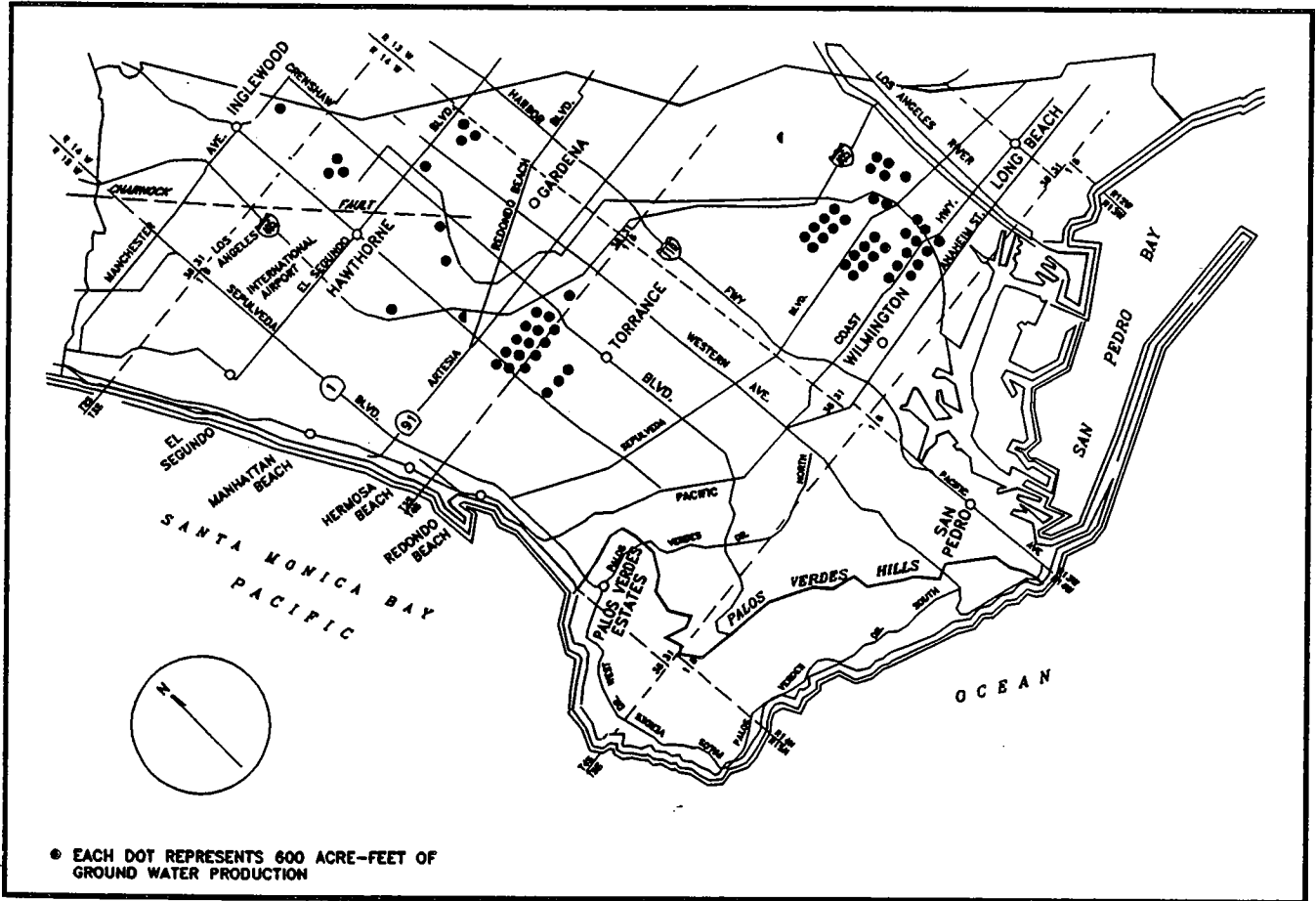


FIGURE 4 - PATTERN OF GROUND WATER PRODUCTION FOR JULY 1993 TO JUNE 1994

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

Party	In-lieu Amount Reserved
Atlantic Richfield Oil Company	1,238.40
California Water Service Company	4,047.30
Dominguez Water Corporation	5,913.16
Hawthorne, City of	772.70
Inglewood, City of	4,700.00
Los Angeles, City of, DWP	1,505.25
Manhattan Beach, City of	1,123.56
Mobil Oil Company	841.58
Southern California Water Company	2,151.30
Torrance, City of	3,800.00
Total	26,093.25

TABLE 10. IMPORTED WATER
In acre-feet

Source of Water	Water Purveyor	Quantity	
		1992-93	1993-94
Colorado River, State Water Project and Central Basin ground water	City of Long Beach	45,052	35,510
Colorado River and State Water Project	West Basin Municipal Water District:		
	California Water Service Company	10,420	14,095
	Dominguez Water Corporation	22,749	34,046
	El Segundo, City of	18,518	18,664
	Hawthorne, City of	3,001	4,996
	Inglewood, City of	7,355	12,534
	Lomita, City of	2,562	2,490
	Los Angeles County Department of Public Works*	26,268	21,958
	Los Angeles County Waterworks District No. 29	8,038	8,286
	Manhattan Beach, City of	4,910	6,562
	Southern California Water Company	22,675	31,080
	WMWD Subtotal	126,496	154,711
Colorado River and State Water Project	Torrance, City of	19,858	20,764
Owens River-Mono Basin and Colorado River	Los Angeles, City of	49,636	56,537
	Total imported water	241,042	267,522
* West Coast Basin and Dominguez Gap Barrier Projects.			

TABLE 11. GROSS WATER USE
In acre-feet

Party	Total Ground Water Extractions	Purchased Supply		Total Water Use
		Imported*	Within Basin**	
A B C Nursery, Inc.	20.79			20.79
Allied-Signal, Inc.	0.00			0.00
American Plant Growers, Inc.	49.08			49.08
Asahi Fancy Koi, Inc.	0.00		***	0.00
Atlantic Richfield Company	8,483.87		8,471.87	16,955.74
Automation Industries, Inc.	0.00		***	0.00
Black, Dana	0.00			0.00
Brandsma, Maynard	0.00			0.00
CBS, Inc.	0.00			0.00
California-American Water Co. (nonparty)	0.00	3,420.20		3,420.20
California Water Service Company	22.16	14,095.00		14,117.16
Carson-Harbor Village Mobile Home Park	0.00			0.00
Carson-Madrona Company	0.00			0.00
Century Builders	0.00			0.00
Chandler Palos Verdes Sand and Gravel	142.06			142.06
Chevron U S A, Inc.	0.00			0.00
Coastline Church of Christ	0.00			0.00
Curtis, Owen W.	0.00			0.00
Delaney, Golda, Estate of	0.00			0.00
Desser Enterprises	11.47			11.47
Dominguez Water Corporation	39.41	34,045.90		34,085.31
El Segundo, City of	0.00	18,664.20		18,664.20
Engelsma, Jake	0.00			0.00
Evergreen America Corporation	0.00			0.00
Fletcher Oil and Refining Company	0.00			0.00
Fujimoto, S.R., S.T., and J.K.	10.20			10.20
GATX Tank Storage Terminals Corporation	0.00			0.00
Gillingham, Florence R., et al.	0.00			0.00
Hawthorne, City of	1,297.50	4,995.90		6,293.40
Hillside Memorial Park	56.22		50.00 E	106.22
Hollywood Park Operating Company	233.73		329.98	563.71
Honold, Kristin Brandsma	0.00			0.00

TABLE 11. GROSS WATER USE (cont.)
In acre-feet

Party	Total Ground Water Extractions	Purchased supply		Total Water Use
		Imported*	Within Basin**	
Hughes Aircraft Company	0.00		52.00	52.00
Inglewood, City of	17.25	12,533.60		12,550.85
Inglewood Park Cemetery	128.07			128.07
Leuzinger, Emma L., Estate of	0.00			0.00
Lomita, City of, Water System (WWD13)	0.00	2,489.60		2,489.60
Long Beach, City of	0.00	35,510.00		35,510.00
Lopes, Frank	0.00			0.00
Los Angeles, City of, DWP	0.00	56,537.00		56,537.00
Los Angeles County				
Alondra Park	0.00			0.00
Sanitation District 2	120.35		327.72	448.07
Chester Washington Golf Course	4.54			4.54
Waterworks District 29	0.00	8,286.40	50.00 E	8,336.40
Loyola Marymount University	0.00			0.00
Manhattan Beach, City of	7.64	6,561.70	7.93	6,577.27
Mayflower Nurseries	0.00			0.00
McDonnell Douglas Corporation	0.00			0.00
Mobil Oil Corporation	8,613.19		1,089.94	9,703.13
Mori, Roy H. and Kenji	0.00			0.00
Northrop Corporation	0.00			0.00
Nozaki, Sumikichi	0.39			0.39
Pacific Crest Cemetery Company	0.98			0.98
Palos Verdes Begonia Farm	0.00			0.00
Rehor, Josephine P.	0.00			0.00
Rhone-Poulenc Basic Chemicals Company	390.04		164.54	554.58
Rolling Hills Vista	0.00			0.00
Roman Catholic Archbishop of Los Angeles	91.09			91.09
Shell Oil Company	0.00		4,472.03	4,472.03
Signal Hill, City of (nonparty)	0.00			0.00
Southern California Edison Company	15.50			15.50
Southern California Water Company	5,108.24	31,079.50	9.48	36,197.22
Sparkletts Drinking Water Corporation	14.95			14.95

TABLE 11. GROSS WATER USE (cont.)
In acre-feet

Party	Total Ground Water Extractions	Purchased supply		Total Water Use
		Imported*	Within Basin**	
Texaco Refining and Marketing, Inc.	5,712.60		302.09	6,014.69
Thorpe, Gregory B.	0.00			0.00
Thorpe, Terrence	0.00			0.00
Torrance, City of	315.51	20,764.00		21,079.51
Union Oil Company of California	5,266.30		7,516.42	12,782.72
Watson Land Co.	0.00		50.00 E	50.00
Watt Industrial Properties	0.00			0.00
Wiseburn School District	0.00			0.00
Zeigler, Maxwell T.	0.00			0.00

* Imports from MWD or member agency unless otherwise noted.
 ** Purchased from municipal, mutual, or public utility water agency.
 *** Domestic use with consumption less than 1 acre-foot.
 E Estimated

TABLE 12. APPROVED BUDGET

Salaries and wages	\$ 94,800.00		
Operating expenses	<u>185,200.00</u>		
Total budget	\$280,000.00		
One-half payable by State		\$140,000.00	
One-half payable by parties			\$140,000.00
Estimated carryover from previous year (+) deficit, (-) credit			<u>0.00</u>
Total amount to be billed			\$140,000.00

FIGURE 5

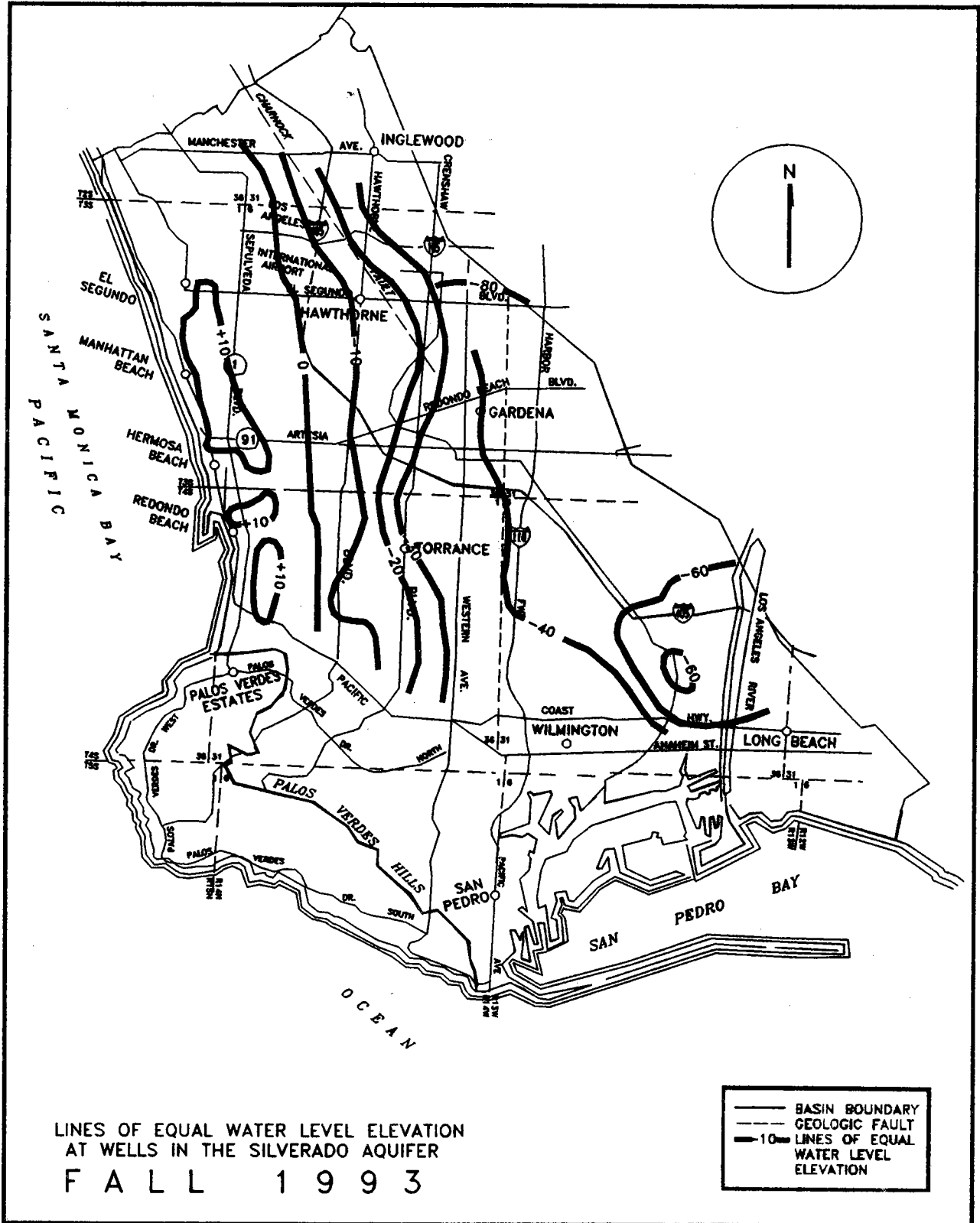


FIGURE 6

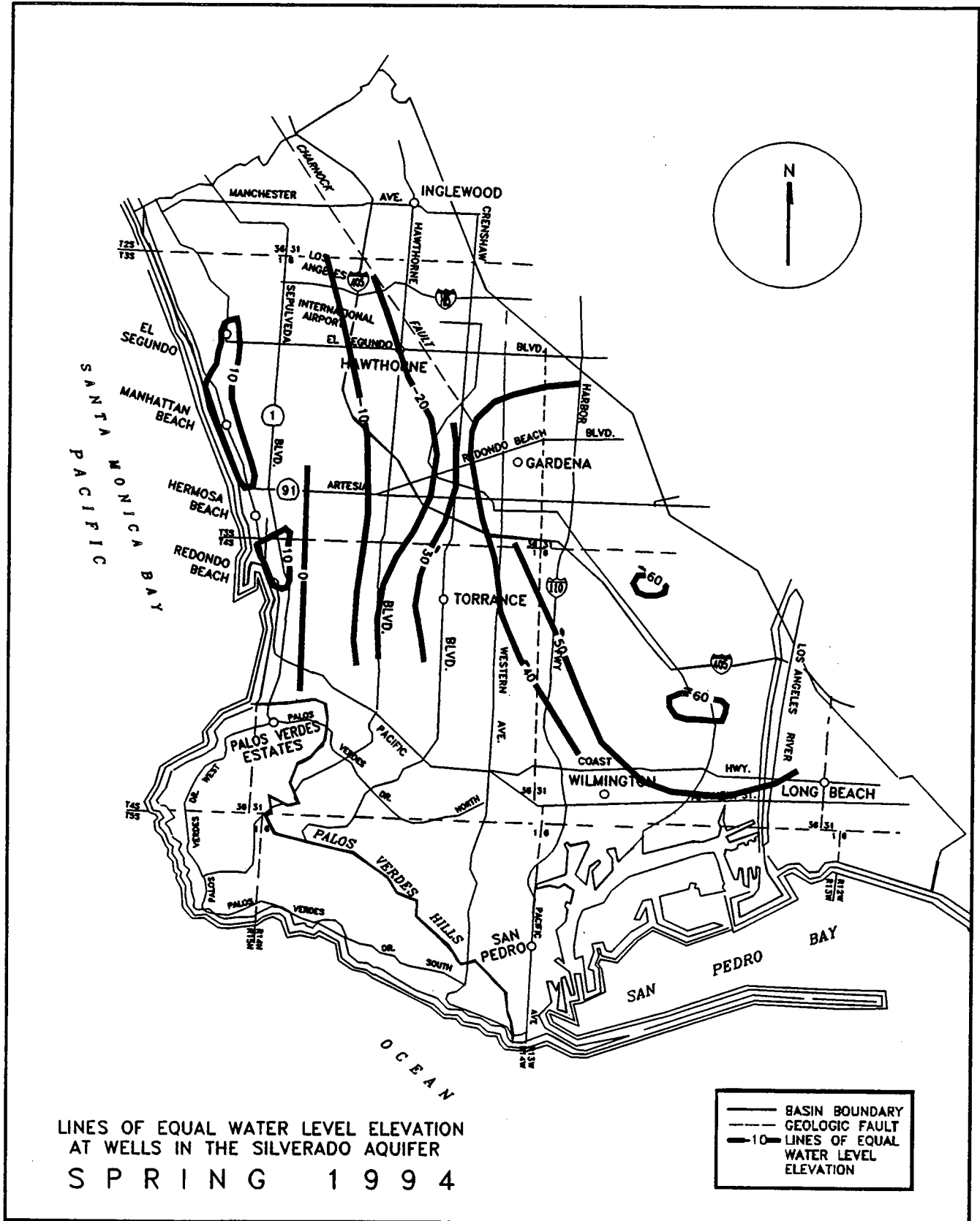
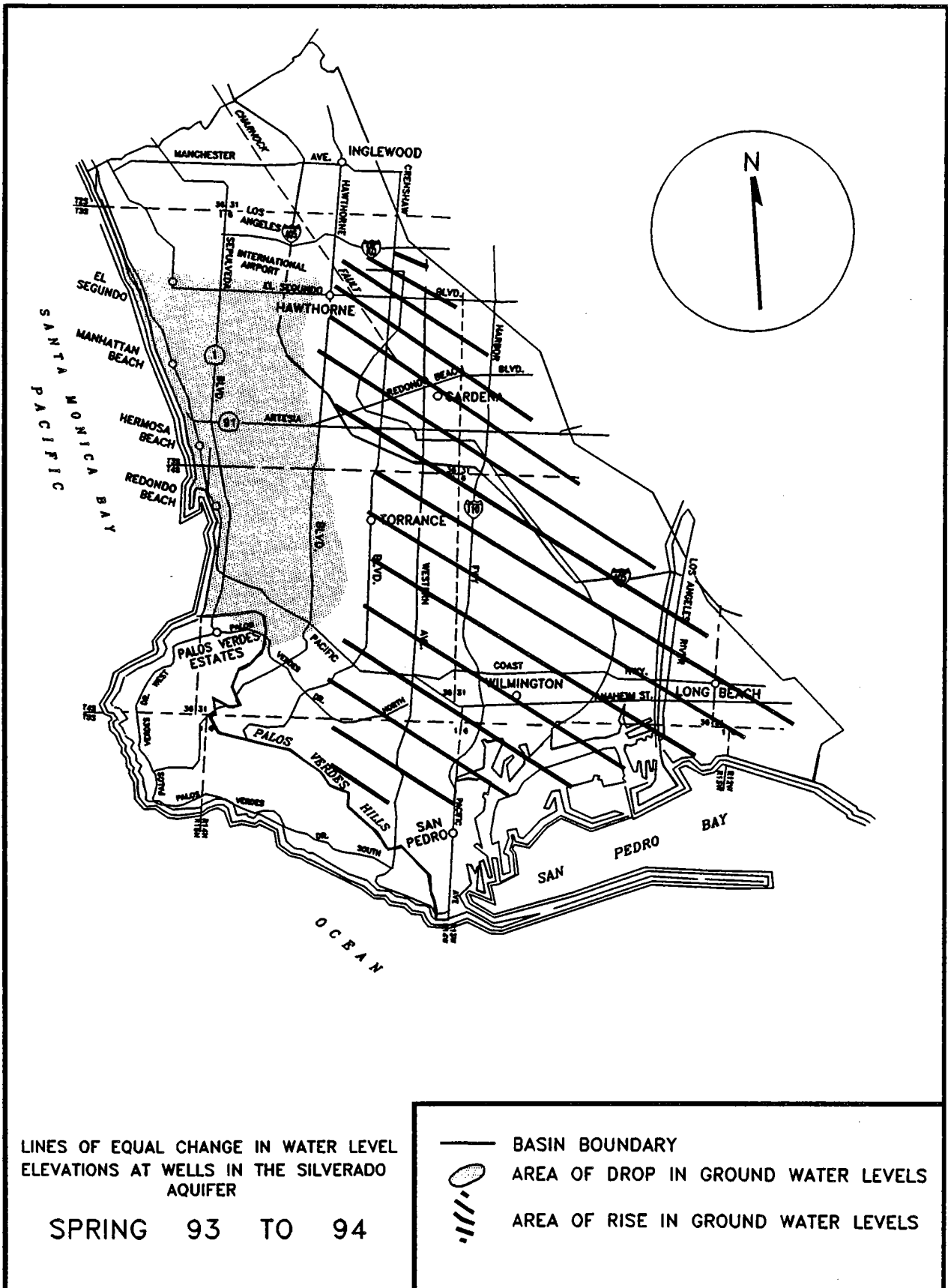


