Bulletin 132-16
Appendix B

Data and Computations Used to Determine 2017 Water Charges

STATE OF CALIFORNIA – CALIFORNIA NATURAL RESOURCES AGENCY

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State Water Project Contractors:

We have completed the annual review and redetermination of all water supply and financial aspects of the State Water Project as required by the water supply contracts. This report presents the data and computations used by the State of California in determining the water supply contractors' Statements of Charges to be paid in calendar year 2017.

The information contained herein is published in compliance with Article 22(f) and Article 29(e) of the water supply contracts.

The report, Bulletin 132-16, Appendix B, will also be published as part of the Department of Water Resources' Bulletin 132-16.

Sincerely,

Pedro Villalobos, Acting Chief
State Water Project Analysis Office

Appendix B
Data and Computations
Used to Determine 2017 Water Charges

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SWP Water Contractors

The State Water Project water supply contractors are listed below, followed by shortened forms of their names that are used in Bulletin 132.

Alameda County Flood Control and Water Conservation District, Zone 7	Alameda-Zone 7
Alameda County Water District	Alameda County
Antelope Valley-East Kern Water Agency	AVEK
Castaic Lake Water Agency	Castaic Lake
City of Yuba City	Yuba City
Coachella Valley Water District	Coachella
County of Butte	Butte
County of Kings	Kings
Crestline-Lake Arrowhead Water Agency	Crestline
Desert Water Agency	Desert
Dudley Ridge Water District	Dudley Ridge
Empire West Side Irrigation District	Empire
Kern County Water Agency	Kern
Littlerock Creek Irrigation District	Littlerock
The Metropolitan Water District of Southern California	Metropolitan
Mojave Water Agency	Mojave
Napa County Flood Control and Water Conservation District	Napa
Oak Flat Water District	Oak Flat
Palmdale Water District	Palmdale
Plumas County Flood Control and Water Conservation District	Plumas
San Bernardino Valley Municipal Water District	San Bernardino
San Gabriel Valley Municipal Water District	San Gabriel
San Gorgonio Pass Water Agency	San Gorgonio
San Luis Obispo County Flood Control and Water Conservation District	San Luis Obispo
Santa Barbara County Flood Control and Water Conservation District	Santa Barbara
Santa Clara Valley Water District	Santa Clara
Solano County Water Agency	Solano
Tulare Lake Basin Water Storage District	Tulare
Ventura County Watershed Protection District	Ventura

Appendix B
Data and Computations
Used to Determine 2017 Water Charges

The Department of Water Resources (DWR) annually furnishes Statements of Charges to the 29 State Water Project (SWP) water supply contractors. Article 29(e) of the *Standard Provisions for Water Supply Contract*, approved August 3, 1962, describes those statements:

> "All such statements shall be accompanied by the latest revised copies of the document amendatory to Article 22 and of Tables B, C, D, E, F, and G of this contract, together with such other data and computations used by the State in determining the amounts of the above charges as the State deems appropriate."

To comply with Article 29(e), DWR performs an annual comprehensive review and redetermination of all water supply and financial aspects of the SWP for the entire project repayment period. This annual redetermination is performed in accordance with Article 22(f) and Article 28 of the water supply contracts, which concern the Delta Water Rate and annual transportation charges, respectively.

Appendix B includes data used to document the redetermination of water charges to be paid by contractors during calendar year 2017. The information is based on established data about the SWP, both known and projected, as of June 2016; however, small volumes of water may be reclassified over time pursuant to water supply contract provisions. If research requires more current data than was available at the time of production of Bulletin 132, please contact the State Water Project Analysis Office. Where applicable, the projected data values shown in this appendix are shaded and the bill year data are in **bold** type.

The computational procedures and interrelationships between tabulations in this appendix are outlined on *Figures B-1* and *B-2*. All tables referenced on Figures B-1 and B-2 follow this text.

Types of Water Charges

Charges to SWP water supply contractors include the costs of facilities for the conservation and development of a water supply and the conveyance of such supply to SWP service areas. These facilities are classified as "Project Conservation Facilities" and "Project Transportation Facilities" in the *Standard Provisions for Water Supply Contract*. Names of the main facilities in each classification follow.