FIGURE 7



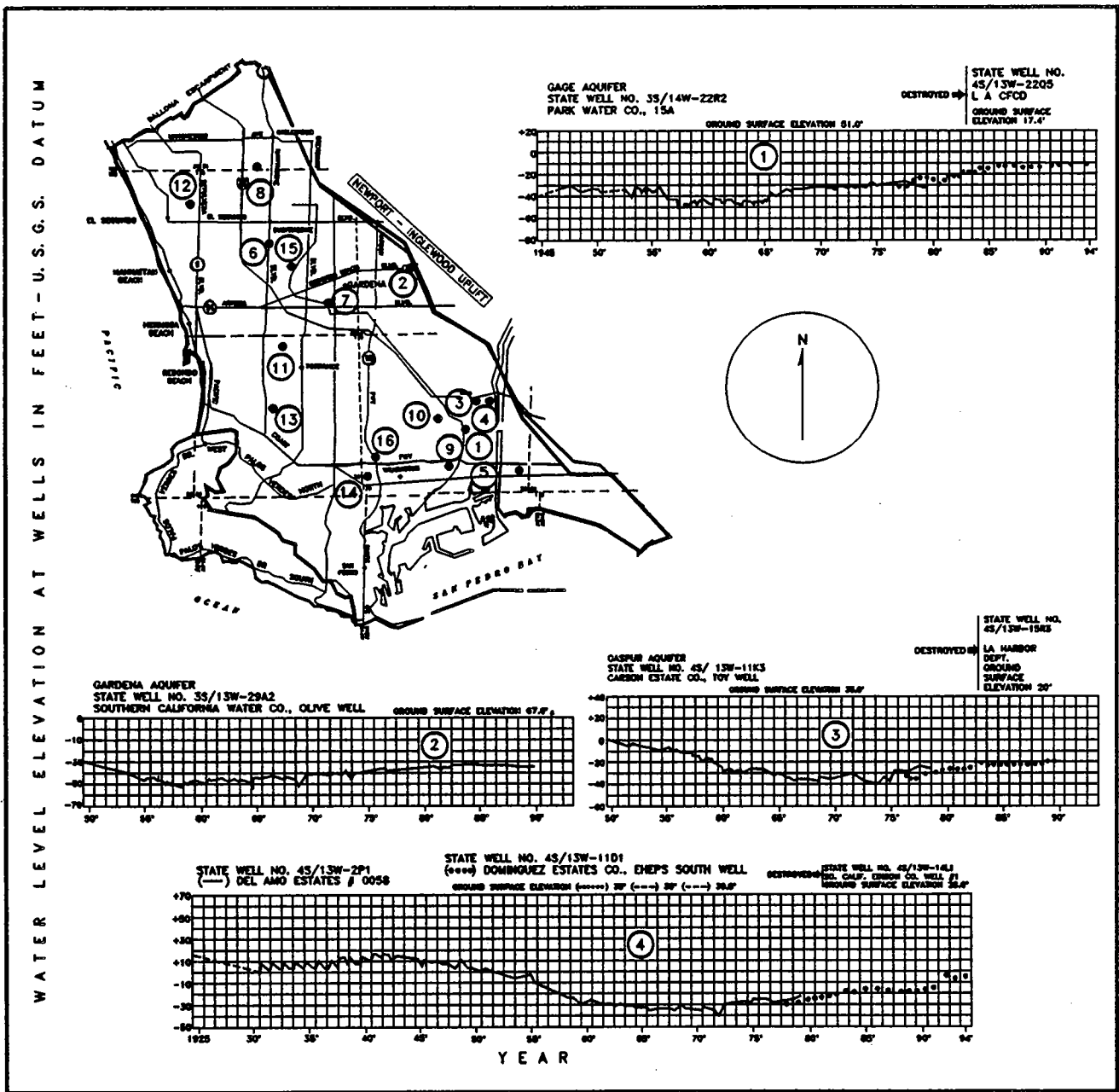


FIGURE 8 - FLUCTUATIONS OF WATER LEVEL ELEVATIONS AT WELLS IN THE UPPER PLEISTOCENE AND RECENT AQUIFERS

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

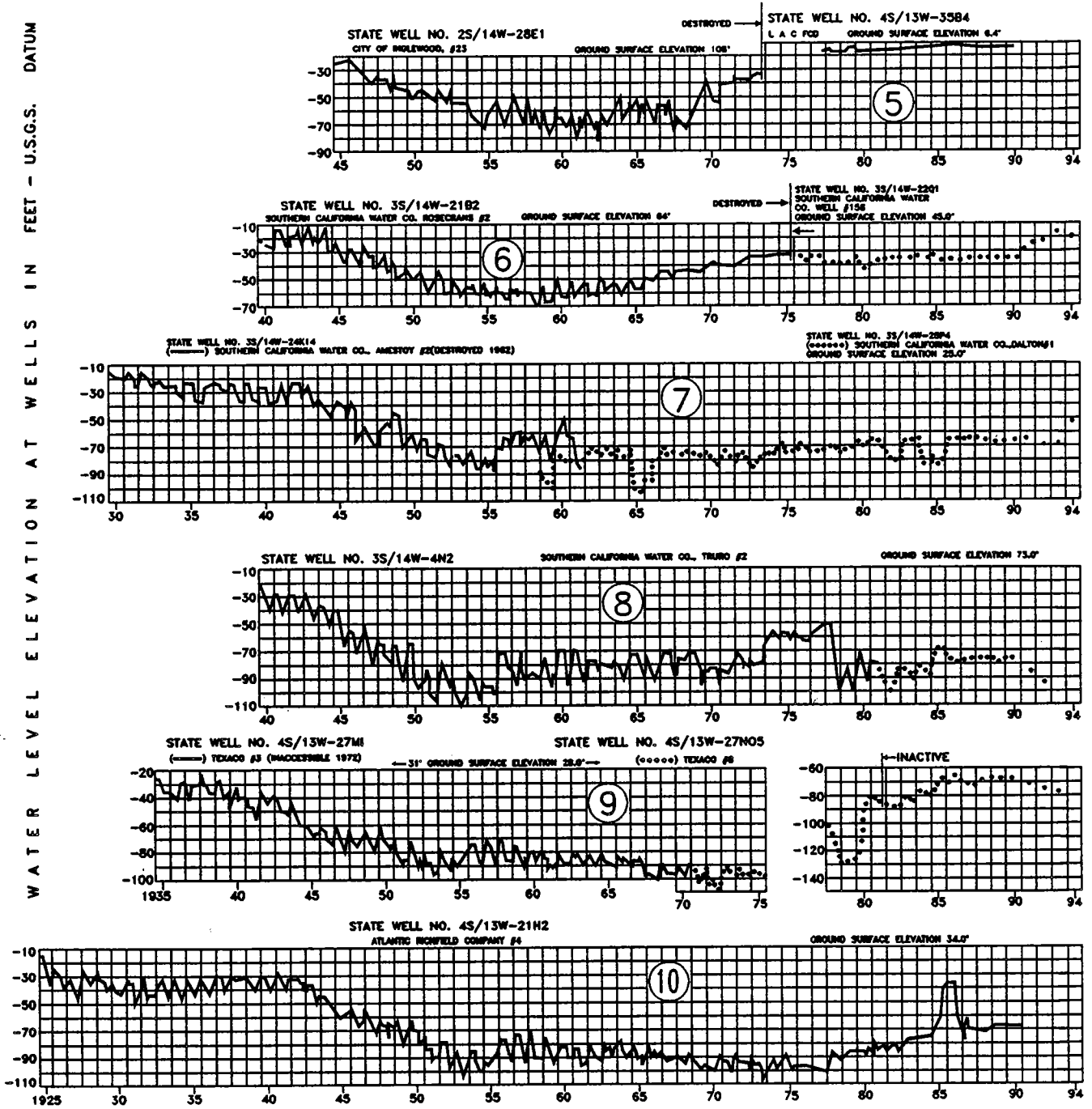


FIGURE 9 - FLUCTUATIONS OF WATER LEVEL ELEVATIONS AT WELLS IN THE SILVERADO AQUIFER

WATER LEVEL AT WELLS IN FEET - USGS DATUM

MERGED GARDENA, LYWOOD AND SILVERADO AQUIFERS

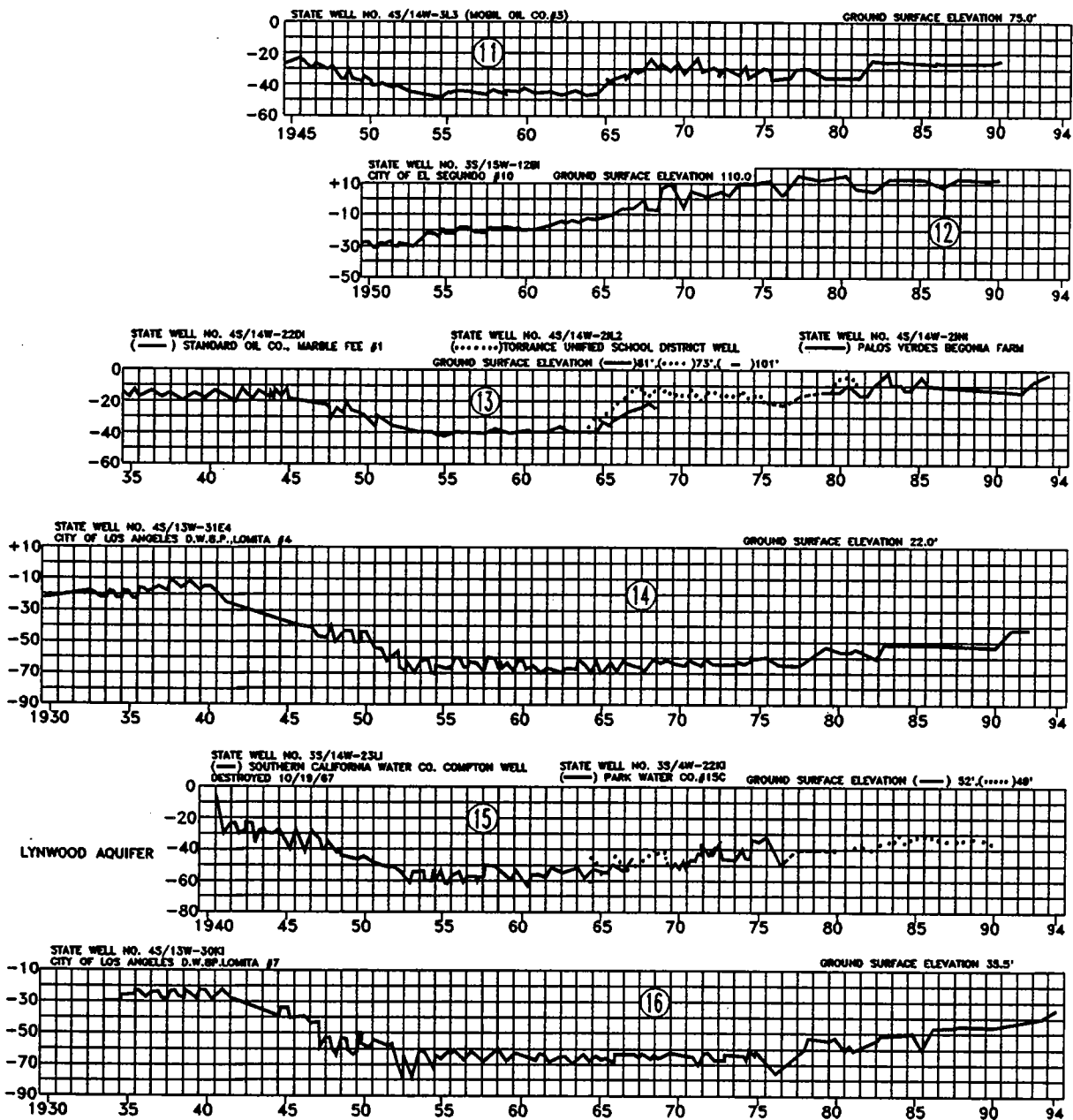


FIGURE 10 - FLUCTUATIONS OF WATER LEVEL ELEVATIONS AT WELLS IN THE MERCED PHASES OF SILVERADO AND LYWOOD AQUIFERS

TABLE 13. APPORTIONMENT OF PARTIES' SHARE OF BUDGET

Party Name	Adjudicated Right (In acre-feet)	Apportionment Paid
A B C Nursery, Inc.	24.10	\$52.55
Allied-Signal, Inc. (Torrance)	22.50	49.06 *
Allied-Signal, Inc. (El Segundo)	255.00	556.04
American Plant Growers, Inc.	10.00	21.81
Atlantic Richfield Company	5,309.00	11,576.51
Black, Dana	11.80	25.73
Brandsma, Maynard	11.80	25.73
California Water Service Company	4,070.00	8,874.82
Carson-Madrona Company	104.00	226.78
Chandler Palos Verdes Sand & Gravel	294.20	641.52 *
Chevron U S A, Inc.	4,601.30	10,033.34
Dominguez Water Corporation	10,150.65	22,133.95
El Segundo, City of	953.00	2,078.06
Fletcher Oil and Refining Company	90.00	196.25 *
Fujimoto, Samuel R.	20.00	43.61
Gillingham, Florence R. ET AL	2.40	5.23
Hawthorne, City of	1,882.00	4,103.79
Hillside Memorial Park	68.70	149.80
Hollywood Park Operating Co.	282.00	614.91
Honold, Kristin Brandsma	11.80	25.73 *
Inglewood, City of	4,449.89	9,703.18
Los Angeles, City of, DWP	1,503.00	3,277.36
Los Angeles County Alondra Park	67.70	147.62
Los Angeles County Sanitation District 2	102.00	222.42
Lomita, City of Water System	1,352.00	2,948.10
L A County, Chester Washington Golf	296.00	645.44
Loyola Marymount University	48.10	104.88
Manhattan Beach, City of	1,131.20	2,466.63
Mobil Oil Corporation	2,596.40	5,661.57 *
Nozaki, Sumikichi	7.00	15.26 *
Pacific Crest Cemetery Company	39.40	85.91
Rehor, Josephine P.	2.20	4.80 *
Rhone-Poulenc Basic Chemicals Co.	521.00	1,136.06
Roman Catholic Archbishop of L A	72.30	157.65
Shell Oil Company	1,019.50	2,223.07
Southern California Edison Company	57.10	124.51
Southern California Water Company	7,259.64	15,829.97
Sparkletts Drinking Water Corporation	152.60	332.75
Texaco Refining and Marketing, Inc.	3,432.00	7,483.63 *
Thorpe, Gregory B.	11.80	25.73
Thorpe, Terrence	11.80	25.73
Torrance, City of	5,638.86	12,295.79
Union Oil Company of California	6,170.00	13,453.96
Watson Land Co.	80.20	174.88
Wiseburn School District	8.20	17.88
Total	64,204.14	\$140,000.00

* Delayed payment, penalty assessed. A total of \$703.89 was collected in penalties.

TABLE 14. TRANSFERS OF ADJUDICATED RIGHTS

Party	Transaction *	Amount In acre-feet	Date	Party
Allied-Signal, Inc.	Lease with flex	(255.00)	07/21/93	To Mobil Oil Corp.
American Plant Growers, Inc.	Lease with flex	40.00	07/16/93	From Hollywood Park Operating Co.
Atlantic Richfield Co.	Lease with flex	1,000.00	07/05/93	From Chevron U S A, Inc.
	Lease with flex	1,000.00	07/06/93	From Chevron U S A, Inc.
	Lease with flex	1,000.00	07/19/93	From Lomita, City of Water Corp.
	Lease with flex	2,000.00	03/02/94	From Dominguez Water Corp.
Black, Dana	Lease with flex	(11.80)	07/05/93	To Dominguez Water Corp.
Brandsma, Maynard	Lease with flex	(11.80)	07/06/93	To Dominguez Water Corp.
Carson-Madrona Co.	Lease with flex	(104.00)	04/25/94	To Mobil Oil Corp.
Chandler Palos Vrdes Sand/Grav Co.	Lease	(150.00)	06/10/94	To Domingue Water Corp.
Chevron U S A, Inc.	Lease with flex	(1,000.00)	07/05/93	To Atlantic Richfield Co.
	Lease with flex	(1,000.00)	07/06/93	To Atlantic Richfield Co.
	Lease with flex	(1,000.00)	07/07/93	To Mobil Oil Corp.
	Lease with flex	(1,000.00)	07/08/93	To Mobil Oil Corp.
	Lease with flex	(601.30)	07/09/93	To Texaco Refining & Marketing, Inc.
Dominguez Water Corp.	Lease with flex	11.80	07/05/93	From Black, Dana
	Lease with flex	11.80	07/06/93	From Brandsma, Maynard
	Lease with flex	11.80	07/07/93	From Honold, Kristin Brandsma
	Lease with flex	11.80	07/08/93	From Thorpe, Gregory B.
	Lease with flex	11.80	07/09/93	From Thorpe, Terrence
	Lease with flex	(160.00)	01/11/94	To Inglewood Park Cemetery
	Lease with flex	(2,000.00)	03/02/94	To Atlantic Richfield Company
	Lease with flex	(750.00)	03/08/94	To Texaco Revining and Marketing Inc.
	Lease with flex	(2,500.00)	04/05/94	To Mobil Oil Corp.
	Lease with flex	90.00	04/28/94	From Fletcher Oil and Refining Co.
	Lease with flex	80.20	05/11/94	From Watson Land Co.
	Lease	135.00	06/01/94	From Sparkletts Drinking Water Corp.
	Lease	150.00	06/10/94	From Chandler Palos Vrdes Sand/Grav Co.
	Evergreen America Corp.	Purchased	5.40	06/22/94
Fletcher Oil and Refining Co.	Lease with flex	(90.00)	04/28/94	To Dominguez Water Corp.
GATX Tank Storage Terminals Corp.	Lease with flex	(171.00)	07/12/93	To Mobil Oil Corp.
Hollywood Park Operating Co.	Lease with flex	(40.00)	07/16/93	To American Plant Growers, Inc.
Honold, Kristin Brandsma	Lease with flex	(11.80)	07/07/93	To Dominguez Water Corp.
Inglewood Park Cemetery	Lease with flex	160.00	01/11/94	From Dominguez Water Corp.
Lomita, City of, Wtr Sys (WWD13)	Lease with flex	(1,000.00)	07/19/93	To Atlantic Richfield Co.
	Lease with flex	(350.00)	08/24/93	To Mobil Oil Corp.

* Lease with flex: Carryover provisions included with lease.

TABLE 14. TRANSFERS OF ADJUDICATED RIGHTS (Cont.)

Party	Transaction *	Amount In acre-feet	Date	Party
Mobil Oil Corp.	Lease with flex	1,000.00	07/07/93	From Chevron U S A, Inc.
	Lease with flex	1,000.00	07/08/93	From Chevron U S A, Inc.
	Lease with flex	171.00	07/12/93	From GATX Tank Storage Terminals Corp.
	Lease with flex	1,206.80	07/16/93	From Shell Oil Company
	Lease with flex	30.00	07/20/93	From Pacific Crest Cemetery Co.
	Lease with flex	255.00	07/21/93	From Allied-Signal, Inc.
	Lease with flex	350.00	08/24/93	From Lomita, City of Water System
	Lease	111.00	02/22/94	From Rhone-Poulenc Basic Chemicals Co.
	Lease with flex	2,500.00	04/05/94	From Dominguez Water Corp.
	Lease with flex	104.00	04/25/94	From Carson-Madrone Co.
Pacific Crest Cemetery Co.	Lease with flex	(30.00)	07/20/93	To Mobil Oil Corp.
Pothos Corp.	Sold	(5.40)	06/22/94	To Evergreen America Corp.
Rhone-Poulenc Basic Chemicals Co.	Lease	(111.00)	02/22/94	To Mobil Oil Corp.
Shell Oil Co.	Lease with flex	(1,206.80)	07/16/93	To Mobil Oil Corp.
Sparkletts Drinking Water Corp.	Lease	(135.00)	06/01/94	To Dominguez Water Corp.
Texaco Refining & Marketing, Inc.	Lease with flex	601.00	07/09/93	From Chevron U S A Inc.
	Lease with flex	750.00	03/08/94	From Dominguez Water Corp.
Thorpe, Gregory B.	Lease with flex	(11.80)	07/08/93	To Dominguez Water Corp.
Thorpe, Terrance	Lease with flex	(11.80)	07/09/93	To Dominguez Water Corp.
Watson Land Co.	Lease with flex	(80.20)	05/11/94	To Dominguez Water Corp.
* Lease with flex: Carryover provisions included with lease.				

APPENDIX A

CONTINUING HISTORY OF

WATERMASTER

SERVICE AND ADMINISTRATION

OF JUDGMENT

Appendix A

CONTINUING HISTORY OF WATERMASTER SERVICE

History of Water Resources Development

The absence of adequate surface water supplies in the West Coast Basin forced the early development of ground water 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 10,000 acre-feet annually.

The techniques used to develop ground water 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.

Ground water quality deterioration continued until 1945, when the California Water Service Company, the City of Torrance, and the Palos Verdes Water Company filed suit in Superior Court, Los Angeles County. Their objectives were to quiet title to the ground water rights of each pumper and to establish control over ground water 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 ground water 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 ground water 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 ground water conditions to draft an Interim Agreement that reduced ground water 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 ground water 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 increase the actual nonconsumptive production of up to 5000 acre-feet. Mobil Oil Corporation was granted a permit following an October 22, 1991 hearing, 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 to 2 acre-feet or 20 percent of Adjudicated Right, whichever is greater.

Watermaster Service

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

Once a month, every ground water 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 ground water extractions is absolutely necessary to the success of the Basin's management plan. Therefore, the field staff calibrates the water meter on every active water well at least once every two years. Every available means, including system efficiency tests, is used to confirm water meter test results. Inaccurate meters must be repaired in 30 days. Follow up tests on repaired meters and initial tests on new meters are scheduled whenever necessary.

One time in the fall and in the spring of each year the depth to the static ground water level is measured in about 350 water wells in the Basin. The measurements are used to prepare "fall" and "spring" contour maps of ground water elevations and "spring-to-spring" maps of areas of equal change in elevation over a one-year period.

Ground Water Recharge

Natural replenishment of the Basin's ground water 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 crosses the Newport-Inglewood Uplift to supplement the ground water supply in the West Coast Basin. Although the water is not directly applied to the West Coast Basin, this process returns large quantities of water to the ground and substantially increases natural subsurface flow from the Central 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 ground water 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 ground water 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, consisting of a line of 149 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 ground water 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.

Desalter Project

The West Basin Municipal Water District has constructed a 1.5 million gallon per day desalting plant in the City of Torrance. The plant treats brackish ground water. The "pilot" desalter is to demonstrate desalting technology and to improve ground water quality and management.

Reclamation Program

The West Basin Municipal Water District is constructing 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.

Ground Water Levels

The volume of ground water 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 ground water extracted annually.

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

A State Well Number has 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, ground water 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 ground water 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, exceed their entitled extractions, or otherwise make variations in their annual pumping. The procedure thus established is described below.

State well numbers that identify each water well in the West Coast Basin are derived from a system based on the U.S. Public Land Survey. Each number consists of township and range designation, a section number, a letter representing the 40-acre tract in which the well is situated, a sequence number indicating the chronological order in which the well number was assigned, and a letter repre-

senting the base and meridian. The last letter is frequently omitted from well numbers in a single area because all wells there share a single base and meridian. Well numbers are assigned by the Watermaster.

The components of well No. 4S/14W-13D06S, for example, are identified in the following breakdown:

TOWNSHIP RANGE SECTION TRACT SEQUENCE NUMBER BASE AND MERIDIAN
4S 14W 13 D 06 S

THE DERIVATION OF THE COMPONENTS IS ILLUSTRATED BELOW.

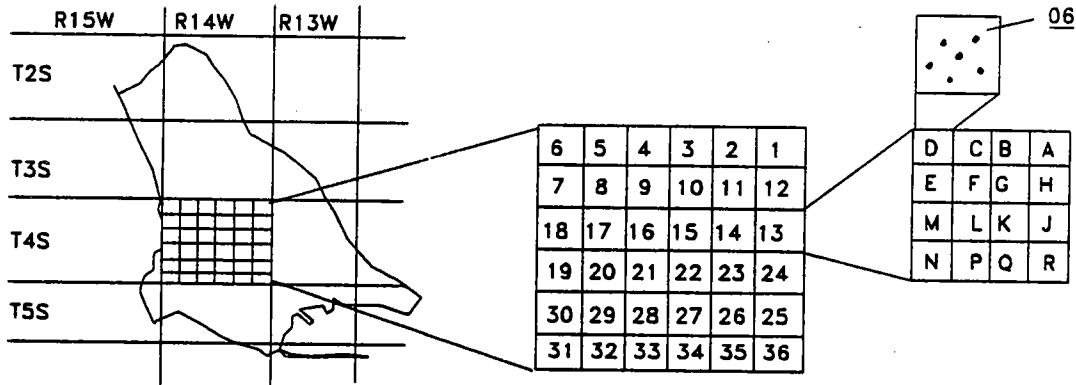


FIGURE 12 - SYSTEM FOR WATER WELL IDENTIFICATION

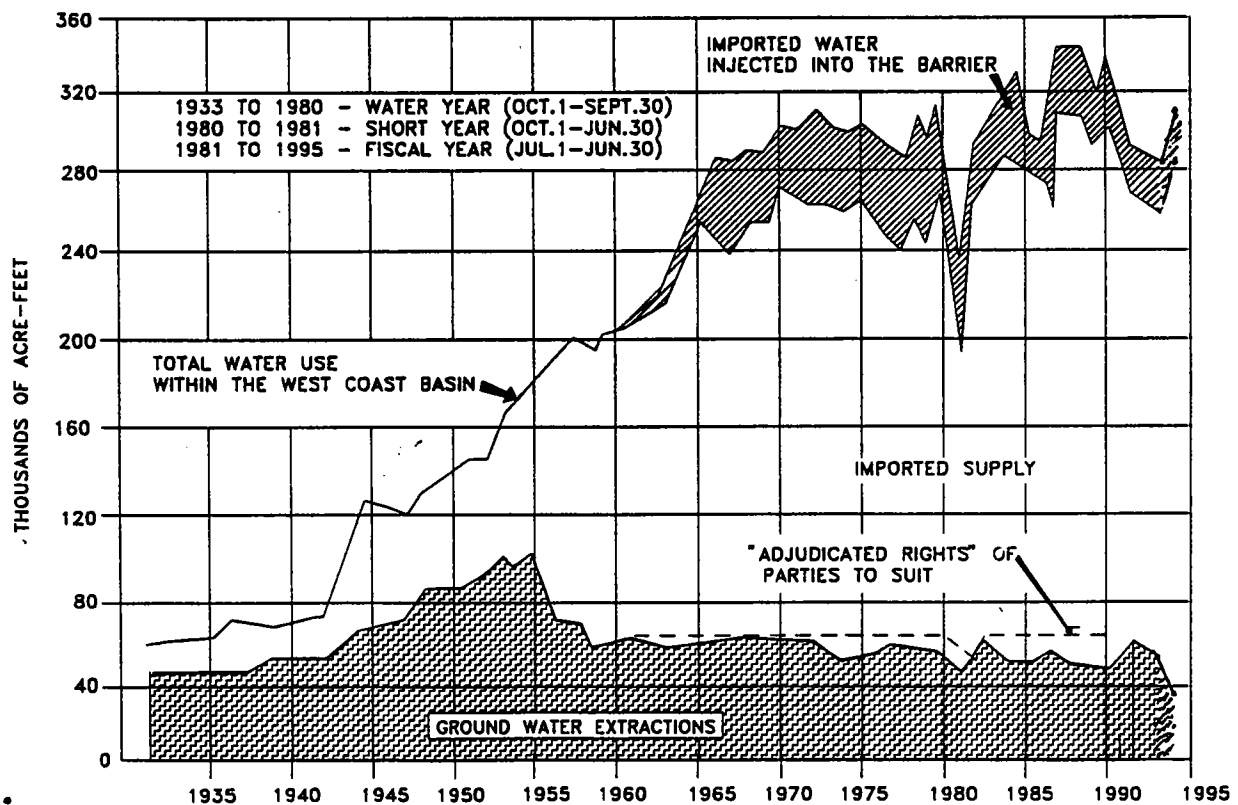


FIGURE 13 - HISTORICAL GROUND WATER EXTRACTIONS AND TOTAL WATER USE

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. Releases are limited by the Judgment.

Once each July the Watermaster opens the Exchange Pool to permit this intramember 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.

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. The cost per acre-foot is the weighted average price per acre-foot of all offers required to meet requests.

Transfers of Adjudicated Rights

Appendix B contains a copy of the documents substantiating each transfer. It also contains samples of recommended lease and sale

agreements. Some documents received by the Watermaster are unnecessarily complex. 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. All leases should specify both amount of Adjudicated Right, to the nearest whole 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 informed him or her of 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. The Watermaster will make 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.

Meter Testing Program

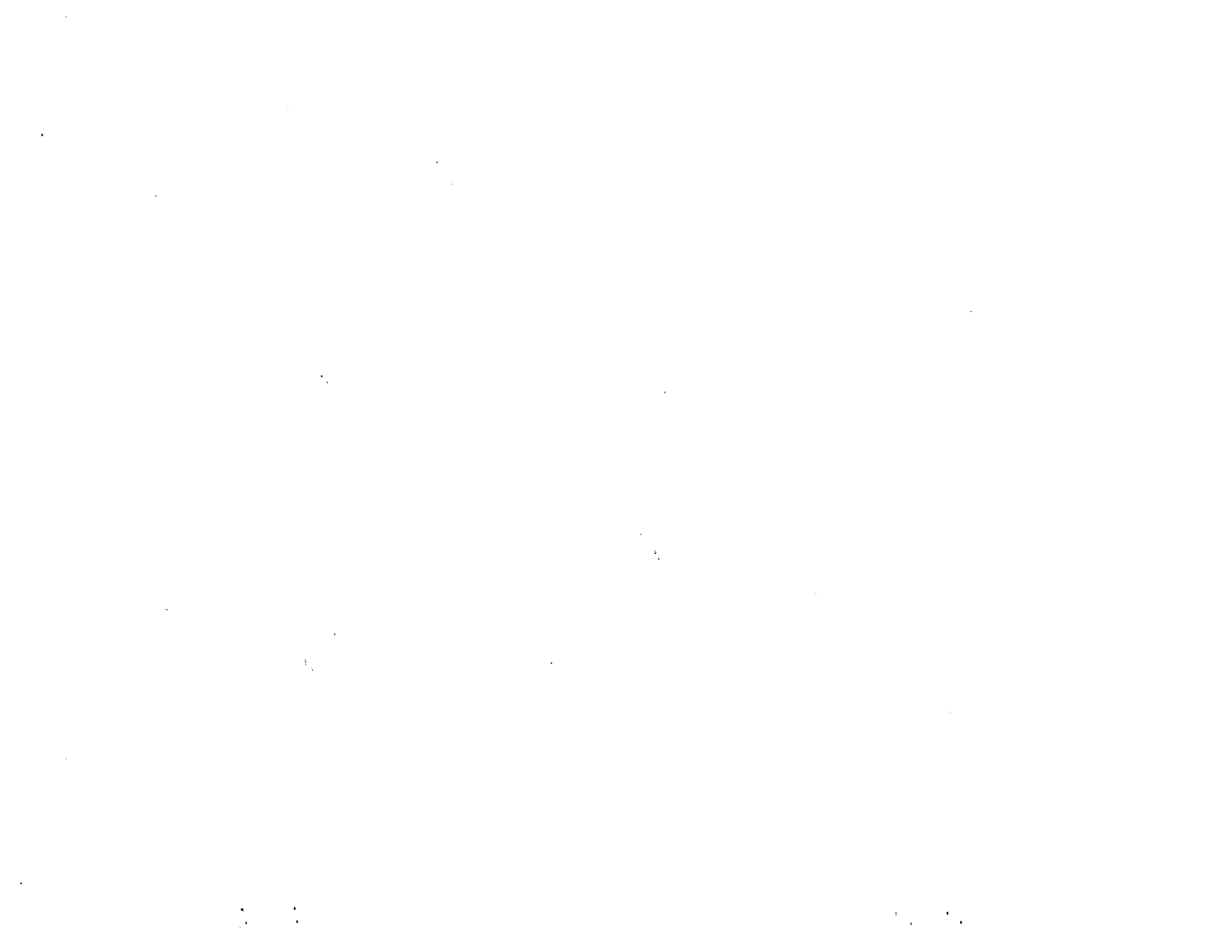
Watermaster schedules all meters to be tested every two years. This year, twenty-two meter tests were performed which included ten retests of meters.

APPENDIX B

**ADJUDICATED RIGHTS OF
WEST COAST BASIN PARTIES**

AND

**COPIES OF DOCUMENTS
SUBSTANTIATING TRANSFERS OF
ADJUDICATED RIGHTS**



APPENDIX B

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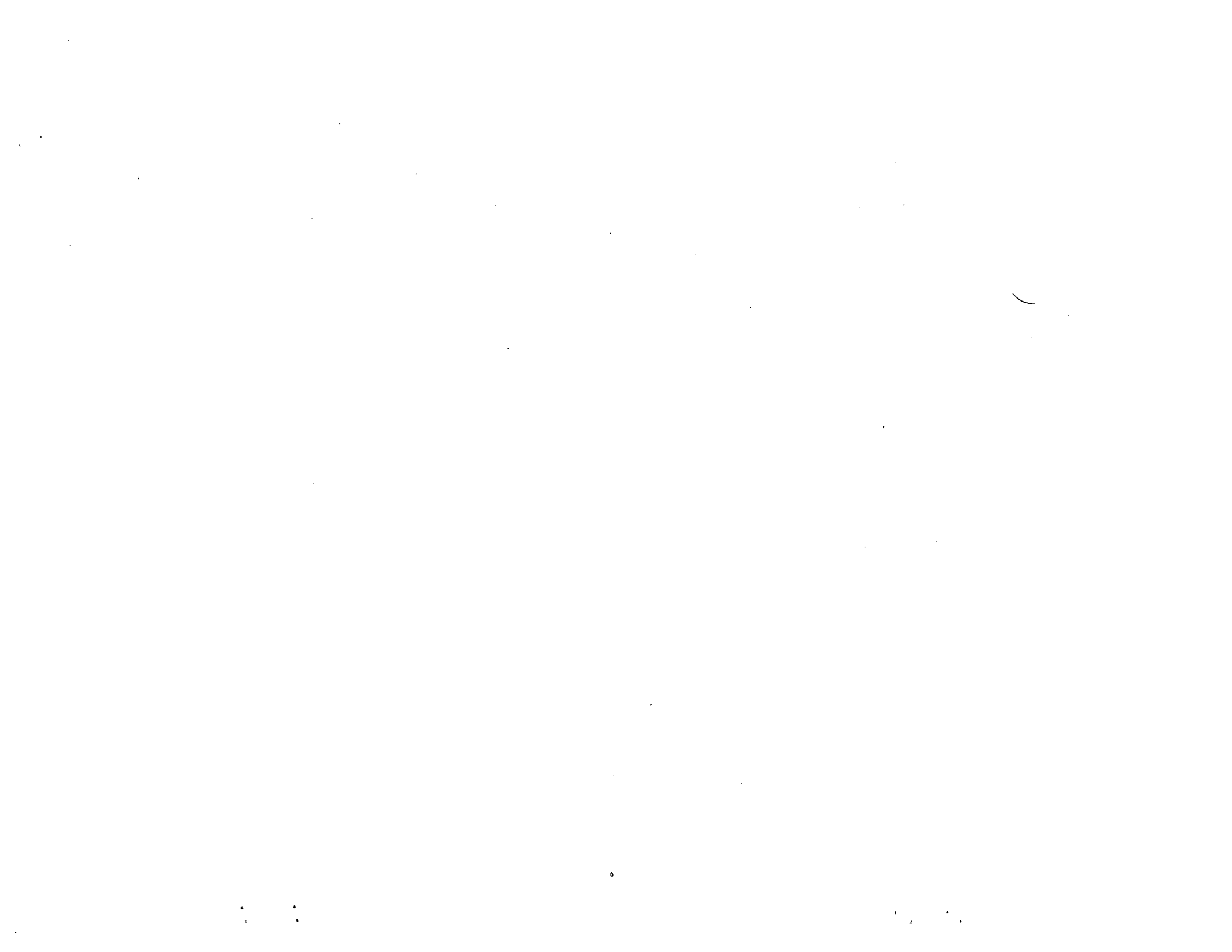
Adjudicated Right of West Coast Basin Parties, June 1994

Copies of Documents Substantiating Transfer of Adjudicated Rights

<u>Lessee/Buyer</u>	<u>Lessor/Seller</u>	
American Plant Growers, Inc.	Hollywood Park Operating Company	55
Atlantic Richfield Company	Chevron U.S.A. Inc. (No. 1) (see 1992-93 report)	
	Chevron U.S.A. Inc. (No. 2) (see 1992-93 report)	
	City of Lomita	55
	Dominguez Water Corporation	56
	Lomita, City of Water System	59
Dominguez Water Corporation	Black, Dana (see 1992-93 report)	
	Brandsma, Maynard (see 1992-93 report)	
	Chandler-Palos Verdes Sand and Gravel Corp . .	56
	Fletcher Oil and Refining Company	56
	Honold, Kristin (see 1992-93 report)	
	Sparkletts Drinking Water Corp.	56
	Thorpe, Gregory (see 1992-93 report)	
	Thrope, Terrance (see 1992-93 report)	
	Watson Land Company	57
Evergreen America Corporation	Pothos Corporation	61
Inglewood Park Cemetery	Dominguez Water Corporation	57
Mobil Oil Corporation	Allied-Signal, Inc. (El Segundo Office)	57
	Carson-Madrona Company	58
	Chevron U.S.A. Inc. (No. 1) (see 1992-93 report)	
	Chevron U.S.A. Inc. (No. 2) (see 1992-93 report)	
	Dominguez Water Corporation	58
	GATX Tank Storage Terminal Corporation	58
	Lomita, City of	59
	Pacific Crest Cemetery Company	59
	Rhone-Poulenc Basic Chemicals Company	59
	Shell Oil Company	60
Texaco Refining & Marketing Inc.	Chevron U.S.A. Inc (see 1992-93 report)	
	Dominguez Water Corporation	61

Suggested Samples of Documents for Transferring Water Rights

Yearly Lease	64
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APPENDIX B

ADJUDICATED RIGHTS OF WEST COAST BASIN PARTIES, JUNE 1993

ABC NURSERY, INCORPORATED					
SUCCESSOR TO JENKINS, HARRY C	1.80				
SUCCESSOR TO TITTLE, SIDNEY R AND CHARLOTTE M	13.60				
SUCCESSOR TO VERSBURG, WILLIAM AND CLARA B	6.70				
SUCCESSOR IN PART TO UNITED CALIFORNIA BANK	2.00				
TOTAL		24.10			
ABELL, FRANK	1.80				
SOLD TO CITY OF INGLEWOOD	-1.80				
TOTAL		0.00			
ALCAST FOUNDRY, ET AL.					
SUCCESSOR TO CHAS. L. DRAPER, ET AL.	7.20				
SOLD TO CITY OF TORRANCE	-7.20				
TOTAL		0.00			
ALLIED CHEMICAL CORPORATION, GENERAL CHEMICAL COMPANY					
(SEE INDUSTRIAL CHEMICAL DIVISION, ALLIED CHEMICAL CORPORATION)					
MEMBER OF EXCHANGE POOL AS OF JUNE 1990					
ALLIED CORPORATION					
(FORMERLY: ALLIED CHEMICAL CORPORATION, GENERAL CHEMICAL COMPANY)					
INDUSTRIAL CHEMICAL DIVISION, ALLIED CHEMICAL CORPORATION					
CHEMICALS COMPANY OF ALLIED CORPORATION)					
(NOW KNOWN AS ALLIED-SIGNAL, INC)					
ALLIED-SIGNAL, INC (TORRANCE OFFICE)					
SUCCESSOR TO GARRETT CORPORATION, THE	22.50				
ALLIED-SIGNAL, INC (EL SEGUNDO OFFICE)	255.00				
(FORMERLY: ALLIED CORPORATION)					
ALUMINUM COMPANY OF AMERICA					
(SEE UNITED STATES NAVY DEPARTMENT)					
ALMAG, HILARIO S. AND EMMA					
SUCCESSOR TO T C NAVARRO	53.90				
SUCCESSOR TO PEGGY SWICK	5.50				
SOLD TO TORRANCE UNIFIED SCHOOL DISTRICT	-59.40				
TOTAL		0.00			
AMERICAN PLANT GROWERS, INCORPORATED					
SECOND WEST COAST BASIN JUDGMENT	3.60				
SUCCESSOR TO BEN CLIFF DAIRY	7.40				
TOTAL		10.00			
ANDERSON, HERBERT C	80.50				
SOLD TO SPARKLETT'S DRINKING WATER CORPORATION	-80.50				
TOTAL		0.00			
ASAMI FANCY KOI, INCORPORATED					
SUCCESSOR IN PART TO JAKE ENGELSHA	2.00				
ASSOCIATED SOUTHERN INVESTMENT COMPANY					
(FORMERLY EDISON SECURITIES COMPANY)	46.70				
SOLD TO SOUTHERN CALIFORNIA EDISON COMPANY	-46.70				
TOTAL		0.00			
ATLANTIC RICHFIELD COMPANY	4428.00				
(FORMERLY RICHFIELD OIL COMPANY)					
SUCCESSOR TO MANVILLE SALES CORPORATION	481.00				
TOTAL		5309.00			
AUTOMATION INDUSTRIES, INC-HARRIS TUBE					
SUCCESSOR TO HARRIS-TUBE, INCORPORATED	0.70				
BALLMAN, ROSEMARY N	7.00				
SOLD TO UNITED CALIFORNIA BANK	-7.00				
TOTAL		0.00			
BANK OF AMERICA NATIONAL TRUST AND SAVINGS					
ASSOCIATION (TRUST #1-51)	0.10				
RELEASED TO MICHAEL L. ROCKWELL	-0.10				
TOTAL		0.00			
BARCLAY HOLLANDER CORP					
(FORMERLY BARCLAY HOLLANDER CURCI INC)	3.33				
SOLD TO TORRANCE, CITY OF	-3.33				
TOTAL		0.00			
BARCLAY HOLLANDER CURCI INC					
SUCCESSOR IN PART TO JOUCHIN TORRANCE RANCH	3.33				
(NOW KNOWN AS BARCLAY HOLLANDER CORP)	-3.33				
TOTAL		0.00			
BARCLAY, RICHARD AND R. A. WATT					
SUCCESSORS TO ERNA J. OSBORN	32.66				
SUCCESSORS IN PART TO ISABELLA J. GRANE ESTATE	13.55				
SUCCESSORS IN PART TO GEORGE R. NURDOCK	13.75				
SOLD TO CITY OF TORRANCE	-59.96				
TOTAL		0.00			
BAURMAN, GUS A.					
TRANSFERRED TO PALOS VERDES BEGOWIA FARM					
CORPORATION	4.10				
SOLD TO ESTATE OF GOLDA DELANEY	-4.10				
TOTAL		0.00			
BELVIDERE MUTUAL WATER COMPANY	33.40				
SOLD TO CITY OF TORRANCE	-33.40				
TOTAL		0.00			
BLACK, DANA					
SUCCESSOR IN PART TO ESTATE OF JOHN GRANT	11.80				
BOISE CASCADE BUILDING COMPANY					
SUCCESSOR IN PART TO JOUCHIN TORRANCE RANCH	16.92				
SOLD TO INGLEWOOD, CITY OF	-16.92				
TOTAL		0.00			
BRANDSMA, MAYNARD					
SUCCESSOR IN PART TO ESTATE OF JOHN GRANT	11.80				
BURKE, W. P. AND LOIS PRICE	9.50				
SOLD TO H. S. SCOTT	-9.50				
TOTAL		0.00			
CBS INC					
FORMERLY COLUMBIA BROADCASTING SYS INC	9.50				
CALIFORNIA, STATE OF					
SUCCESSOR TO ROBERT L. FULLILOVE	1.00				
SUCCESSOR TO JOE HOMIE JR.	2.20				
SUCCESSOR IN PART TO KELLY PIPE COMPANY	16.30				
SUCCESSOR IN PART TO FLAVIO RODRIGUEZ	4.00				
SUCCESSOR IN PART TO A. H. SMITH, SAM SURBER AND					
FREDA SMITH	2.60				
SOLD TO SPARKLETT'S DRINKING WATER CORPORATION	-26.10				
TOTAL		0.00			
CALIFORNIA WATER SERVICE COMPANY	3071.00				
SUCCESSOR TO PALOS VERDES WATER COMPANY	999.00				
TOTAL		4070.00			
CARSON ESTATE COMPANY	130.00				
SOLD TO DOMINGUEZ WATER CORPORATION	-130.00				
TOTAL		0.00			
CARSON-HARBOR VILLAGE MOBILE HOME PARK					
SUCCESSOR TO ETCHENMENDY, CAROLINE, ESTATE OF	8.20				
TOTAL		8.20			
CARSON-MADRONA COMPANY					
SUCCESSOR TO CHANSLOR-WESTERN OIL AND DEVELOP. CO.	104.00				
CENTURY BUILDERS					
SUCCESSOR TO UNION NURSERY, INCORPORATED	4.70				
TOTAL		4.70			
CHANDLERS PALOS VERDES SAND AND GRAVEL CORPORATION					
SECOND WEST COAST BASIN JUDGMENT	95.20				
SUCCESSOR TO SOUTHWESTERN PORTLAND CEMENT COMPANY	15.00				
SUCCESSOR TO TORRANCE SAND AND GRAVEL CORPORATION	184.00				
TOTAL		294.20			
CHANSLOR-WESTERN OIL AND DEVELOPMENT COMPANY	104.00				
(FORMERLY CHANSLOR-CANFIELD MIDWAY OIL COMPANY)					
SOLD TO CARSON-MADRONA COMPANY	-104.00				
TOTAL		0.00			
CHEMICALS COMPANY OF ALLIED CORPORATION					
(FORMERLY INDUSTRIAL CHEMICAL DIVISION, ALLIED CHEMICAL CORPORATION)					
(NOW KNOWN AS ALLIED CORPORATION)					
CHEVRON U S A INC					
(FORMERLY STANDARD OIL COMPANY OF CALIFORNIA)					
CHRISTIE, CLEN, DON C. FOHL AND LEON LARSON	0.02				
(TRUSTEES OF WILMINGTON CEMETERY ASSOCIATION)					
ABANDONED WATER RIGHT	-0.02				
TOTAL		0.00			
CLIFF, BEN DAIRY					
SUCCESSOR TO EDWARD AND EMILY COST	7.40				
SOLD TO AMERICAN PLANT GROWERS, INC.	-7.40				
SUCCESSOR TO SOUTHWEST STEEL ROLLING MILLS	3.40				
SOLD TO GEORGIA PACIFIC CORPORATION	-3.40				
TOTAL		0.00			
COAST FOREST PRODUCTS	3.40				
SOLD TO GEORGIA-PACIFIC CORPORATION	-3.40				
TOTAL		0.00			
COASTLINE CHURCH OF CHRIST					
SUCCESSOR TO LEROENIS, EVELYN	136.82				
COLLISTER, CAMERON	-136.82				
QUITCLAIMED TO NORMANDIE PARK					
TOTAL		0.00			
COLUMBIA BROADCASTING SYSTEM, INC.	18.50				
SOLD TO RONALD E. MORAN	-9.00				
CHANGED NAME TO CBS INC	-9.50				
TOTAL		0.00			
COST, EDWARD AND EMILY	7.40				
SOLD TO BEN CLIFF DAIRY	-7.40				
TOTAL		0.00			
CURTIS, OWEN W.	3.80				
SOLD TO SOUTHERN CALIFORNIA WATER COMPANY	-3.44				
TOTAL		0.36			
DEL AMO ESTATE COMPANY	121.00				
SOLD TO DOMINGUEZ WATER CORPORATION	-121.00				
TOTAL		0.00			
DELANEY, GOLDA, ESTATE OF					
(FORMERLY ARTHUR J. DELANEY)					
SUCCESSOR TO BEGO CORPORATION	4.10				
DEWIS, ESTHER M. SHEETS					
(FORMERLY ESTHER M SHEETS)	5.50				
SOLD TO TORRANCE, CITY OF	-5.50				
TOTAL		0.00			
DESSER ENTERPRISES					
SECOND WEST COAST BASIN JUDGMENT					
DOMINGUEZ ESTATE COMPANY	254.00				
SOLD TO DOMINGUEZ WATER CORPORATION	-254.00				
TOTAL		0.00			
DOMINGUEZ WATER CORPORATION	9477.80				
SUCCESSOR TO CARSON ESTATE COMPANY	130.00				
SUCCESSOR TO DEL AMO ESTATE COMPANY	121.00				
SUCCESSOR TO DOMINGUEZ ESTATE COMPANY	254.00				
SUCCESSOR TO DON WILSON BUILDERS	32.60				
SUCCESSOR TO HYDENBECK, JEANETTE R	0.70				
SUCCESSOR TO MAKAMO, KIKUNO, ET AL	19.10				
SUCCESSOR IN PART TO H. J. EARLY	91.00				
SUCCESSOR IN PART TO R. A. WATT, INCORPORATED	61.85				
SOLD IN PART TO WATSON LAND COMPANY	-37.60				
TOTAL		10150.65			
DON WILSON BUILDERS					
SUCCESSORS TO KASUO ISAMU AND YOSHIKI R. KITA	32.60				
SOLD TO DOMINGUEZ WATER CORPORATION	-32.60				
TOTAL		0.00			
DOUGLAS AIRCRAFT COMPANY, INCORPORATED					
(SEE MCDONNELL DOUGLAS CORP.)					
DRAPER, CHARLES L.	7.20				
SOLD TO ALCAST FOUNDRY, ET AL.	-7.20				
TOTAL		0.00			
EARLY, H. J. AND DAISY	111.00				
SOLD TO DOMINGUEZ WATER CORPORATION	-91.00				
SOLD TO SAMUEL R. AND RAYMOND S. FUJINOTO	-20.00				
TOTAL		0.00			
EDISON SECURITIES COMPANY					
(NOW KNOWN AS ASSOCIATED SOUTHERN INVESTMENT CO.)					
ELLIWOOD, LATHROP M.	32.60				
SOLD TO ISAMU, KASUO AND YOSHIKI R. KITA	-32.60				
TOTAL		0.00			
EL SEGUNDO, CITY OF					
ENGELSHA, JAKE					
SUCCESSOR TO WILBUR HORNSTRA	14.10				
SOLD TO ASAMI FANCY KOI, INCORPORATED	-2.00				
TOTAL		12.10			
ETCHENMENDY, CAROLINE, ESTATE OF	8.20				
SOLD TO CARSON-HARBOR VILLAGE MOBILE HOME PARK	-8.20				
TOTAL		0.00			
EWING, CARMELITA ROSECRANS	91.30				
SOLD TO SOUTHERN CALIFORNIA WATER COMPANY	-91.30				
TOTAL		0.00			
EWING, NED ET AL.					
SUCCESSOR IN PART TO ISABEL J. GRANE ESTATE	6.50				
SOLD TO R. A. WATT, INCORPORATED	-6.50				
TOTAL		0.00			
FLESH, LESLIE R. AND ANDOR PASTERNAK, ET AL.					
SUCCESSORS TO ALFRED D. AND RUTH SEABACK	3.50				
SOLD TO STANLEY C. LAGERLOF	-3.50				
TOTAL		0.00			
FLETCHER OIL AND REFINING COMPANY					
(FORMERLY FLETCHER OIL COMPANY)	86.30				
SUCCESSOR TO FLETCHER, ROBERT G. ET AL	3.70				
TOTAL		90.00			
FLETCHER, ROBERT G., DANIEL S., AND WILFRED O.					
SUCCESSOR TO FRED A. JUNGQUIST	3.70				
SOLD TO FLETCHER OIL AND REFINING COMPANY	-3.70				
TOTAL		0.00			
FROGGE, W. J.	12.50				
SOLD TO SIGNUND S. AND LIOWEL S. ROCKWALD	-12.50				
TOTAL		0.00			
FUKUDA, HERBERT SANAYE					
(DOING BUSINESS AS MAYFLOWER NURSERIES)					

APPENDIX B
ADJUDICATED RIGHTS OF WEST COAST BASIN PARTIES, JUNE 1993

FULLILOVE, ROBERT L. SOLD TO STATE OF CALIFORNIA	1.00		INOSE, KENICHI (NOW KNOWN AS INOSE ET AL)		
TOTAL	-1.00	0.00	ISAMU, KASUO AND YOSHIKI R. KITA SUCCESSOR TO LATHROP M. ELLINWOOD SOLD TO DON WILSON BUILDERS	32.60	-32.60
FUJINOTO, SAMUEL R. - See end of table -			TOTAL		0.00
FUJINOTO, SAMUEL R. AND RAYMOND S. - See end of table -		0.00	JENKINS, HARRY C. SUCCESSOR TO H. L. PERRY SOLD TO ABC NURSERY, INCORPORATED	1.80	-1.80
FUTURA INDUSTRIES, INCORPORATED SUCCESSOR TO SPANISH AMERICAN INSTITUTE SOLD TO KAUFMAN, LEO AND SHELDON BAER	44.40		TOTAL		0.00
TOTAL	-44.40	0.00	JOHNS-MANVILLE PRODUCTS CORPORATION (SEE JOHNS-MANVILLE SALES CORPORATION)		
GARRETT CORPORATION, THE SUCCESSOR TO SHIMODA BROTHERS, INC. TRANSFERRED TO ALLIED-SIGNAL INC. (TORRANCE OFFICE)	22.50		JOHNS-MANVILLE SALES CORPORATION (FORMERLY: JOHNS-MANVILLE PRODUCTS CORPORATION MANVILLE SERVICE CORPORATION)		
TOTAL	-22.50	0.00	(NOW KNOWN AS MANVILLE SALES CORPORATION)		
GATE TANK STORAGE TERMINALS CORPORATION SUCCESSOR TO PHILLIPS PETROLEUM COMPANY	167.00		JOHNSON, C. F. TRANSFERRED TO KAORU AND SATORU WADA	12.20	-12.20
TOTAL		167.00	TOTAL		0.00
GEORGIA-PACIFIC CORPORATION SUCCESSOR TO COAST FOREST PRODUCTS SOLD TO INGLEWOOD, CITY OF	3.40		JOHNSTON, A. S., DRILLING COMPANY ASSIGNED TO GERAHUE LAND COMPANY	11.90	-11.90
TOTAL	-3.40	0.00	TOTAL		0.00
GERAHUE LAND COMPANY SUCCESSOR AND ASSIGNEE FOR A. S. JOHNSTON DRILL CO ABANDONED WATER RIGHT	11.90		JONES, ANNA MAE SOLD TO CITY OF TORRANCE	50.20	-50.20
TOTAL	-11.90	0.00	TOTAL		0.00
GILLINGHAM, FLORENCE R, ET AL GONZALES, FELIPE AND GABRIELA (NOW KNOWN AS GONZALES, GABRIELA AND MARIA R)		0.00	JOUGHIN TORRANCE RANCH SUCCESSOR IN PART TO ISABELA J. GRANZ	212.42	-212.42
GONZALES, GABRIELA AND MARIA R (FORMERLY GONZALES, FELIPE AND GABRIELA)	34.30	2.40	SOLD IN PART TO BARCLAY HOLLANDER CURCI INC	-3.33	
SOLD TO TORRANCE, CITY OF	-34.30		SOLD IN PART TO BOISE CASCADE BUILDING COMPANY	-16.92	
TOTAL		0.00	SOLD IN PART TO COLLISTER, CAMERON	-136.82	
GRAND LAND COMPANY SUCCESSOR IN PART TO SMITH, A. H., ET AL. ABANDONED WATER RIGHTS 1961-62	5.70		SOLD IN PART TO R. A. WATT, INCORPORATED	-55.25	
TOTAL	-5.70	0.00	TOTAL		0.00
GRANT, JOHN, ESTATE OF APPORTIONED IN PART TO BLACK, DANA	59.00		JUNQUIST, FRED A. (FORMERLY KATHERINE P. WOODMAN JUNQUIST)	3.70	-3.70
APPORTIONED IN PART TO BRANDSMA, MAYNARD	-11.80		SOLD TO ROBERT G. DANIEL S. & WILFRED D. FLETCHER		
APPORTIONED IN PART TO HOBOLD, KRISTIN BRANDSMA	-11.80		TOTAL		0.00
APPORTIONED IN PART TO THORPE, GREGORY	-11.80		KAHLERT, ET AL SUCCESSOR IN PART TO KELLY PIPE COMPANY	18.90	-18.90
APPORTIONED IN PART TO THORPE, TERENCE	-11.80		SOLD TO SPARKLETT'S DRINKING WATER CORPORATION		
TOTAL		0.00	TOTAL		0.00
GRANZ, ISABELA J. (PER JUDGMENT) PARTITIONED TO HEIRS	380.00		KAUFMAN, LEO AND SHELDON BAER SUCCESSOR TO FUTURA INDUSTRIES INC SOLD TO CITY OF INGLEWOOD	44.40	-44.40
ISABELA J. GRANZ ESTATE	-33.80		TOTAL		0.00
JOUGHIN TORRANCE RANCH	-212.42		KELLY PIPE COMPANY SOLD IN PART TO STATE OF CALIFORNIA	49.00	-49.00
GEORGE R. MURDOCK	-12.12		SOLD IN PART TO KAHLERT, ET AL.	-16.20	
EMMA J. OSBORN	-32.66		SOLD IN PART TO SPARKLETT'S DRINKING WATER CORP.	-18.90	
SUBJECT TO LONG TERM LEASE			TOTAL		0.00
CHEVRON S S A	59.60		KIRBY, GLADYS SOLD TO SPARKLETT'S DRINKING WATER CORPORATION	3.50	-3.50
SUPERIOR OIL COMPANY	26.40		TOTAL		0.00
SOLD TO MOBIL OIL CORPORATION	-26.40		LAGERLOF, STANLEY C. SUCCESSOR TO LESLIE R. FLESCHE AND ANDOR	3.50	-3.50
TOTAL		59.60	PASTERNAK, ET AL SOLD TO SHELL OIL COMPANY		
GRANZ, ISABELA J., ESTATE OF SUCCESSOR IN PART TO ISABELA J. GRANZ	33.80		TOTAL		0.00
SOLD IN PART TO RICHARD BARCLAY AND R. A. WATT	-13.55		LAWLER, JAMES K. SOLD TO B. ROBINSON AND ASSOCIATES	3.10	-3.10
SOLD IN PART TO WED KING, ET AL.	-4.50		TOTAL		0.00
SOLD IN PART TO R. A. WATT, INCORPORATED	-13.75		LEHMENS, EVELYN (FORMERLY LEHMENS, ALFRED)	0.70	-0.70
TOTAL		0.00	SOLD TO COASTLINE CHURCH OF CHRIST		
HARRIS, R. AND L. SUCCESSOR TO LAWRENCE I. LISTON	0.70		TOTAL		0.00
DISCLAIMED WATER RIGHT	-0.70		LEIBINGER, EMMA L. LISTON, LAWRENCE	0.70	1.40
TOTAL		0.00	SOLD TO R. AND L. HARRIS	0.70	-0.70
HARRIS TUBE, INCORPORATED SUCCESSOR IN PART TO B. ROBINSON AND ASSOCIATES	0.70		TOTAL		0.00
TRANSFERRED TO AUTOMATION IND. INC-HARRIS TUBE	-0.70		LITTLE, WILLIAM SOLD TO WATT INDUSTRIAL PROPERTIES	0.10	-0.10
TOTAL		0.00	TOTAL		0.00
HAWTHORNE, CITY OF HENDERSON, BEATRICE H. ABANDONED WATER RIGHT	1.30	1882.00	LIMITA, CITY OF WATER SYSTEM (WWD 13) (FORMERLY LOS ANGELES COUNTY WATERWORKS DISTRICT NO. 13)		1352.00
TOTAL	-1.30	0.00	LONG BEACH, CITY OF	0.70	
HEYDENBECK, JEANNETTE R. (FORMERLY JEANNETTE R. REIFSNYDER)	0.70		LOPES, FRANK LOS ANGELES, CITY OF	3.70	1503.00
SOLD TO DOMINGUEZ WATER CORPORATION	-0.70		LOS ANGELES COUNTY-ALONDRA PARK SUCCESSOR TO LOS ANGELES COUNTY FLOOD CONTROL DIST	28.70	39.00
TOTAL		0.00	TOTAL		67.70
HILLSIDE MEMORIAL PARK SUCCESSOR TO SANTA FE LAND IMPROVEMENT COMPANY	16.70		LOS ANGELES COUNTY CHESTER L WASHINGTON GOLF COURSE (FORMERLY LOS ANGELES COUNTY WESTERN AVENUE GOLF COURSE)		296.00
SUCCESSOR TO SIGMUND S. AND LIONEL S. HOCKWALD	39.50		LOS ANGELES COUNTY FLOOD CONTROL DISTRICT SUCCESSOR IN PART TO A. H. SMITH, ET AL	37.60	1.40
TOTAL	12.50	68.70	SOLD TO LOS ANGELES COUNTY - ALONDRA PARK	-39.00	
HOCKWALD, SIGMUND S. AND LIONEL S. SUCCESSOR TO W. J. FROGE	12.50		TOTAL		0.00
SOLD TO HILLSIDE MEMORIAL PARK	-12.50		LOS ANGELES COUNTY SANITATION DISTRICT NO. 2		102.00
TOTAL		0.00	LOS ANGELES COUNTY WATERWORKS DISTRICT NO. 13 (NOW KNOWN AS LIMITA, CITY OF WATER SYSTEM WWD 13)		
HOLLYWOOD PARK INC (FORMERLY HOLLYWOOD TURF CLUB)			LOS ANGELES COUNTY WATERWORKS DISTRICT NO. 22 SOLD TO SOUTHERN CALIFORNIA WATER COMPANY	551.00	-551.00
(NOW KNOWN AS HOLLYWOOD PARK OPERATING COMPANY)			TOTAL		0.00
HOLLYWOOD PARK OPERATING COMPANY (FORMERLY HOLLYWOOD PARK INC)		282.00	LOS ANGELES COUNTY WESTERN AVENUE GOLF COURSE SECOND WEST COAST BASIN JUDGMENT LISTED AS BOARD OF RETIREMENT OF THE LOS ANGELES COUNTY EMPLOYEES RETIREMENT SYSTEM (NOW KNOWN AS LOS ANGELES COUNTY CHESTER L WASHINGTON GOLF COURSE)		
HOLLYWOOD TURF CLUB (NOW KNOWN AS HOLLYWOOD PARK INC)			LOYOLA MARYMOUNT UNIVERSITY (FORMERLY LOYOLA UNIVERSITY OF LOS ANGELES)	48.10	1131.20
HOWLD, KRISTIN BRANDSMA SUCCESSOR IN PART TO ESTATE OF JOHN GRANT	14.10	11.80	MANVILLE SALES CORPORATION (FORMERLY: JOHNS-MANVILLE SALES CORPORATION JOHNS-MANVILLE PRODUCT CORPORATION MANVILLE SERVICE CORPORATION)	881.00	-881.00
HORNSTRA, WILBUR SOLD TO JAKE ENGELSHA	-14.10		SOLD TO ATLANTIC RICHFIELD COMPANY		
TOTAL		0.00	TOTAL		0.00
HUGHES AIRCRAFT HOW, DONALD G. SUCCESSOR TO JAMES SCANDA	1.90		MANVILLE SERVICE CORPORATION (SEE JOHNS-MANVILLE SALES CORPORATION)		
SOLD TO KENICHI INOSE	-1.90		MAYFLOWER NURSERIES (SEE ALSO UNDER HERBERT SAKAYE FUKUWA)		0.00
TOTAL		0.00	MCCANDLESS, JAMES SOLD TO SPARKLETT'S DRINKING WATER CORPORATION	6.70	-6.70
INDUSTRIAL CHEMICAL DIVISION, ALLIED CHEMICAL CORP. (FORMERLY ALLIED CHEMICAL CORP., GEN. CHEMICAL CO) (NOW KNOWN AS ALLIED CORPORATION)		4382.00	TOTAL		0.00
INGLEWOOD, CITY OF SUCCESSOR TO ABEL, FRANK	1.80		MCDONNELL DOUGLAS CORPORATION (FORMERLY DOUGLAS AIRCRAFT COMPANY, INCORPORATED)		1.70
SUCCESSOR TO BOISE CASCADE BUILDING COMPANY	16.92		LONG TERM LEASE FROM UNITED STATES NAVY DEPARTMENT		
SUCCESSOR TO GEORGIA-PACIFIC CORPORATION	3.40		MOBIL OIL CORPORATION (FORMERLY SOCONY MOBIL OIL COMPANY)	2570.00	26.40
SUCCESSOR TO KAUFMAN, LEO AND SHELDON BAER	44.40		SUCCESSOR TO SUPERIOR OIL COMPANY		2596.40
SUCCESSOR IN PART TO GEORGE R. MURDOCK	1.37	4449.89	TOTAL		
TOTAL		0.00	MONETA MUTUAL WATER COMPANY SOLD TO CITY OF TORRANCE	916.00	-916.00
INOSE ET AL (KEN K INOSE, KAY K INOSE, KIYOKO YOSHIYAMA, KENICHI INOSE, RAYMOND K INOSE AND DAVID T NAKATANI, TRUSTEE OF THE INOSE CHILDREN TRUST 1/0/T DATED 11-1-78)			TOTAL		0.00
(FORMERLY INOSE, KENICHI)					
SUCCESSOR TO HUNT, DONALD G	1.90				
SUCCESSOR TO THAXTER, RALPH AND LOIS A. LENOIR	3.50				
SOLD TO POTHOS CORPORATION	-5.40				
TOTAL		0.00			

APPENDIX B

ADJUDICATED RIGHTS OF WEST COAST BASIN PARTIES, JUNE 1993

MONIZ, JOE JR. SOLD TO STATE OF CALIFORNIA TOTAL	2.30 -2.30 0.00		
NORAN, RONALD E. SUCCESSOR IN PART TO C B S , INCORPORATED SOLD TO CITY OF TORRANCE TOTAL	9.00 -9.00 0.00		
MORI, ROY H. AND KENJI SECOND WEST COAST BASIN JUDGMENT SOLD TO NOZAKI, SUNIKICHI TOTAL	5.60 -2.00 3.60		
MURDOCK, GEORGE R. SUCCESSOR IN PART TO ISABELA J. GRANZ SOLD IN PART TO R. BARCLAY AND R. A. WATT SOLD IN PART TO CITY OF INGLEWOOD TOTAL	15.12 -13.75 -1.37 0.00		
NAKANO, KIKINO, ET AL. SOLD TO DOMINGUEZ WATER CORPORATION TOTAL	19.30 -19.30 0.00		
NAVARRO, T. C. SOLD TO HILARIO S. AND EDNA ALWAG TOTAL	53.90 -53.90 0.00		
NORAIR, A DIVISION OF NORTHRUP CORPORATION (FORMERLY KNOWN AS NORTHRUP AIRCRAFT, INC.) (NOW KNOWN AS NORTHRUP CORPORATION)		0.00	
NORMANDIE PARK SUCCESSOR TO COLLISTER, CAMERON SOLD TO CITY OF TORRANCE TOTAL	136.82 -136.82 0.00		
NORTHRUP CORPORATION (FORMERLY KNOWN AS NORAIR, A DIV OF NORTHRUP CORP)		36.15	
NOZAKI, SUNIKICHI SUCCESSOR IN PART TO MORI, ROY H AND KENJI SUCCESSOR IN PART TO UNITED CALIFORNIA BANK TOTAL	2.00 5.00 7.00		
OSBORN, EDNA J. SUCCESSOR IN PART TO ISABELA J. GRANZ SOLD TO R. BARCLAY AND R. A. WATT TOTAL	32.66 -32.66 0.00		
OTAMI, CHRISATO PACIFIC CREST CEMETERY COMPANY SUCCESSOR TO H. S. SCOTT SUCCESSOR TO WADA, KAORU AND SATORU TOTAL	17.70 9.50 12.20 39.40		
PALOS VERDES BEGONIA FARM SUCCESSOR TO GUS A BADNAM PALOS VERDES WATER COMPANY SOLD TO CALIFORNIA WATER SERVICE COMPANY TOTAL		0.00	
PARK WATER COMPANY SOLD TO SOUTHERN CALIFORNIA WATER COMPANY TOTAL	160.00 -160.00 0.00		
PARKE, ZORAIWA SOLD TO H. L. PERRY TOTAL	1.80 -1.80 0.00		
PASCARE, WILLIAM JOSEPH ABANDONED WATER RIGHT TOTAL	0.02 -0.02 0.00		
PERRY, H. L. SUCCESSOR TO ZORAIWA PARKE SOLD TO HARRY C. JENKINS TOTAL	1.80 -1.80 0.00		
PHILLIPS PETROLEUM COMPANY (FORMERLY TIDEWATER OIL COMPANY) SOLD TO GATK TANK STORAGE TERM. COPR. TOTAL	167.00 -167.00 0.00		
POTHOS CORPORATION SUCCESSOR TO IMOSE ET AL REHOR, JOSEPHINE P. REIFSHAUER, JEANETTE R. (NOW KNOWN AS JEANETTE R. HYDENBECK) RHONE-POULENC BASIC CHEMICALS COMPANY SUCCESSOR TO STAUFFER CHEMICAL COMPANY		5.40 2.20 521.00	
RICHFIELD OIL CORPORATION (NOW KNOWN AS ATLANTIC RICHFIELD COMPANY)			0.00
ROBINSON, B., AND ASSOCIATES SUCCESSOR TO JAMES K. LAWLER SOLD IN PART TO HARRIS TUBE, INCORPORATED SOLD IN PART TO SOUTHERN CALIFORNIA WATER COMPANY TOTAL	3.10 -0.70 -2.40 0.00		
ROCKWELL, MICHAEL L. SUCCESSOR TO BANK OF AMERICA NATIONAL TRUST AND SAVINGS ASSOCIATION (TRUST B 1-51) SOLD TO LITTLE, WILLIAM TOTAL	0.10 -0.10 0.00		
RODRIGUEZ, FLAVIO SOLD TO STATE OF CALIFORNIA DISCLAIMED WATER RIGHT TOTAL	6.10 -4.00 -2.10 0.00		
ROMAN CATHOLIC ARCHBISHOP OF LOS ANGELES (HOLY CROSS CEMETERY)		72.30	
RUFFNER CORPORATION SUCCESSOR TO LOUIS M. SEPULVEDA ABANDONED WATER RIGHT TOTAL	0.70 -0.70 0.00		
RYAN AERONAUTICAL COMPANY SOLD TO SOUTHERN CALIFORNIA WATER COMPANY TOTAL	20.20 -20.20 0.00		
SANTA FE LAND IMPROVEMENT COMPANY SOLD TO HILLSIDE MEMORIAL PARK TOTAL	39.50 -39.50 0.00		
SCANDA, JAMES AND GEORGE NASSIN SOLD TO DONALD G. HUNT TOTAL	1.90 -1.90 0.00		
SCHLAEGL, KEITH W. AND OPAL B. SOLD TO SIDNEY R. AND CHARLOTTE W. TITLE TOTAL	13.60 -13.60 0.00		
SCOTT, H. S. SUCCESSOR TO M. F. BURKE AND LOIS PRICE QUITCLAIMED TO PACIFIC CREST CEMETERY COMPANY TOTAL	9.50 -9.50 0.00		
SEABACK, ALFRED D. AND RUTH SOLD TO LESLIE R. FLESH AND/OR PASTERNAK, ET AL TOTAL	3.50 -3.50 0.00		
SEPULVEDA, LOUIS M. ACQUIRED BY RUFFNER CORPORATION TOTAL	0.70 -0.70 0.00		
SHEETS, ESTHER M. (FORMERLY CLYDE L. SHEETS) (SEE DENNIS, ESTHER M. SHEETS)		0.00	
SMELL OIL COMPANY SUCCESSOR TO LAGERLOF, STANLEY C. SOLD TO UNION OIL COMPANY OF CALIFORNIA TOTAL	4516.00 3.50 -1974.00 2545.50		
SHINODA BROTHERS, INCORPORATED SECOND WEST COAST BASIN JUDGMENT SOLD TO GARRETT CORPORATION, THE TOTAL	22.50 -22.50 0.00		
SMITH, A. H., (SAM SURBER AND FRED A SMITH) SOLD IN PART TO STATE OF CALIFORNIA SOLD IN PART TO GRAND LAND COMPANY SOLD IN PART TO L. A. CO. FLOOD CONTROL DISTRICT TOTAL	9.70 -2.60 -5.70 -1.40 0.00		
SOCOBY MOBIL OIL COMPANY (SEE MOBIL OIL COMPANY)			0.00
SOUTHERN CALIFORNIA EDISON COMPANY SUCCESSOR TO ASSOCIATED SOUTHERN INVESTMENT CO. TOTAL	10.40 46.70 57.10		
SOUTHERN CALIFORNIA WATER COMPANY SUCCESSOR TO EWING, CARMELITA ROSECRANS SUCCESSOR TO LOS ANGELES COUNTY WATERWORKS DISTRICT NO. 22 SUCCESSOR TO PARK WATER COMPANY SUCCESSOR TO RYAN AERONAUTICAL COMPANY SUCCESSOR TO SOUTHERN PACIFIC COMPANY SUCCESSOR IN PART TO OWEN W. CURTIS SUCCESSOR IN PART TO B. ROBINSON AND ASSOCIATES TOTAL	6265.30 91.30 551.00 160.00 20.30 166.00 3.44 2.40 7259.64		
SOUTHERN PACIFIC COMPANY SOLD TO SO. CALIFORNIA WATER COMPANY TOTAL	166.00 -166.00 0.00		
SOUTHWEST STEEL ROLLING MILLS SUCCESSOR TO A. K. WILSON LUMBER COMPANY SOLD TO COAST FOREST PRODUCTS TOTAL	3.40 -3.40 0.00		
SOUTHWESTERN PORTLAND CEMENT COMPANY SOLD TO CHANDLERS PALOS VERDES SAND & GRAVEL CORP. TOTAL	15.00 -15.00 0.00		
SPANISH AMERICAN INSTITUTE SOLD TO FUTURA INDUSTRIES, INCORPORATED TOTAL	44.00 -44.00 0.00		
SPARKLETT'S DRINKING WATER CORPORATION SUCCESSOR TO ANDERSON, REMBERT C, ET AL SUCCESSOR TO CALIFORNIA, STATE OF SUCCESSOR TO KAHLETT, ET AL SUCCESSOR TO KURTZ, GLADYS SUCCESSOR TO MCCANDLESS, JAMES SUCCESSOR TO WECHSLER, B. A. SUCCESSOR IN PART TO KELLY PIPE COMPANY TOTAL	80.50 26.10 18.90 3.50 6.70 3.10 13.80 152.60		
STANDARD OIL COMPANY OF CALIFORNIA (NOW KNOWN AS CHEVRON U S A) STAUFFER CHEMICAL COMPANY SOLD TO RHONE-POULENC BASIC CHEMICALS COMPANY SOLD SUPERIOR OIL COMPANY SUBJECT TO LONG TERM LEASE FROM ISABELA J. GRANZ PER JUDGMENT SOLD TO MOBIL OIL CORPORATION TOTAL		521.00 -521.00 0.00	
SWICK, PEGGY SOLD TO HILARIO AND EDNA ALWAG TOTAL	5.50 -5.50 0.00		
TEXACO, INC. (NOW KNOWN AS TEXACO REFINING AND MARKETING, INC.) TEXACO REFINING AND MARKETING, INC. (FORMERLY: TEXACO, INC) THAXTER, RALPH AND LOIS A. LENOIR SOLD TO KENICHI IMOSE TOTAL		3432.00 3.50 -3.50 0.00	
THORPE, GREGORY SUCCESSOR IN PART TO ESTATE OF JOHN GRANT THORPE, TERENCE SUCCESSOR IN PART TO ESTATE OF JOHN GRANT TIDEWATER OIL COMPANY (SEE PHILLIPS PETROLEUM COMPANY) TITLE, SIDNEY R. AND CHARLOTTE W. SUCCESSOR TO KEITH W. AND OPAL B. SCHLAEGL SOLD TO ABC NURSERY, INCORPORATED TOTAL		11.80 11.80 13.60 -13.60 0.00	
TORRANCE, CITY OF SUCCESSOR TO BARCLAY HOLLANDER CORP SUCCESSOR TO BARCLAY, RICHARD AND WATT, R A SUCCESSOR TO BELVIDERE MUTUAL WATER COMPANY SUCCESSOR TO DENNIS, ESTHER M SHEETS SUCCESSOR TO FOUNDRY, ALCAST ET AL SUCCESSOR TO GONZALES, GABRIELA AND MARIA R SUCCESSOR TO JONES, ANNA MAE SUCCESSOR TO MONETA WATER COMPANY SUCCESSOR TO MORAN, RONALD E SUCCESSOR TO NORMANDIE PARK SUCCESSOR TO TORRANCE UNIFIED SCHOOL DISTRICT SUCCESSOR TO UNITED STATES STEEL CORPORATION SUCCESSOR TO WATT, R.A., INCORPORATED TOTAL		2519.00 3.33 59.96 32.40 5.50 7.20 34.30 50.20 916.00 9.00 136.82 59.40 1791.00 13.75 5638.86	
TORRANCE SAND AND GRAVEL CORPORATION SUCCESSOR TO WESTON INVESTMENT COMPANY SOLD TO CHANDLERS PALOS VERDES SAND & GRAVEL CORP. TOTAL		184.00 -184.00 0.00	
TORRANCE UNIFIED SCHOOL DISTRICT SUCCESSOR TO HILARIO S. AND EDNA ALWAG SOLD TO CITY OF TORRANCE TOTAL		59.40 -59.40 0.00	
TUNE, HATES, ET AL. SUCCESSOR TO JOSEPHINE WATKINSON SOLD TO B. A. WECHSLER TOTAL		3.10 -3.10 0.00	
UNION NURSERY, INCORPORATED SECOND WEST COAST BASIN JUDGMENT SOLD TO CENTURY BUILDERS TOTAL		4.70 -4.70 0.00	
UNION OIL COMPANY OF CALIFORNIA SUCCESSOR TO SHELL OIL COMPANY TOTAL		2670.00 1974.00 696.00	
UNITED CALIFORNIA BANK SUCCESSOR TO BALLMAN, ROSEMARY N. SOLD TO A B C NURSERY, INCORPORATED SOLD TO NOZAKI, SUNIKICHI TOTAL		7.00 -2.00 -5.00 0.00	
UNITED STATES NAVY DEPARTMENT TRANSFERRED FROM ALUMINUM COMPANY OF AMERICA LONG TERM LEASE TO MCDONNELL DOUGLAS CORPORATION TOTAL		1.70 -1.70 0.00	
UNITED STATES STEEL CORPORATION SOLD TO TORRANCE, CITY OF TOTAL		1791.00 -1791.00 0.00	

APPENDIX B
ADJUDICATED RIGHTS OF WEST COAST BASIN PARTIES, JUNE 1993

MADA, KAORU AND SATORU			
TRANSFERRED FROM C. F. JOHNSON	12.20		
SOLD TO PACIFIC CREST CEMETERY COMPANY	-12.20		
TOTAL		0.00	
MATRINSON, JOSEPHINE	3.10		
SOLD TO MATES TUNE, ET AL.	-3.10		
TOTAL		0.00	
WATSON LAND COMPANY	42.60		
SUCCESSOR IN PART TO DOMINGUEZ WATER CORPORATION	37.60		
TOTAL		80.20	
WATT INDUSTRIAL PROPERTIES			
SUCCESSOR TO WILLIAM LITTLE	0.10		
TOTAL		0.10	
WATT, R. A., INCORPORATED			
SUCCESSOR TO NED EWING, ET AL.	6.50		
SUCCESSOR IN PART TO ISABELA J. GRANZ ESTATE	13.75		
SUCCESSOR IN PART TO JOUGHIN TORRANCE RANCH	58.35		
SOLD TO DOMINGUEZ WATER CORPORATION	-61.85		
SOLD TO CITY OF TORRANCE	-13.75		
TOTAL		0.00	
WECHSLER, S. A.			
SUCCESSOR TO MATES TUNE, ET AL.	3.10		
SOLD TO SPARKLETTS DRINKING WATER CORPORATION	-3.10		
TOTAL		0.00	
WESTON INVESTMENT COMPANY	184.00		
SOLD TO TORRANCE SAND AND GRAVEL CORPORATION	-184.00		
TOTAL		0.00	
WILSON, A. K., LUMBER COMPANY	3.40		
SOLD TO SOUTHWEST STEEL ROLLING MILLS	-3.40		
TOTAL		0.00	
WISEBURN SCHOOL DISTRICT			
WOODMAN, KATHERINE P.		8.20	
(SEE FRED A. JUNGQUIST)			
ZEIGLER, MAXWELL T		0.00	
GRAND TOTAL		64468.25	
FUJIMOTO, SAMUEL R.	20.00		
(FORMERLY KNOWN AS FUJIMOTO, SAMUEL R. AND RAYMOND S.)			
SOLD TO FUJIMOTO, SAMUEL R., STEVEN T. FUJIMOTO AND JON T. FUJIMOTO, JOINT TENANTS	-20.00		
TOTAL		0.00	
FUJIMOTO, SAMUEL R. AND RAYMOND S.	20.00		
SUCCESSOR IN PART TO H. J. AND DAISY EARLY (NOW KNOWN AS FUJIMOTO, SAMUEL R.)	-20.00		
TOTAL		0.00	
FUJIMOTO, SAMUEL R., STEVEN T. FUJIMOTO AND JON T. FUJIMOTO, JOINT TENANTS	20.00		
TOTAL		20.00	

DOCUMENTS SUBSTANTIATING TRANSFER OF ADJUDICATED RIGHTS

WATER RIGHT LICENSE AND AGREEMENT

For a valuable consideration, HOLLYWOOD PARK OPERATING COMPANY hereby grants to AMERICAN PLANT GROWERS, INC. a license to extract 40 acre-feet of licensor's Adjudicated Right allocated to licensor (or predecessors in interest) under and pursuant to judgement dated August 18, 1961, and entered in Los Angeles Superior Court Case No. 506806 entitled "California Water Service Company, et al. vs. City of Compton, et al." during the period commencing July 1, 1993 and continuing to and including June 30, 1994.

Said Licensee is granted, subject to the following conditions:

- (1) Licensee shall exercise said right and extract the same on behalf of the HOLLYWOOD PARK OPERATING COMPANY during the period above specified and put the same to beneficial use and licensee shall not by the exercise hereunder of said right acquire any right to extract water independent of the rights of licensor.
- (2) Licensee shall pay assessments levied on the pumping of said ground waters by the Central and West Basin Water Replenishment District.
- (3) Licensee shall notify the District and the Watermaster that said pumping was done pursuant to their license and provide the Watermaster with a copy of this document.
- (4) Licensee shall note, in any recording of water production for the period of agreement, that said pumping was done pursuant to this license.
- (5) Licensee's Adjudicated Right shall be increased by the amount hereby leased when computing carryover or allowable overextraction as provided by Paragraph VI in said agreement.

The HOLLYWOOD PARK OPERATING COMPANY warrants that it has 40.0 acre-feet of Adjudicated Right and that it has not pumped and will not pump or license any other person to pump any part of said 40.0 acre-feet per year during the period July 1, 1993 through June 30, 1994.

Licensor: HOLLYWOOD PARK OPERATING COMPANY
 By: [Signature]
 Title: PLANT SUPT.
 Date: 1/16/93

Licensee: AMERICAN PLANT GROWERS, INC.
 By: [Signature]
 Title: Vice President
 Date: 1/16/93

WATER RIGHTS LICENSE AND AGREEMENT
 (1,000 ACRE FEET)

THIS AGREEMENT, made and entered into by and between the CITY of LOMITA CITY WATER SYSTEM, hereinafter referred to as "CITY" and the ATLANTIC RICHFIELD COMPANY hereinafter referred to as "ARCO".

RECITALS

WHEREAS, both the CITY and ARCO are producing water from the West Coast Basin; and
 WHEREAS, the CITY owns excess adjudicated rights of 1,000 acre feet of water for Fiscal Year 1993-94.
 WHEREAS, ARCO desires to make temporary use of the CITY'S excess adjudicated rights during Fiscal Year 1993-94 only.
 NOW, THEREFORE, the parties hereto agree as follows:

(1) CITY GRANTS:

to ARCO a license to extract 1,000 acre feet during the period commencing July 1, 1993 and ending June 30, 1994 of CITY'S West Coast Basin adjudicated rights allocated to the CITY pursuant to the Judgement dated August 18, 1961, and entered in Los Angeles Superior Court, Case No. 506,806, entitled "California Water Service Company et. al., vs. City of Compton, et. al."

(2) CITY GRANTS:

to ARCO as part of this license the right of flexibility which provides that the ARCO allowed pumping allocation pursuant to Judgement dated August 18, 1961, and entered in Los Angeles Superior Court, Case No. 506,806, entitled "California Water Service Company et. al., vs. City of

Compton, et. al." shall be increased by the amount hereby leased when computing carry-over or allowable over extractions as provided by paragraph VI in said judgement.

(3) ARCO AGREES:

to pay CITY the net sum \$170,500 within 30 days after being invoiced by the CITY. Said invoicing is to occur upon approval of the lease by the West Coast Basin Watermaster.

(4) ARCO WILL:

pay to the Central and West Basin Water Replenishment District any pumping assessments levied by said replenishment district during the 1993-94 Fiscal Year on the quantity of water extracted by ARCO from the West Coast Basin under said license.

(5) ARCO WILL:

keep and maintain records of agreed production under this agreement and will report same to watermaster and CITY upon completion of ARCO'S pumping.

IN WITNESS WHEREOF, the parties hereto have executed this agreement.

CITY OF LOMITA WATER SYSTEM

ATLANTIC RICHFIELD COMPANY

By: [Signature]
 DEAN D. EUSTATHIOU
 Assistant Deputy Director

By: [Signature]
 HERSH KOHUT
 Operations Manager

Date: 7/19/93

Date: 7/19/93

APPROVED AS TO FORM:

DE WITT W. CLINTON
 County Counsel

By: [Signature]

EE:dh
 13:WW9053.kz

Yes Flex
 1000 A.P.

DOCUMENTS SUBSTANTIATING TRANSFER OF ADJUDICATED RIGHTS

YEARLY LEASE

WATER RIGHT LICENSE AND AGREEMENT

WATER RIGHT LICENSE AND AGREEMENT

WEST COAST BASIN

7120
 For a valuable consideration, THE DOMINGUEZ WATER CORPORATION hereby grants to ATLANTIC RICHFIELD COMPANY: a license to extract 2000 acre-feet of licensor's Adjudicated Right allocated to licensor (or predecessors in interest) under and pursuant to Judgment dated August 18, 1961, and entered in Los Angeles Superior Court Case No. 506806 entitled "California Water Service Company, et al. vs. City of Compton, et al." during the period commencing July 1, 1993 and continuing to and including June 30, 1994.

7770
 For a valuable consideration, SPARKLETT'S DRINKING WATER CORPORATION, hereby grants to THE DOMINGUEZ WATER CORPORATION: a license to extract 135.0 acre feet of licensor's Adjudicated Right allocated to licensor (or predecessors in interest) under and pursuant to Judgment dated August 18, 1961, and entered in Los Angeles Superior Court Case No. 506806 entitled "California Water Service Company, et al. vs. City of Compton, et al." during the period commencing July 1, 1993 and continuing to and including June 30, 1994.

Said License is granted, subject to the following conditions:

Said License is granted, subject to the following conditions:

- 1) Licensee shall exercise said right and extract the same on behalf of DOMINGUEZ WATER CORPORATION during the period above specified and put the same to beneficial use and licensee shall not by the exercise hereunder of said right acquire any right to extract water independent of the rights of licensor.
- 2) Licensee shall pay assessments levied on the pumping of said ground waters by the Water Replenishment District of Southern California.
- 3) Licensee shall notify the District and the Watermaster that said pumping was done pursuant to this license and provide the Watermaster with a copy of this document.
- 4) Licensee shall note, in any recording of water production for the period of agreement, that said pumping was done pursuant to this license.
- 5) Licensee's Adjudicated Right shall be increased by the amount hereby leased when computing carryover or allowable overextraction as provided by Paragraph VI in said Judgment.

- (1) Licensee shall exercise said right and extract the same on behalf of SPARKLETT'S during the period above specified and put the same to beneficial use and licensee shall not by the exercise hereunder of said right acquire any right to extract water independent of the rights of licensor.
- (2) Licensee shall pay assessments levied on the pumping of said ground waters by the Water Replenishment District of Southern California.
- (3) Licensee shall notify the District and the Watermaster that said pumping was done pursuant to this license and provide the Watermaster with a copy of this document.
- (4) Licensee shall note, in any recording of water production for the period of agreement, that said pumping was done pursuant to this license.
- (5) Licensee's Adjudicated Right shall not be increased by the amount hereby leased when computing carryover or allowable overextraction as provided by Paragraph VI in said Judgment.

DOMINGUEZ WATER CORPORATION warrants that it has 2000 acre-feet of Adjudicated Right and that it has not pumped and will not pump or permit or license any other person to pump any part of said 2000 acre-feet during period of July 1, 1993 through June 30, 1994.

SPARKLETT'S warrants that it has 135.0 acre feet of Adjudicated Right and that it has not pumped and will not pump or permit or license any other person to pump any part of said 135.0 acre feet during period of July 1, 1993 through June 30, 1994.

DOMINGUEZ WATER CORPORATION

ATLANTIC RICHFIELD COMPANY

LICENSOR

LICENSEE

By: *Tony H. Wittkopf*
 Title: *Mgr - Corporate Operations*
 Date: *2/25/94*

By: *Shahid Khan*
 Title: *Operations Manager*
 Date: *March 2 1994*

SPARKLETT'S DRINKING WATER CORP.
 By: *James R. Juganovic*
 Title: *Territorial Support Manager*
 Date: *4/19/94 June 1, 1994*

DOMINGUEZ WATER CORPORATION
 By: *Tony H. Wittkopf*
 Title: *Mgr - Corp. Opns*
 Date: *May 26, 1994*

WATER RIGHT LICENSE AND AGREEMENT

WEST COAST BASIN

7150
 For a valuable consideration, CHANDLER PALOS VERDES SAND & GRAVEL CORP., hereby grants to THE DOMINGUEZ WATER CORPORATION: a license to extract 150.0 acre feet of licensor's Adjudicated Right allocated to licensor (or predecessors in interest) under and pursuant to Judgment dated August 18, 1961, and entered in Los Angeles Superior Court Case No. 506806 entitled "California Water Service Company, et al. vs. City of Compton, et al." during the period commencing July 1, 1993 and continuing to and including June 30, 1994.

Said License is granted, subject to the following conditions:

- (1) Licensee shall exercise said right and extract the same on behalf of CHANDLER during the period above specified and put the same to beneficial use and licensee shall not by the exercise hereunder of said right acquire any right to extract water independent of the rights of licensor.
- (2) Licensee shall pay assessments levied on the pumping of said ground waters by the Water Replenishment District of Southern California.
- (3) Licensee shall notify the District and the Watermaster that said pumping was done pursuant to this license and provide the Watermaster with a copy of this document.
- (4) Licensee shall note, in any recording of water production for the period of agreement, that said pumping was done pursuant to this license.
- (5) Licensee's Adjudicated Right shall not be increased by the amount hereby leased when computing carryover or allowable overextraction as provided by Paragraph VI in said Judgment.

CHANDLER warrants that it has 150.0 acre feet of Adjudicated Right and that it has not pumped and will not pump or permit or license any other person to pump any part of said 150.0 acre feet during period of July 1, 1993 through June 30, 1994.

LICENSOR

LICENSEE

CHANDLER PALOS VERDES SAND & GRAVEL CORPORATION
 By: *Jack W. Berry*
 Title: *President*
 Date: *June 10, 1994*

DOMINGUEZ WATER CORPORATION
 By: *Tony H. Wittkopf*
 Title: *Mgr - Corp Opns*
 Date: *June 8, 1994*

WATER RIGHT LICENSE AND AGREEMENT

7190
 For a valuable consideration, FLETCHER OIL AND REFINING COMPANY, hereby grants to THE DOMINGUEZ WATER CORPORATION: a license to extract 90.0 acre feet of licensor's Adjudicated Right allocated to licensor (or predecessors in interest) under and pursuant to Judgment dated August 18, 1961, and entered in Los Angeles Superior Court Case No. 506806 entitled "California Water Service Company, et al. vs. City of Compton, et al." during the period commencing July 1, 1993 and continuing to and including June 30, 1994.

Said License is granted, subject to the following conditions:

- (1) Licensee shall exercise said right and extract the same on behalf of FLETCHER OIL during the period above specified and put the same to beneficial use and licensee shall not by the exercise hereunder of said right acquire any right to extract water independent of the rights of licensor.
- (2) Licensee shall pay assessments levied on the pumping of said ground waters by the Water Replenishment District of Southern California.
- (3) Licensee shall notify the District and the Watermaster that said pumping was done pursuant to this license and provide the Watermaster with a copy of this document.
- (4) Licensee shall note, in any recording of water production for the period of agreement, that said pumping was done pursuant to this license.
- (5) Licensee's Adjudicated Right shall be increased by the amount hereby leased when computing carryover or allowable overextraction as provided by Paragraph VI in said Judgment.

FLETCHER OIL warrants that it has 90.0 acre feet of Adjudicated Right and that it has not pumped and will not pump or permit or license any other person to pump any part of said 90.0 acre feet during period of July 1, 1993 through June 30, 1994.

LICENSOR

LICENSEE

FLETCHER OIL & REFINING COMPANY
 By: *[Signature]*
 Title: *VP & General Mgr*
 Date: *4/28/94*

DOMINGUEZ WATER CORPORATION
 By: *Tony H. Wittkopf*
 Title: *Mgr - Corp Opns*
 Date: *March 11, 1994*

DOCUMENTS SUBSTANTIATING TRANSFER OF ADJUDICATED RIGHTS

YEARLY LEASE

WATER RIGHT LICENSE AND AGREEMENT

§ 7110 For a valuable consideration, WATSON LAND COMPANY hereby grants to THE DOMINGUEZ WATER CORPORATION: a license to extract 80.2 acre-feet of licensor's Adjudicated Right allocated to licensor (or predecessors in interest) under and pursuant to Judgment dated August 18, 1961, and entered in Los Angeles Superior Court Case No. 506806 entitled "California Water Service Company, et al. vs. City of Compton, et al." during the period commencing July 1, 1993 and continuing to and including June 30, 1994.

Said License is granted, subject to the following conditions:

- (1) Licensee shall exercise said right and extract the same on behalf of WATSON LAND COMPANY during the period above specified and put the same to beneficial use and licensee shall not by the exercise hereunder of said right acquire any right to extract water independent of the rights of licensor.
- (2) Licensee shall pay assessments levied on the pumping of said ground waters by the Water Replenishment District of Southern California.
- (3) Licensee shall notify the District and the Watermaster that said pumping was done pursuant to this license and provide the Watermaster with a copy of this document.
- (4) Licensee shall note, in any recording of water production for the period of agreement, that said pumping was done pursuant to this license.
- (5) Licensee's Adjudicated Right shall be increased by the amount hereby leased when computing carryover or allowable overextraction as provided by Paragraph VI in said Judgment.

WATSON LAND COMPANY warrants that it has 80.2 acre-feet of Adjudicated Right and that it has not pumped and will not pump or permit or license any other person to pump any part of said 80.2 acre-feet during period of July 1, 1993 through June 30, 1994.

WATSON LAND COMPANY

By: [Signature]
 Title: _____
 Date: _____

DOMINGUEZ WATER CORPORATION

By: [Signature]
 Title: Manager of Operations
 Date: March 11, 1994

YEARLY LEASE

WATER RIGHT LICENSE AND AGREEMENT

WEST COAST BASIN

§ 7110 For a valuable consideration, THE DOMINGUEZ WATER CORPORATION hereby grants to Inglewood Park Cemetery: a license to extract 160 acre-feet of licensor's Adjudicated Right allocated to licensor (or predecessors in interest) under and pursuant to Judgment dated August 18, 1961, and entered in Los Angeles Superior Court Case No. 506806 entitled "California Water Service Company, et al. vs. City of Compton, et al." during the period commencing July 1, 1993 and continuing to and including June 30, 1994.

Said License is granted, subject to the following conditions:

- (1) Licensee shall exercise said right and extract the same on behalf of DOMINGUEZ WATER CORPORATION during the period above specified and put the same to beneficial use and licensee shall not by the exercise hereunder of said right acquire any right to extract water independent of the rights of licensor.
- (2) Licensee shall pay assessments levied on the pumping of said ground waters by the Water Replenishment District of Southern California.
- (3) Licensee shall notify the District and the Watermaster that said pumping was done pursuant to this license and provide the Watermaster with a copy of this document.
- (4) Licensee shall note, in any recording of water production for the period of agreement, that said pumping was done pursuant to this license.
- (5) Licensee's Adjudicated Right shall be increased by the amount hereby leased when computing carryover or allowable overextraction as provided by Paragraph VI in said Judgment.

DOMINGUEZ WATER CORPORATION warrants that it has 160 acre-feet of Adjudicated Right and that it has not pumped and will not pump or permit or license any other person to pump any part of said 160 acre-feet during period of July 1, 1993 through June 30, 1994.

DOMINGUEZ WATER CORPORATION

By: [Signature]
 Title: Manager - Corporate Ops
 Date: January 10, 1994

INGLEWOOD PARK CEMETERY

By: [Signature]
 Title: Park Operations Manager
 Date: 1/10/94

YES FLEX

WATER RIGHTS LICENSE AND AGREEMENT

For good and valuable consideration, AlliedSignal, Inc., hereinafter referred to as "Allied", hereby grants to the MOBIL OIL CORPORATION, hereinafter referred to as "Mobil", during the period beginning July 1, 1993, and continuing to and including June 30, 1994, a license to exercise that portion of Allied's water rights consisting of the right to pump from the existing well(s) currently used for such purpose and to extract Two Hundred Fifty-Five (255) acre-feet of groundwater during said period from the West Coast Basin, being a groundwater basin within the Central and West Basin Water Replenishment District, in the State of California.

Said license is granted subject to the following conditions:

1. MOBIL shall keep and maintain accurate records of all water extracted hereunder and shall report the same to Allied and the Central and West Basin Water Replenishment District ("District"), to the court-appointed Watermaster, being the Department of Water Resources of the State of California, and to all other agencies to whom such reports are required to be made.
2. MOBIL agrees to prepare and file reports of all water extractions to all appropriate agencies, and to provide proof of such reports and filings to Allied.
3. MOBIL shall pay to the District any and all assessments levied by the District or any other governmental entity on the pumping and (or) extraction of the said groundwater by MOBIL.
4. MOBIL shall notify the District and the Watermaster that said extraction of groundwater is done pursuant to the provisions of this License Agreement and a copy of which shall be provided to the Watermaster.
5. MOBIL shall exercise the said water rights and extract the groundwater on behalf of Allied during the period above specified and put the same to beneficial use; and MOBIL shall not by this Agreement and (or) by the exercise hereunder of said rights acquire any rights to extract water which are independent of the rights hereby granted to it by Allied.
6. MOBIL shall note, in any recording of water production for the period of this Agreement, that said extraction was done pursuant to this license.

Water Rights License and Agreement (cont)

7. MOBIL's Adjudicated Right shall be increased during the period of this license by the amount hereby leased when computing carryover or allowable over extraction as provided in Paragraph VI in Judgment, which was entered in the case "California Water Service Co., et al., v. City of Compton, et al., Case No. C 506806 attached to this Agreement.
8. Allied agrees to provide MOBIL with the opportunity to renew its license to the said water rights in subsequent years at a price and on terms agreeable to Allied, provided that Allied in its sole discretion shall be free to refuse to grant such license or to grant such license to another.
9. Allied has been adjudicated to have a right to at least Two Hundred Fifty-Five (255) acre-feet of groundwater in the case entitled California Water Service Company, et al. vs. City of Compton, et al. in Los Angeles, Superior Court Case No. 506,806. Allied makes no warranty nor covenant, of any nature, that it is the owner of or has the right to license the said water rights purported to be licensed hereunder, except Allied warrants that it has not licensed, sold or otherwise transferred or granted to any other party, all or part of said water rights.
10. Allied shall not pump water from said West Basin during the term of this license in a quantity which would diminish any portion of the said Two Hundred Fifty-Five (255) acre-feet purported to be licensed hereunder.
11. MOBIL shall pay all power costs and any other costs of extraction and pumping in connection with the production of the said groundwater or its exercise of the said rights.
12. Notwithstanding any provisions of this License Agreement, Allied make no warranty nor covenant, of any nature, as to the quantity or quality of the said groundwater proposed to be extracted by MOBIL. MOBIL covenants that it shall have the sole responsibility for determining and insuring that the said groundwater are suitable for use by MOBIL and by any persons or entities receiving the said waters, directly or indirectly, for MOBIL. MOBIL shall defend and hold harmless Allied, its officers, directors and employees, from and against any legal or administrative actions and (or) proceedings of any nature and any costs, orders or recoveries of any nature in connection with any such actions and (or) proceedings which occur in any way as a result of or in connection with any entry onto Allied's premises by MOBIL officials, contractors agents, or invitees; the pumping or extracting of the said

DOCUMENTS SUBSTANTIATING TRANSFER OF ADJUDICATED RIGHTS

Water Rights License and Agreement (cont)

YEARLY LEASE

7510

groundwater; the quantity or quality of the said groundwater extracted by Mobil. No persons nor entities, other than the parties signatory hereto shall acquire any rights against Allied by virtue of this Agreement.

13. If either party to this License Agreement shall desire to serve a notice on the other, such notice shall be deemed to have been made if those sent to Allied are mailed or personally delivered to:

Don M. Phillips, Plant Manager
AlliedSignal, Inc.
850 S. Sepulveda Blvd.
El Segundo, CA 90245

if those sent to MOBIL are mailed or personally delivered to:

Joel H. Maness, Refinery Manager
3700 W. 190th Street
Torrance, CA 90505

Delivery by mail will be deemed to have been made five (5) business days after such notice, properly addressed with postage prepaid, is deposited in the United States mail. Either party may by notice to the other change such address for notices to it.

IN WITNESS WHEREOF the parties hereto by their duly authorized representatives have executed this Agreement to be effective on the date first above written.

AlliedSignal, Inc.

MOBIL OIL CORPORATION

Don M. Phillips
Plant Manager

Joel H. Maness
Refinery Manager

DMP/acf

vjb/mobil

WATER RIGHT LICENSE AND AGREEMENT

For valuable consideration, CARSON-MADRONA CO. grants to MOBIL OIL CORPORATION a license to extract 104.0 acre-feet of licensor's Adjudicated Right allocated to licensor (or predecessors in interest) under and pursuant to Judgment dated August 18, 1961, and entered in Los Angeles Superior Court Case No. 506806 entitled "California Water Service Company, et al vs. City of Compton, et al." during the period commencing July 1, 1993 and continuing to and including June 30, 1994.

Said license is granted, subject to the following conditions:

- (1) Licensee shall exercise said right and extract the same on behalf of the CARSON-MADRONA CO. during the period above specified and put the same to beneficial use and licensee shall not by the exercise hereunder of said right acquire any right to extract water independent of the rights of licensor.
(2) Licensee shall pay assessments levied on the pumping of said ground waters by the Central and West Basin Water Replenishment District.
(3) Licensee shall notify the District and the Watermaster that said pumping was done pursuant to this license and provide the Watermaster with a copy of this document.
(4) Licensee shall note, in any recording of water production for the period of agreement, that said pumping was done pursuant to this license.
(5) Licensee's Adjudicated Right shall be increased by the amount hereby leased when computing carryover or allowable overextraction as provided by Paragraph VI in said agreement.

The CARSON-MADRONA CO. warrants that it has 104.0 acre-feet of Adjudicated Right and that it has not pumped and will not pump or license any other person to pump any part of said 104.0 acre-feet during the period July 1, 1993 through June 30, 1994.

Dated: 03-31-94

Licensor: CARSON-MADRONA CO.

Licensee: MOBIL OIL CORPORATION

By: [Signature]
Title: General Manager

By: [Signature]
Title: Financial Services Manager

WATER RIGHT LICENSE AND AGREEMENT

For a valuable consideration, THE DOMINGUEZ WATER CORPORATION hereby grants to MOBIL OIL CORPORATION: a license to extract 2500 acre-feet of licensor's Adjudicated Right allocated to licensor (or predecessors in interest) under and pursuant to Judgment dated August 18, 1961, and entered in Los Angeles Superior Court Case No. 506806 entitled "California Water Service Company, et al. vs. City of Compton, et al." during the period commencing July 1, 1993 and continuing to and including June 30, 1994.

Said License is granted, subject to the following conditions:

- (1) Licensee shall exercise said right and extract the same on behalf of DOMINGUEZ WATER CORPORATION during the period above specified and put the same to beneficial use and licensee shall not by the exercise hereunder of said right acquire any right to extract water independent of the rights of licensor.
(2) Licensee shall pay assessments levied on the pumping of said ground waters by the Water Replenishment District of Southern California.
(3) Licensee shall notify the District and the Watermaster that said pumping was done pursuant to this license and provide the Watermaster with a copy of this document.
(4) Licensee shall note, in any recording of water production for the period of agreement, that said pumping was done pursuant to this license.
(5) Licensee's Adjudicated Right shall be increased by the amount hereby leased when computing carryover or allowable overextraction as provided by Paragraph VI in said Judgment.

DOMINGUEZ WATER CORPORATION warrants that it has 2500 acre-feet of Adjudicated Right and that it has not pumped and will not pump or permit or license any other person to pump any part of said 2500 acre-feet during period of July 1, 1993 through June 30, 1994.

DOMINGUEZ WATER CORPORATION

MOBIL OIL CORPORATION

Name: Terry H. Withoft
Terry H. Withoft

Name: [Signature]

Title: Operations Manager

Title: Financial Services Manager

Date: March 21, 1994

Date: 4/5/94

WATER RIGHT LICENSE AND AGREEMENT (West Coast Basin)

For a valuable consideration, GATX Tank Storage Terminals Corporation (GATX) hereinafter referred to as Licensor, grants to Mobil Oil Corporation hereinafter referred to as Licensee, a license to extract 171 acre feet of licensor's Adjudicated Right allocated to licensor (or predecessors in interest) under the exchange pool provisions of the Judgement in Los Angeles Superior Court Case No. 506806 entitled "California Water Service Company, et al. vs. City of Compton, et al.", during the period commencing July 1, 1993 and continuing to and including June 30, 1994.

Said license is granted, subject to the following conditions:

- (1) Licensee shall exercise said right and extract the same on behalf of the Licensor during the period above specified and put the same to beneficial use and Licensee shall not by the exercise hereunder of said right acquire any right to extract water independent of the rights of Licensor.
(2) Licensee shall pay assessments levied on the pumping of said ground water by the Central and West Basin Replenishment District.
(3) Licensee shall notify the District and the Watermaster that said pumping was done pursuant to this license and provide the Watermaster with a copy of the document.
(4) Licensee shall note, in any recording of water production for the period of agreement, that said pumping was done pursuant to this license.
(5) Licensee's Adjudicated Right shall be increased by the amount hereby leased when computing carryover or allowable overextraction as provided by Paragraph V in said Judgement.
(6) Licensee agrees to pay Licensor for the mentioned water rights at the rate of \$160.00 per acre foot for the 171 acre feet available, equal to \$27,360.00.

The Licensor warrants that it has 171 acre feet of Adjudicated Right and it has not pumped and will not pump or permit or license any other person to pump any part of said 171 acre feet during period of July 1, 1993 through June 30, 1994.

Dated: September 21, 1993

Licensor: GATX Tank Storage Terminals Corporation

Licensee: [Signature]

By: [Signature]
Title: Vice President/General Manager

By: MOBIL OIL CORP.
Title: Financial Services Manager

DOCUMENTS SUBSTANTIATING TRANSFER OF ADJUDICATED RIGHTS

WATER RIGHTS LICENSE AND AGREEMENT
(350 ACRE FEET)

THIS AGREEMENT, made and entered into by and between the CITY of LOMITA CITY WATER SYSTEM, hereinafter referred to as "CITY" and the MOBIL OIL CORPORATION hereinafter referred to as "MOBIL".

RECITALS

WHEREAS, both the CITY and MOBIL are producing water from the West Coast Basin; and

WHEREAS, the CITY owns excess adjudicated rights of 350 acre feet of water for Fiscal Year 1993-94.

WHEREAS, MOBIL desires to make temporary use of the CITY'S excess adjudicated rights during Fiscal Year 1993-94 only.

NOW, THEREFORE, the parties hereto agree as follows:

(1) CITY GRANTS:

to MOBIL a license to extract 350 acre feet during the period commencing July 1, 1993 and ending June 30, 1994 of CITY'S West Coast Basin adjudicated rights allocated to the CITY pursuant to Judgement dated August 18, 1961, and entered in Los Angeles Superior Court, Case No. 506,806, entitled "California Water Service Company et. al., vs. City of Compton, et. al.".

(2) CITY GRANTS:

to MOBIL as part of this license the right of flexibility which provides that the MOBIL allowed pumping allocation pursuant to Judgement dated August 18, 1961, and entered in Los Angeles Superior Court, Case No. 506,806, entitled "California Water Service Company et. al., vs. City of

Page 1 of 3

*Yes F/c
350 A.*

Compton, et. al.". shall be increased by the amount hereby leased when computing carry-over or allowable over extractions as provided by paragraph VI in said judgement.

(3) MOBIL AGREES:

to pay CITY the net sum \$61,250 within 30 days after being invoiced by the CITY. Said invoicing is to occur upon approval of the lease by the West Coast Basin Watermaster.

(4) MOBIL WILL:

pay to the Central and West Basin Water Replenishment District any pumping assessments levied by said replenishment district during the 1993-94 Fiscal Year on the quantity of water extracted by MOBIL from the West Coast Basin under said license.

(5) MOBIL WILL:

keep and maintain records of agreed production under this agreement and will report same to watermaster and CITY upon completion of MOBIL'S pumping.

IN WITNESS WHEREOF, the parties hereto have executed this agreement.

CITY OF LOMITA WATER SYSTEM

MOBIL OIL CORPORATION

By: Dean D. Anasthiou
DEAN D. ANASTHIU
Assistant Deputy Director

By: K.T.C. Murrell
K.A. MURRAY
Accounting Manager

Date: 8-24-93

Date: 8/3/93

APPROVED AS TO FORM:

DE WITT W. CLINTON
County Counsel

By: Audrey Oliver

KX:dh
13:WW9050.kz

PACIFIC CREST CEMETERY COMPANY, INC.

8701 182ND STREET • AT INGLEWOOD AVENUE
REDONDO BEACH, CALIFORNIA 90278
(813) 370-8881

WATER RIGHT LICENSE AND AGREEMENT

For valuable consideration, PACIFIC CREST CEMETERY COMPANY, INC., hereby grants to MOBIL OIL CORPORATION, a license to extract 30 acre-feet of licensor's Adjudicated Right allocated to licensor (or predecessors in interest) under and pursuant to Judgment dated August 18, 1961, and entered in Los Angeles Superior Court Case No. 506806 entitled "California Water Service Company, et al. vs. City of Compton, et al." during the period commencing 7-1-1993 and continuing to and including 6-30-1994.

Said License is granted, subject to the following conditions:

- (1) Licensee shall exercise said right and extract the same on behalf of Pacific Crest Cemetery Co., Inc. during the period above specified and put the same to beneficial use and licensee shall not by the exercise hereunder of said right acquire any right to extract water independent of the rights of licensor.
- (2) Licensee shall pay assessments levied on the pumping of said ground waters by the Central and West Basin Water Replenishment District.
- (3) Licensee shall notify the District and the Watermaster that said pumping was done pursuant to this license and provide the Watermaster with a copy of this document.
- (4) Licensee shall note, in any recording of water production for the period of agreement, that said pumping was done pursuant to this license.
- (5) Licensee's Adjudicated Right shall be increased by the amount hereby leased when computing carryover of allowable overextraction as provided by Paragraph VI in said Judgment.

PACIFIC CREST CEMETERY CO., INC. warrants that it has 30 acre-feet of Adjudicated Right and that it has not pumped and will not pump or permit or license any other person to pump any part of said 30 acre-feet during period through 6-30-1994.

Dated: 7/2/93

PACIFIC CREST CEMETERY CO., INC.

By: John P. Kirk, Jr.
Title: Manager

MOBIL OIL CORPORATION

By: Kathy T. Pechell
Title: Financial Sec. Mgr.

CEMETERY • MAUSOLEUM • COLLIARIBARIUM • CREMATORY

DOCUMENTS SUBSTANTIATING TRANSFER OF ADJUDICATED RIGHTS

LEASE OF WATER RIGHTS

This Lease is entered into February 22, 1994 by and between Rhone-Poulenc Basic Chemicals Co., successor-in-interest to Stauffer Chemical Company, hereinafter referred to as Rhone-Poulenc, and Mobil Oil Corporation, a municipal corporation, hereinafter referred to as Mobil.

For and in consideration of the mutual undertakings and obligations of the parties as hereinafter set forth, and for other valuable consideration, the parties herein state and agree as follows:

1. Rhone-Poulenc has been adjudged to have a right to produce, extract and withdraw 521 acre feet of water per annum from the West Coast Basin, which right is designated as an Adjudicated Right, and is described in the Judgment in Los Angeles Superior Court Case No. 506806 entitled, California Water Service Company, et al. vs. City of Compton, et al., as are the Adjudicated Rights of the many other parties to said Judgment. Rhone-Poulenc also has carryover rights.

2. The determination of the quantities of water extracted by each party pursuant to its Adjudicated Right, the record keeping required with respect thereto and leases and agreements affecting these Adjudicated Rights have all been based upon a fiscal year commencing on July 1 of each year and ending on June 30 of the following year.

3. Rhone-Poulenc presently has the right to produce, extract and withdraw in excess of 111 acre feet of water for the fiscal year commencing July 1, 1993.

4. Rhone-Poulenc hereby leases to Mobil and Mobil hereby accepts from Rhone-Poulenc 111 acre feet of its Adjudicated Right for the fiscal year commencing July 1, 1993.

5. Said lease is granted, subject to the following conditions:

(a) Mobil shall exercise, or cause to be exercised, the right to pump said 111 acre feet of Rhone-Poulenc's Adjudicated Right for the fiscal year ending June 30, 1994, and shall pump the same on behalf of Rhone-Poulenc, and shall cause the same to be put to beneficial use on or before June 30, 1994. Mobil shall exercise, or cause to be exercised, the right to pump said 111 acre feet of Rhone-Poulenc's Adjudicated Right for the fiscal year 1993-1994 and shall cause the same to be put to beneficial use on or before June 30, 1994.

(b) Mobil shall pay assessments levied on the pumping of said groundwaters by the Water Replenishment District of Southern California.

(c) Mobil shall notify Rhone-Poulenc and the Watermaster that said pumping was done pursuant to this Lease and provide the Watermaster with a copy of this Lease.

(d) Mobil shall note in any recording of water production for the period of this agreement that said pumping was done pursuant to this Lease.

(e) Mobil's Adjudicated Right shall not be increased by the amount hereby leased when computing carryover or allowable overextraction as provided in Paragraph VI of said Judgment.

RHONE-POULENC BASIC CHEMICALS CO.

By: [Signature] Lpc Hunsucker, Plant Manager

MOBIL OIL CORPORATION

By: [Signature] J. J. Campbell, J. J.

YEARLY LEASE WATER RIGHT LICENSE AND AGREEMENT

For a valuable consideration, SHELL OIL COMPANY hereby grants to MOBIL OIL CORPORATION: a license to extract 1206.80 acre-feet of licensor's Adjudicated Right allocated to licensor (or predecessors in interest) under and pursuant to Judgment dated August 18, 1961, and entered in Los Angeles Superior Court Case No. 506806 entitled "California Water Service Company, et al. vs. City of Compton, et al.", during the period commencing July 1, 1993, and continuing to and including June 30, 1994.

Said License is granted, subject to the following conditions:

- (1) Licensee shall exercise said right and extract the same on behalf of SHELL OIL COMPANY during the period above specified and put the same to beneficial use and licensee shall not by the exercise hereunder of said right acquire any right to extract water independent of the rights of licensor.
(2) Licensee shall pay assessments levied on the pumping of said ground waters by the Central and West Basin Water Replenishment District.
(3) Licensee shall notify the District and the Watermaster that said pumping was done pursuant to this license and provide the Watermaster with a copy of this document.
(4) Licensee shall note, in any recording of water production for the period of agreement, that said pumping was done pursuant to this license.
(5) Licensee's Adjudicated Right shall be increased by the amount hereby leased when computing carryover or allowable overextraction as provided by Paragraph VI in said Judgment.

SHELL OIL COMPANY warrants that it has 1206.80 acre-feet of Adjudicated Right and that it has not pumped and will not pump or permit or license any other person to pump any part of said 1206.80 acre-feet during period of July 1, 1993 through June 30, 1994.

SHELL OIL COMPANY By: [Signature] Title: Plant Mgr. Date: 6-18-93

MOBIL OIL CORPORATION By: [Signature] Title: Refinery Manager Date: 7/16/93

RIGHTS.H20 WPI/ARENAS/1993

DOCUMENTS SUBSTANTIATING TRANSFER OF ADJUDICATED RIGHTS

YEARLY LEASE

WATER RIGHT LICENSE AND AGREEMENT

#7610 For a valuable consideration, THE DOMINGUEZ WATER CORPORATION hereby grants to TEXACO REFINING AND MARKETING, INC.: a license to extract 750 acre-feet of licensor's Adjudicated Right allocated to licensor (or predecessors in interest) under and pursuant to Judgment dated August 18, 1961, and entered in Los Angeles Superior Court Case No. 506806 entitled "California Water Service Company, et al. vs. City of Compton, et al." during the period commencing July 1, 1993 and continuing to and including June 30, 1994.

Said License is granted, subject to the following conditions:

- (1) Licensee shall exercise said right and extract the same on behalf of DOMINGUEZ WATER CORPORATION during the period above specified and put the same to beneficial use and licensee shall not by the exercise hereunder of said right acquire any right to extract water independent of the rights of licensor.
(2) Licensee shall pay assessments levied on the pumping of said ground waters by the Water Replenishment District of Southern California.
(3) Licensee shall notify the District and the Watermaster that said pumping was done pursuant to this license and provide the Watermaster with a copy of this document.
(4) Licensee shall note, in any recording of water production for the period of agreement, that said pumping was done pursuant to this license.
(5) Licensee's Adjudicated Right shall be increased by the amount hereby leased when computing carryover or allowable overextraction as provided by Paragraph VI in said Judgment.

DOMINGUEZ WATER CORPORATION warrants that it has 750 acre-feet of Adjudicated Right and that it has not pumped and will not pump or permit or license any other person to pump any part of said 750 acre-feet during period of July 1, 1993 through June 30, 1994.

DOMINGUEZ WATER CORPORATION By: Terry H. Witthoff Title: Operations Manager Date: 2/25/94
TEXACO REFINING & MARKETING, INC. By: J.T. Hood Title: Asst Plant Mgr Date: 3/8/94

DEED OF WATER RIGHTS (West Coast Basin)

#7618 For a valuable consideration, POTHOS CORPORATION hereby sells and transfers to #715 EVERGREEN AMERICA CORPORATION:

The right to extract 5.4 acre-feet of grantor's Adjudicated Right allocated to grantor (or predecessors in interest) under and pursuant to Judgment dated August 18, 1961 and entered in Los Angeles Superior Court Case No. 506,806 entitled "California Water Service Company, et al. vs. City of Compton, et al."

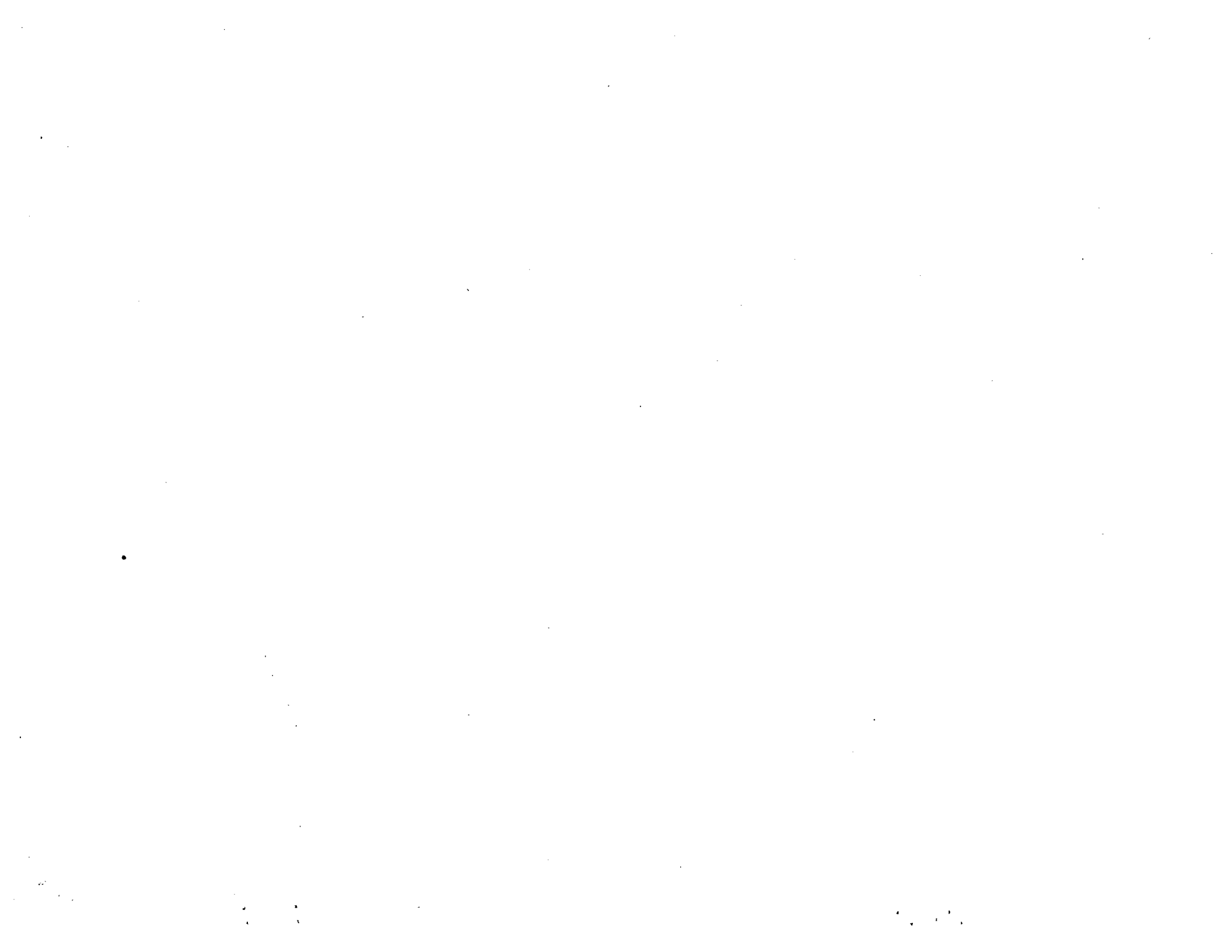
Dated JUNE 22, 1994

Grantor POTHOS CORPORATION Grantee EVERGREEN AMERICA CORPORATION
By (Signature of Designee) Title ADVISOR
By (Signature of Designee) Title VICE PRESIDENT

SUGGESTED SAMPLES OF DOCUMENTS FOR TRANSFERRING WATER RIGHTS

YEARLY LEASE	PERMANENT TRANSFER
<p><u>WATER RIGHT LICENSE AND AGREEMENT</u></p> <p>For a valuable consideration, THE JOHN DOE COMPANY hereby grants to John Smith: a license to extract _____ acre--feet of licensor's Adjudicated Right allocated to licensor (or predecessors in interest) under and pursuant to Judgment dated August 18, 1961, and entered in Los Angeles Superior Court Case No. 506806 entitled "California Water Service Company, et al. vs. City of Compton, et al." during the period commencing July 1, 199__ and continuing to and including June 30, 199__.</p> <p>Said License is granted, subject to the following conditions:</p> <ol style="list-style-type: none"> Licensee shall exercise said right and extract the same on behalf of THE JOHN DOE COMPANY during the period above specified and put the same to beneficial use and licensee shall not exercise hereunder of said right acquire any right to extract water independent of the rights of licensor. Licensee shall pay assessments levied on the pumping of said ground waters by the Water Replenishment District of Southern California. Licensee shall notify the District and the Watermaster that said pumping was done pursuant to this license and provide the Watermaster with a copy of this document. Licensee shall note, in any recording of water production for the period of agreement, that said pumping was done pursuant to this license. Licensee's Adjudicated Right _____ (shall not) (shall) be increased by the amount hereby leased when computing carryover or allowable overextraction as provided by Paragraph VI in said Judgment. <p>THE JOHN DOE COMPANY warrants that it has _____ acre--feet of Adjudicated Right and that it has not pumped and will not pump or permit or license any other person to pump any part of said _____ acre--feet during the period of July 1, 199__ through June 30, 199__.</p> <p>Dated: _____</p> <p>THE JOHN DOE COMPANY JOHN SMITH</p> <p>BY _____ By _____</p> <p>Title _____ Title _____</p>	<p><u>DEED OF WATER RIGHTS</u></p> <p>For a valuable consideration, JOHN SMITH hereby sells and transfers to THE JOHN DOE COMPANY:</p> <p>The Right to extract _____ acre--feet of grantor's Adjudicated Right allocated to grantor (or predecessors in interest) under and pursuant to Judgment dated August 18, 1961 and entered in Los Angeles Superior Court Case No. 506806 entitled "California Water Service Company, et al. vs. City of Compton, et al."</p> <p>Dated: _____</p> <p>THE JOHN DOE COMPANY JOHN SMITH</p> <p>BY _____ By _____</p> <p>Title _____ Title _____</p>

APPENDIX C
GROUND WATER EXTRACTIONS



**APPENDIX C
GROUND WATER EXTRACTIONS: PARTIES REPORTING MONTHLY
In acre-feet**

STATE WELL NUMBER	OWNERS DESIG- NATION	PRODUCTION												TOTAL
		1993						1994						
		JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	
LA COUNTY, CHESTER WASHINGTON GOLF														7470
35/14W-11J025	1397C	0.00	0.00	0.00	0.00	0.00	3.06	0.31	1.17	0.00	0.00	0.00	0.00	4.94
MANHATTAN BEACH, CITY OF														7490
35/14W-29C035	15	1.21E	0.93E	1.06E	0.49E	1.66E	0.52E	0.49E	0.03E	0.00	0.00	0.00	1.05	7.64
MAYFLOWER NURSERIES														7500
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
MOBIL OIL CORPORATION														7510
/ -	T0010	196.99E	196.99E	190.30E	273.42E	265.13E	273.97E	274.25E	235.55E	184.55E	161.85E	181.73E	247.40E	2682.13
45/14W-03L045	T0008	348.58E	299.94E	288.22E	324.01E	321.56E	333.02E	324.87E	251.80E	243.74E	246.36E	259.11E	189.22E	3430.43
45/14W-03L085	T0009	222.60E	222.60E	172.00E	232.29E	222.32E	234.22E	227.86E	161.48E	178.36E	192.44E	203.00E	201.38E	2500.63
PARTY TOTALS:		768.17	719.53	650.60	829.72	809.01	841.21	826.98	678.83	606.65	600.65	643.84	638.00	8613.19
NOZAKI, SUMIKICHI														7566
35/13W-29K015	NOZ	0.04	0.03	0.01	0.04	0.03	0.03	0.03	0.03	0.03	0.02	0.04	0.04	0.39
PACIFIC CREST CEMETERY COMPANY														7580
35/14W-33E015	00743	0.03	0.46	0.29	0.04	0.00	0.00	0.00	0.00	0.02	0.05	0.03	0.06	0.98
PALOS VERDES BEGONIA FARM														7590
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
POTHOS CORPORATION														7618
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
RHONE-POULENC BASIC CHEMICALS CO														7626
45/13W-10C025	0001A	29.89	34.58	27.96	15.15	31.32	31.17	24.90E	39.06	38.20	39.51	39.96	38.34	350.04
ROMAN CATHOLIC ARCHBISHOP OF L A														7659
25/14W-18C025	HOLY 1	14.29	12.54	15.41	10.15	10.55	4.34	8.51	0.62	0.00	0.10	3.02	11.56	91.09
SHELL OIL COMPANY														7700
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
SOUTHERN CALIFORNIA EDISON CO.														7720
45/13W-14A075	MORR1	0.18	0.16	0.15	0.17	0.08	0.12	0.09	0.04	0.11	0.08	0.18	0.14	1.50
35/14W-34B025	FRESA	0.09	0.17	0.03	0.07	0.16	0.11	0.13	0.03	0.11	0.13	0.12	0.09	1.24
35/14W-34B045	SCECO	1.65	1.39	1.03	1.36	0.83	0.63	0.76	0.26	0.92	0.78	1.39	1.76	12.76
PARTY TOTALS:		1.92	1.72	1.21	1.60	1.07	0.86	0.98	0.33	1.14	0.99	1.69	1.99	15.50
SOUTHERN CALIFORNIA WATER COMPANY														7730
35/14W-03K015	YU001	45.25	51.48	49.82	14.98	1.65	0.39	29.62	0.15	0.41	25.42	30.94	63.83	310.14
35/14W-03K025	YU002	49.58	57.78	50.23	48.21	44.60	34.60	26.63	37.22	47.73	56.49	59.38	98.49	570.94
35/14W-03K035	YU003	72.35	73.08	72.06	75.20	72.87	58.45	75.02	66.39	73.96	69.21	71.48	68.11	646.18
35/14W-13B025	BA003	51.77	20.64	45.24	13.63	0.09	0.04	0.87	25.80	42.39	49.77	72.01	64.63	386.90
35/14W-13J035	S0003	36.63	37.41	36.66	14.03	0.13	0.34	0.12	19.68	39.38	5.60	51.77	64.63	295.90
35/14W-13J045	S0004	37.28	33.84	31.69	9.68	0.10	0.17	0.08	18.47	39.31	43.87	19.33	31.14	264.96
35/14W-14A015	EV001	43.85	25.50E	28.26	8.60	0.05	0.06	0.06	0.07	0.08	0.05	53.06	60.02E	219.66
35/14W-140015	129	12.25	0.12	0.16	0.10	0.07	0.06	0.00	1.34	0.73	49.00	76.04	72.32E	212.19
35/14W-21H015	CH001	39.28	26.62	71.88	21.64	0.08	0.43	0.00	0.00	0.00	47.41	75.83	72.81	355.98
35/14W-22A015	CH001	52.93	45.39	48.95	37.06	0.00	0.00	0.00	0.23	0.08	0.00	28.24	54.08	366.96
35/14W-22A025	CH002	114.89	105.87	81.02	0.13	0.43	0.11	0.16	0.14	0.25	0.00	33.59	100.48	437.07
35/14W-22K015	0015C	0.55	0.43	0.64	0.37	0.70	0.34	0.60	0.65	0.32	0.51	0.42	0.73	6.26

**APPENDIX C
GROUND WATER EXTRACTIONS: PARTIES REPORTING MONTHLY
In acre-feet (Con't)**

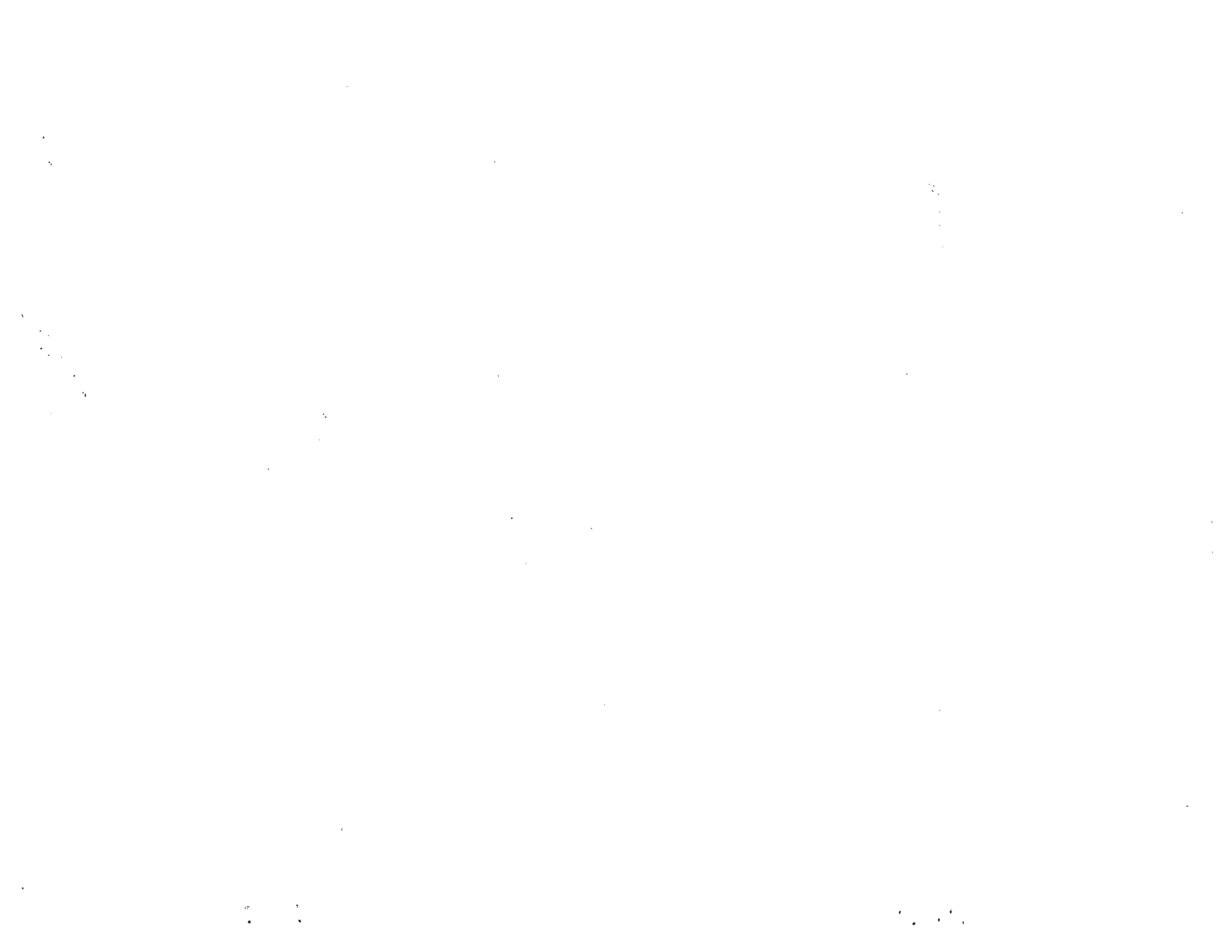
STATE WELL NUMBER	OWNERS DESIG- NATION	PRODUCTION												TOTAL	
		1993						1994							
		JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN		
SOUTHERN CALIFORNIA WATER COMPANY															7730
(CONTINUED)															
3S/14W-22L01S	CD001	91.48	38.68E	37.35	16.47	7.05	7.21	12.49	25.04	28.21	49.22	55.03	97.44	385.67	
3S/14W-22001S	00158	0.03	0.03	0.03	0.02	0.04	0.02	0.04	0.03	0.02	0.02	0.02	0.01	0.31	
3S/14W-25P04S	DA001	65.76	45.78	49.85	28.87	14.02	14.50	30.66	28.22	29.90	59.22	74.41	67.93	909.12	
PARTY TOTALS:		673.88	562.65	599.84	288.99	142.08	114.74	176.35	223.43	302.77	455.79	701.59	866.17	5108.24	
SPARKLETT'S DRINKING WATER CORP															7770
3S/13W-29006S	00001	1.74	2.82	2.96	1.03	1.41	0.58	1.59	0.78	0.77	0.40	0.23	0.44	14.95	
TEXACO REFINING AND MARKETING INC															7810
/ -	11	230.12E	245.66E	247.92E	272.49E	196.28E	184.27E	167.19E	148.93E	173.15E	171.40E	175.75E	187.50E	2400.66	
4S/13W-27M06S	10	244.61E	223.89E	210.01E	169.45E	242.27E	263.45E	254.53E	231.73E	271.10E	286.71E	303.56E	314.68E	3015.99	
4S/13W-22F07S	SRP12	28.79E	24.50E	21.80E	22.54E	23.39E	25.58E	24.80E	21.41E	28.22E	27.35E	24.97E	23.22E	745.95	
PARTY TOTALS:		503.52	494.05	479.73	464.48	461.94	473.28	446.32	402.07	472.47	485.46	503.88	525.40	5712.60	
TORRANCE, CITY OF															7850
3S/14W-34C02S	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.85	108.29	99.04	78.33	315.31	
UNION OIL COMPANY OF CALIFORNIA															7850
4S/13W- M04S	LA006	162.96E	208.21E	192.98E	205.70E	184.81E	195.41E	99.12E	137.25E	172.74E	183.44E	182.87E	185.05E	2110.54	
4S/13W-21R10S	W1004	279.92E	259.49E	223.36E	202.21E	172.44E	307.84E	287.27E	276.39E	287.45E	287.27E	286.87E	289.65E	3155.76	
PARTY TOTALS:		438.48	467.70	416.34	407.91	357.25	503.25	386.39	413.64	460.19	470.71	469.74	474.70	5266.30	
ZEIGLER, MARWELL T															7950
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	
WASIM TOTALS:		3803.56	3595.22	3341.18	3154.54	2944.91	3043.25	2902.96	2696.23	2737.10	2919.98	3367.19	3500.68	38067.00	

**GROUND WATER EXTRACTIONS: NON-PARTIES REPORTING QUARTERLY
In acre-feet**

STATE WELL NUMBER	OWNERS DESIG- NATION	PRODUCTION												TOTAL	
		1993						1994							
		JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN		
CARSON AUTO INC															7058
4S/13W-15K03S	1	0.00	0.00	0.03E	0.00	0.00	0.03E	0.00	0.00	0.03E	0.00	0.00	0.03E	0.12	
MCFADDEN, JOHN K															7502
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	
MOBIL OIL CORP (OIL RECOVERY)															7511
/ -	EW-6	3.10E	0.00	0.00	6.80E	14.30E	0.00	0.00	0.00	0.00	0.00	0.00	5.10E	29.30	
4S/14W-02F01S	EW-5	0.00	0.00	4.30E	15.10E	14.30E	15.00E	4.40E	9.60E	10.40E	0.00	18.20E	1.80E	93.10	
4S/14W-02LC1S	EW-2	0.00	0.00	0.70E	5.70E	9.90E	10.40E	4.60E	0.00	4.00E	11.80E	23.20E	21.50E	91.80	
4S/14W-02LC2S	EW-3	0.00	0.00	0.00	13.40E	10.80E	15.40E	4.40E	2.90E	1.70E	1.30E	0.00	13.90E	63.80	
4S/14W-02L03S	EW-4	20.20E	17.30E	21.70E	13.60E	11.70E	17.60E	5.60E	0.00	0.00	4.50E	18.20E	18.80E	149.20	
4S/14W-02M04S	EW-1	18.60E	5.30E	0.70E	0.00	0.00	8.00E	6.00E	0.00	3.20E	2.90E	0.00	0.00	44.70	
PARTY TOTALS:		41.90	22.60	27.40	54.60	61.00	66.40	25.00	12.50	19.30	20.50	59.60	61.10	471.60	
WASIM TOTALS:		41.90	22.60	27.43	54.60	61.00	66.43	25.00	12.50	19.33	20.50	59.60	61.13	472.02	

APPENDIX D

CHANGES IN WELL STATUS

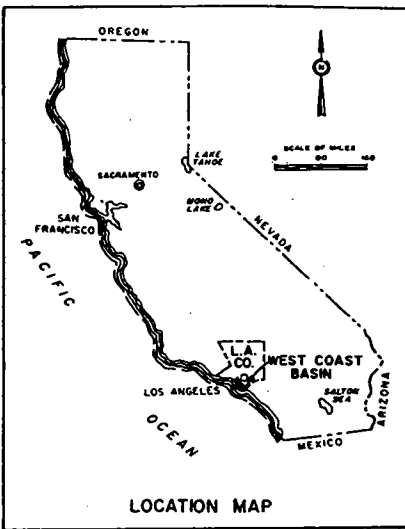
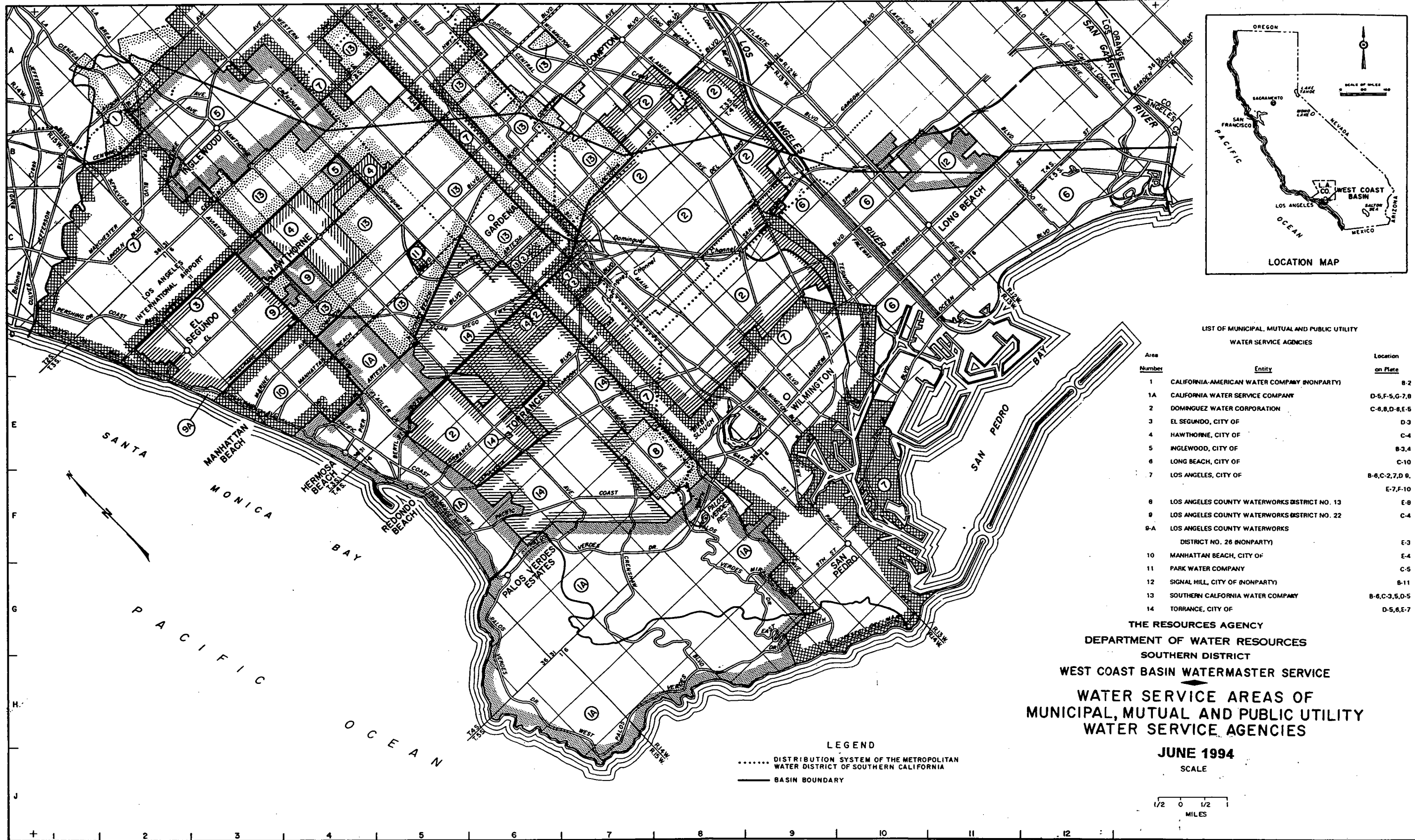


APPENDIX D. CHANGE IN WELL STATUS

Party	Recordation	State Well No.
<u>New Well</u>		
Dominguez Water Corporation	1909896	4S/13W-11P02S
<u>Destroyed Well</u>		
John McFadden	1909467	3S/14W-19K02S

CONVERSION FACTORS

Quantity	To Convert from Metric Unit	To Customary Unit	Multiply Metric Unit By	To Convert to Metric Unit Multiply Customary Unit By
Length	millimetres (mm)	inches (in)	0.03937	25.4
	centimetres (cm) for snow depth	inches (in)	0.3937	2.54
	metres (m)	feet (ft)	3.2808	0.3048
	kilometres (km)	miles (mi)	0.62139	1.6093
Area	square millimetres (mm ²)	square inches (in ²)	0.00155	645.16
	square metres (m ²)	square feet (ft ²)	10.764	0.092903
	hectares (ha)	acres (ac)	2.4710	0.40469
	square kilometres (km ²)	square miles (mi ²)	0.3861	2.590
Volume	litres (L)	gallons (gal)	0.26417	3.7854
	megalitres	million gallons (10 ⁶ gal)	0.26417	3.7854
	cubic metres (m ³)	cubic feet (ft ³)	35.315	0.028317
	cubic metres (m ³)	cubic yards (yd ³)	1.308	0.76455
	cubic dekametres (dam ³)	acre-feet (ac-ft)	0.8107	1.2335
Flow	cubic metres per second (m ³ /s)	cubic feet per second (ft ³ /s)	35.315	0.028317
	litres per minute (L/min)	gallons per minute (gal/min)	0.26417	3.7854
	litres per day (L/day)	gallons per day (gal/day)	0.26417	3.7854
	megalitres per day (ML/day)	million gallons per day (mgd)	0.26417	3.7854
	cubic dekametres per day (dam ³ /day)	acre-feet per day (ac-ft/day)	0.8107	1.2335
Mass	kilograms (kg)	pounds (lb)	2.2046	0.45359
	megagrams (Mg)	tons (short, 2,000 lb)	1.1023	0.90718
Velocity	metres per second (m/s)	feet per second (ft/s)	3.2808	0.3048
Power	kilowatts (kW)	horsepower (hp)	1.3405	0.746
Pressure	kilopascals (kPa)	pounds per square inch (psi)	0.14505	6.8948
	kilopascals (kPa)	feet head of water	0.33456	2.989
Specific Capacity	litres per minute per metre drawdown	gallons per minute per foot drawdown	0.08052	12.419
Concentration	milligrams per litre (mg/L)	parts per million (ppm)	1.0	1.0
Electrical Conductivity	microsiemens per centimetre (uS/cm)	micromhos per centimetre	1.0	1.0
Temperature	degrees Celsius (°C)	degrees Fahrenheit (°F)	(1.8 × °C) + 32	(°F - 32) / 1.8

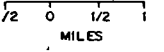


LIST OF MUNICIPAL, MUTUAL AND PUBLIC UTILITY WATER SERVICE AGENCIES

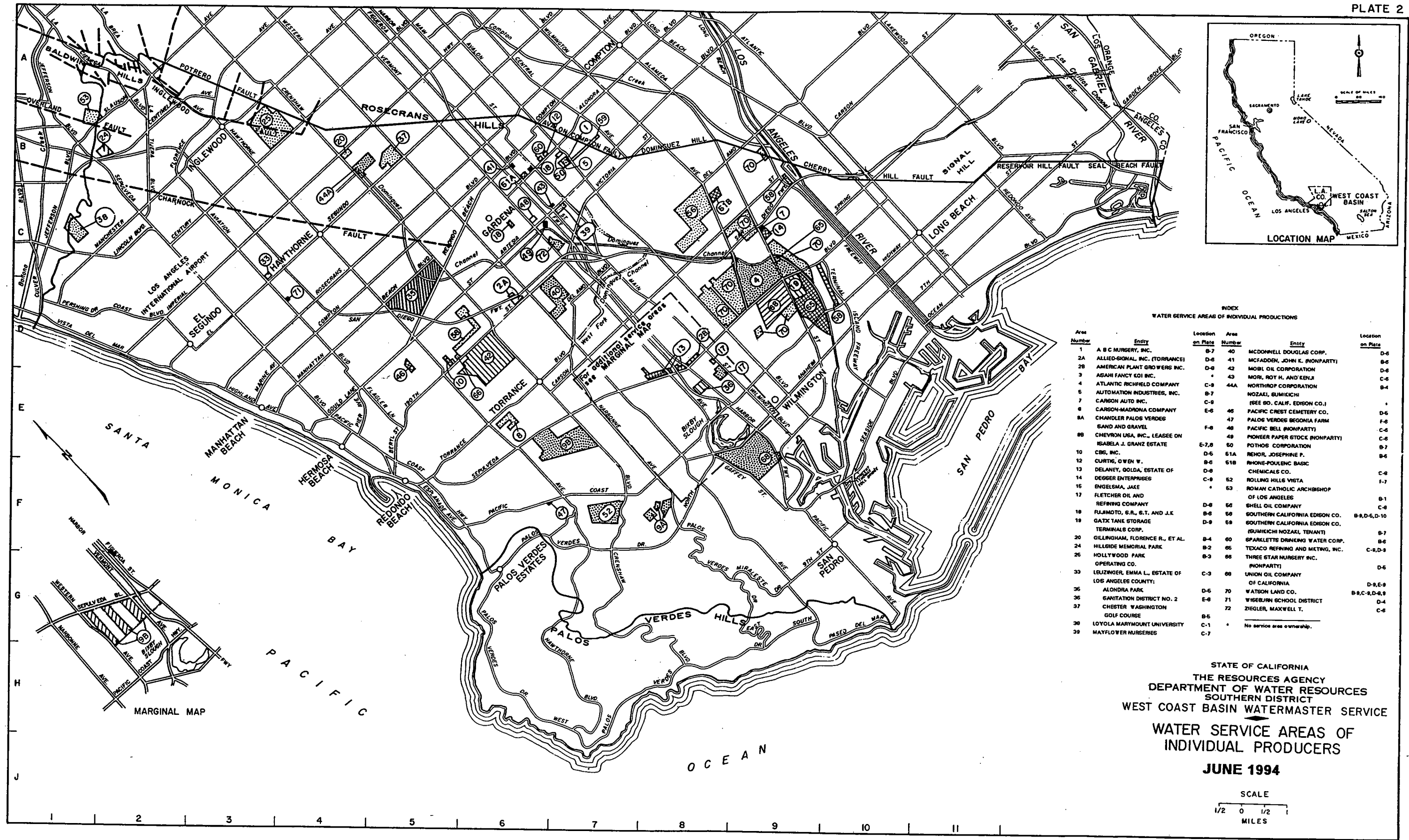
Area Number	Entity	Location on Plate
1	CALIFORNIA-AMERICAN WATER COMPANY (NONPARTY)	B-2
1A	CALIFORNIA WATER SERVICE COMPANY	D-5,F-5,G-7,8
2	DOMINGUEZ WATER CORPORATION	C-8,B-D-8,E-5
3	EL SEGUNDO, CITY OF	D-3
4	HAWTHORNE, CITY OF	C-4
5	INGLEWOOD, CITY OF	B-3,4
6	LONG BEACH, CITY OF	C-10
7	LOS ANGELES, CITY OF	B-8,C-2,7,D-8, E-7,F-10
8	LOS ANGELES COUNTY WATERWORKS DISTRICT NO. 13	E-8
9	LOS ANGELES COUNTY WATERWORKS DISTRICT NO. 22	C-4
9-A	LOS ANGELES COUNTY WATERWORKS DISTRICT NO. 26 (NONPARTY)	E-3
10	MANHATTAN BEACH, CITY OF	E-4
11	PARK WATER COMPANY	C-5
12	SIGNAL HILL, CITY OF (NONPARTY)	B-11
13	SOUTHERN CALIFORNIA WATER COMPANY	B-6,C-3,5,D-5
14	TORRANCE, CITY OF	D-5,8,E-7

THE RESOURCES AGENCY
 DEPARTMENT OF WATER RESOURCES
 SOUTHERN DISTRICT
 WEST COAST BASIN WATERMASTER SERVICE
**WATER SERVICE AREAS OF
 MUNICIPAL, MUTUAL AND PUBLIC UTILITY
 WATER SERVICE AGENCIES**

JUNE 1994
 SCALE



LEGEND
 DISTRIBUTION SYSTEM OF THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA
 ——— BASIN BOUNDARY

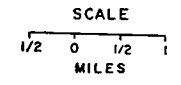


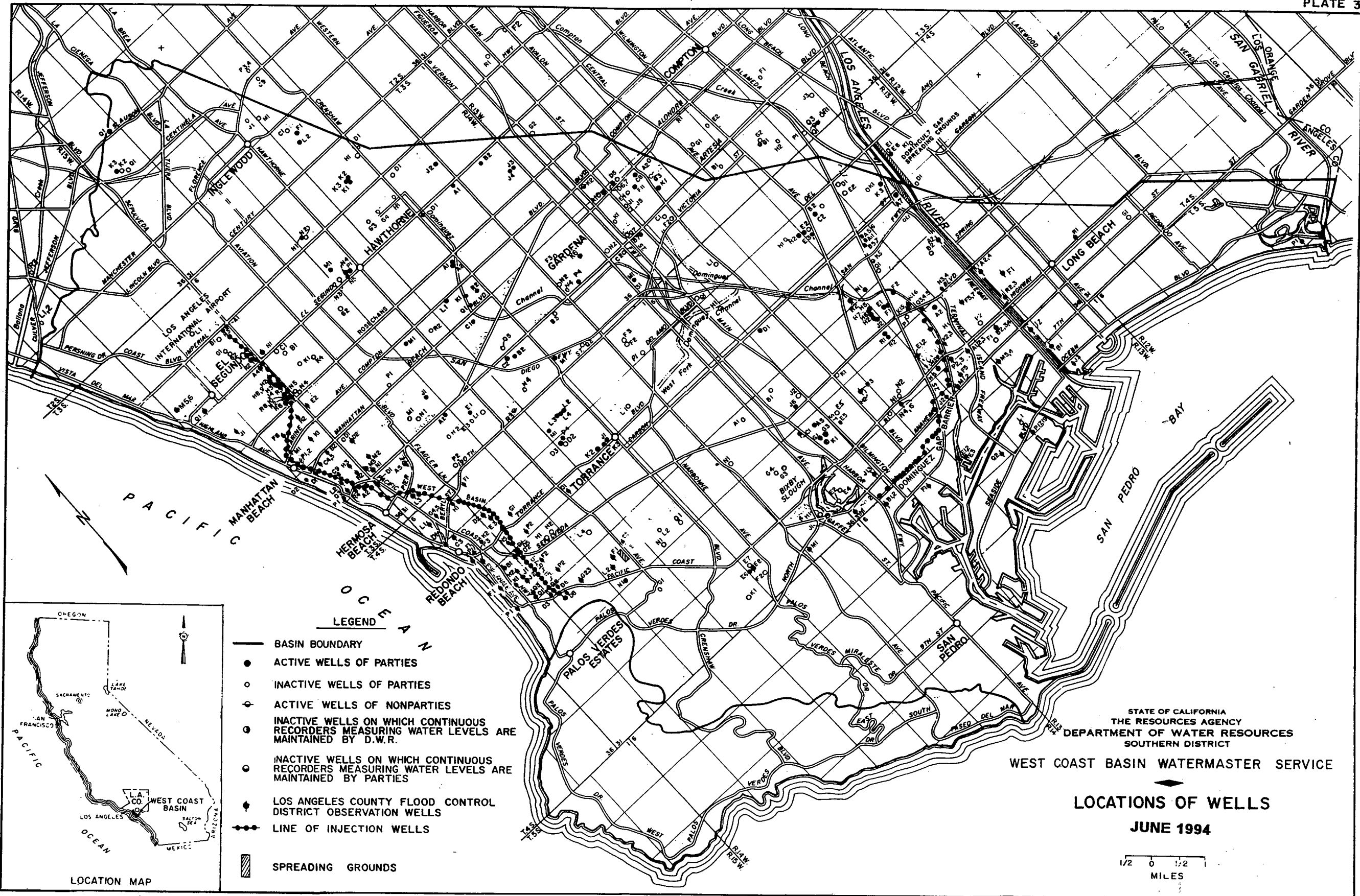
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WATER SERVICE AREAS OF INDIVIDUAL PRODUCTIONS

Area Number	Entity	Location on Plate	Area Number	Entity	Location on Plate
1	A B C NURSERY, INC.	B-7	40	MCDONNELL DOUGLAS CORP.	D-6
2A	ALLIED-SIGNAL, INC. (TORRANCE)	D-6	41	MCFADDEN, JOHN E. (NONPARTY)	B-6
2B	AMERICAN PLANT GROWERS INC.	D-6	42	MOBIL OIL CORPORATION	D-6
3	ASAHI FANCY KOI INC.	*	43	MORI, RYU H. AND EENJI	C-6
4	ATLANTIC RICHFIELD COMPANY	C-8	44A	NORTHROP CORPORATION	B-4
5	AUTOMATION INDUSTRIES, INC.	B-7		NOZAKI, SUMIKICHI	*
6	CARSON AUTO INC.	C-9		(SEE SO. CALIF. EDISON CO.)	*
7	CARSON-MADRONA COMPANY	E-6	46	PACIFIC CREST CEMETERY CO.	D-6
8A	CHANDLER PALOS VERDES SAND AND GRAVEL	F-8	47	PALOS VERDES BEGONIA FARM	F-8
9	CHEVRON USA, INC., LEASEE ON ISABELA J. GRANZ ESTATE	E-7,8	48	PACIFIC BELL (NONPARTY)	C-6
10	CBS, INC.	D-6	49	PIONEER PAPER STOCK (NONPARTY)	C-6
11	CURTIS, OWEN W.	B-6	50	POTHOS CORPORATION	B-7
12	DELANEY, GOLDA, ESTATE OF	D-8	51A	REHOR, JOSEPHINE F.	B-6
13	DEGGER ENTERPRISES	C-9	51B	RHONE-POULENC BASIC CHEMICALS CO.	C-6
14	ENGELSMA, JAKE	*	52	ROLLING HILLS VISTA	F-7
15	FLETCHER OIL AND REFINING COMPANY	D-8	53	ROMAN CATHOLIC ARCHBISHOP OF LOS ANGELES	B-1
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23	SANITATION DISTRICT NO. 2	E-6	61	UNION OIL COMPANY OF CALIFORNIA	D-9, E-9
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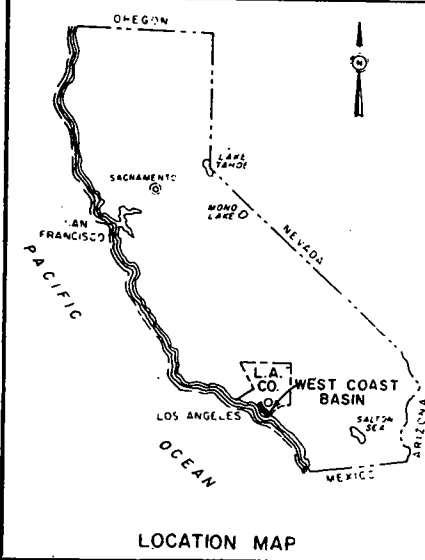
* No service area ownership.

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
SOUTHERN DISTRICT
WEST COAST BASIN WATERMASTER SERVICE
**WATER SERVICE AREAS OF
INDIVIDUAL PRODUCERS**
JUNE 1994





- LEGEND**
- BASIN BOUNDARY
 - ACTIVE WELLS OF PARTIES
 - INACTIVE WELLS OF PARTIES
 - ◐ ACTIVE WELLS OF NONPARTIES
 - ◑ INACTIVE WELLS ON WHICH CONTINUOUS RECORDERS MEASURING WATER LEVELS ARE MAINTAINED BY D.W.R.
 - ◒ INACTIVE WELLS ON WHICH CONTINUOUS RECORDERS MEASURING WATER LEVELS ARE MAINTAINED BY PARTIES
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STATE OF CALIFORNIA
 THE RESOURCES AGENCY
 DEPARTMENT OF WATER RESOURCES
 SOUTHERN DISTRICT

WEST COAST BASIN WATERMASTER SERVICE

LOCATIONS OF WELLS
JUNE 1994