Project Conservation Facilities

- Frenchman Dam and Lake
- Grizzly Valley Dam and Lake Davis
- Antelope Dam and Lake
- Oroville Dam and Lake Oroville
- Oroville power facilities
- Delta facilities
- Suisun Marsh facilities
- Yolo Bypass
- A portion of the California Aqueduct from the Delta to Dos Amigos Pumping Plant

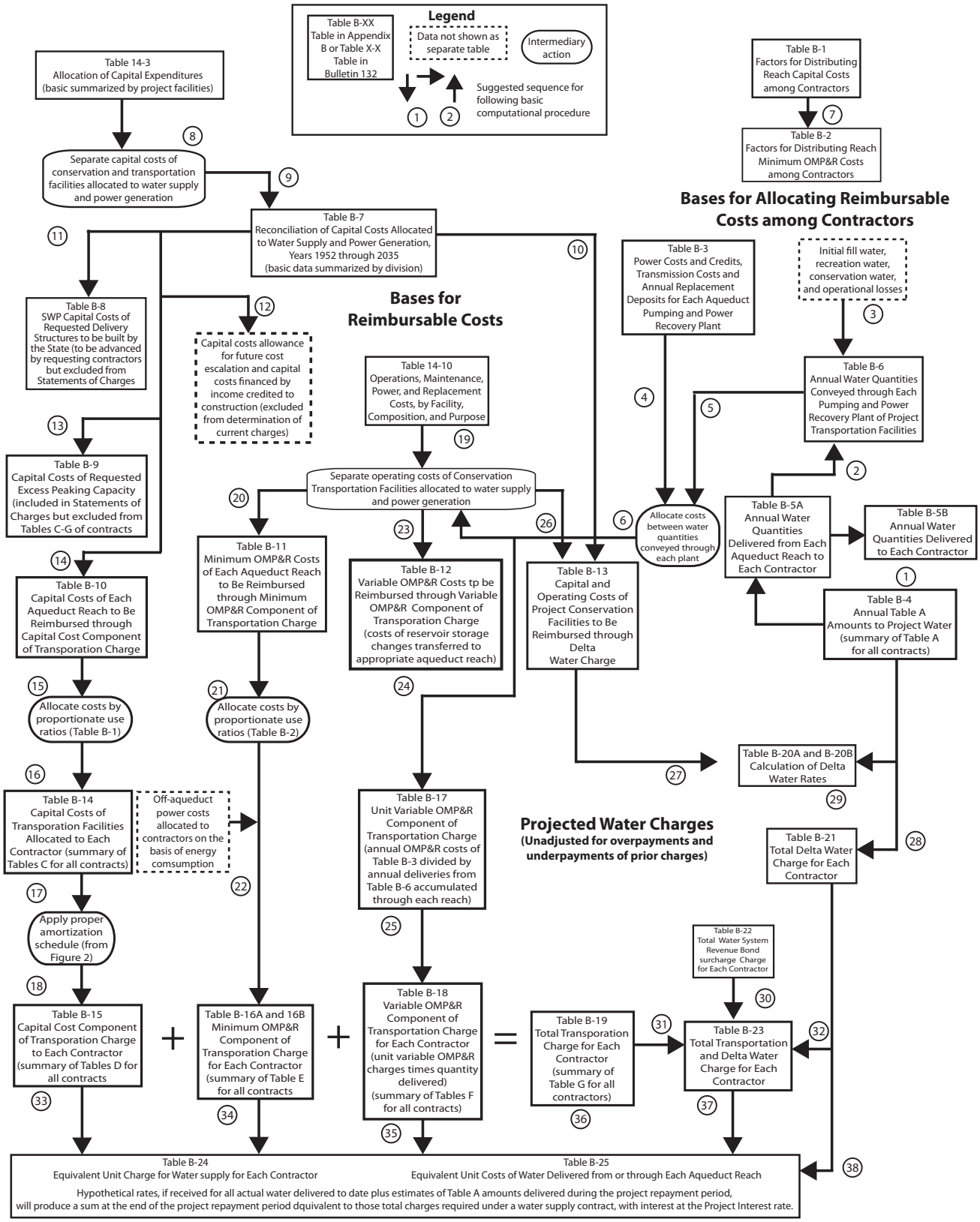

Figure B-1 Relationships of Data Used to Substantiate Statements of Charges

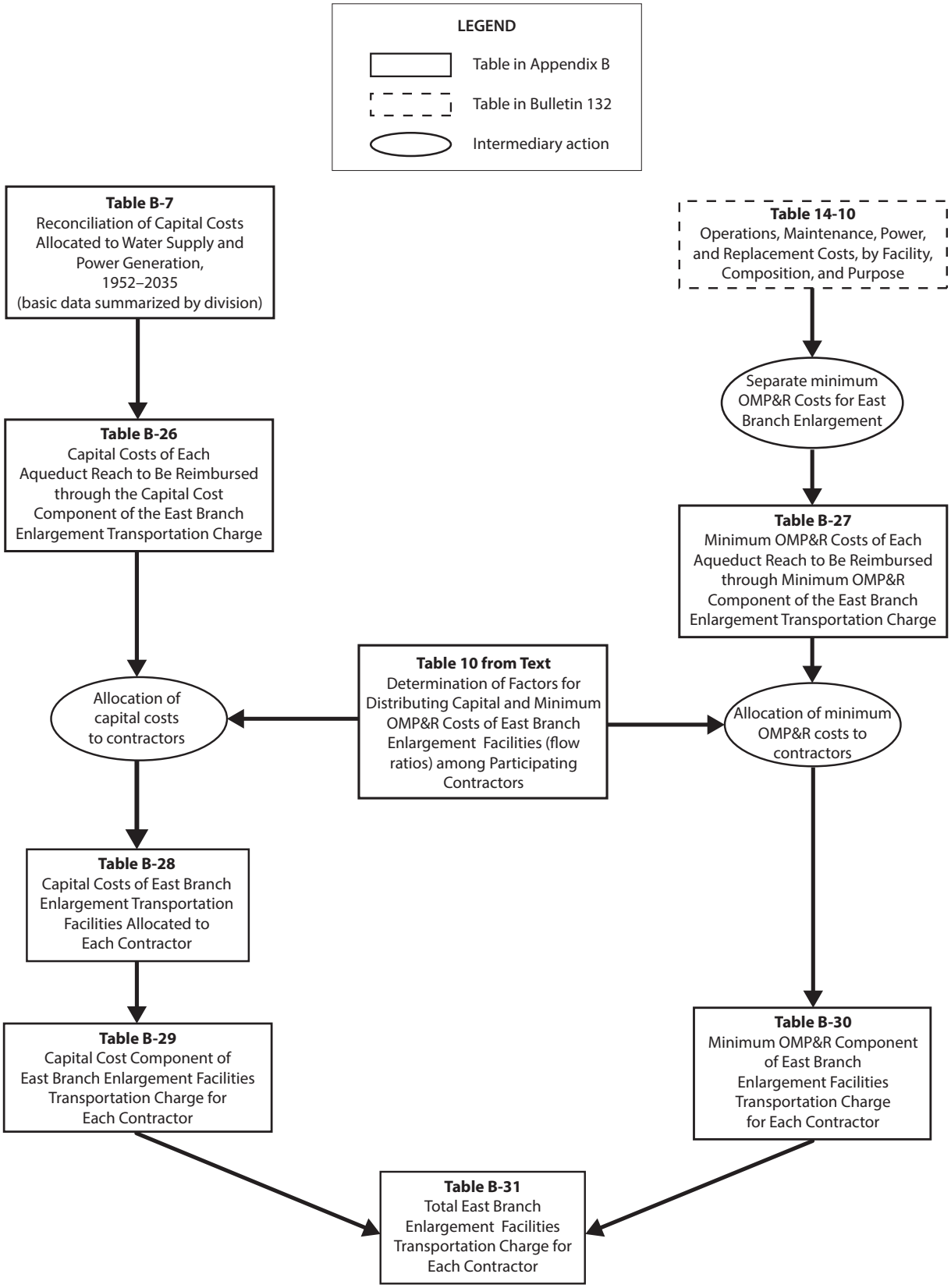

Figure B-2 Relationships of Data Used to Substantiate East Branch Enlargement Charges

- Sisk Dam, San Luis Reservoir, and Gianelli Pumping-Generating Plant

Project Transportation Facilities

- Grizzly Valley Pipeline
- North Bay Aqueduct
- South Bay Aqueduct, including Del Valle Dam and Lake del Valle
- the remainder of the California Aqueduct from the Delta to Dos Amigos Pumping Plant and all facilities south, including dams and lakes in Southern California
- Off-Aqueduct Power Facilities (Reid Gardner Unit No. 4, Bottlerock Powerplant, and South Geysers Powerplant)

The standard provisions provide for a Delta Water Charge and a Transportation Charge for project water.

The Delta Water Charge is a unit charge applied to each acre-foot of SWP water the contractors are to receive, in accordance with their contracts. The unit charge, if applied to each acre-foot of all such allocations for the remainder of the project repayment period, is calculated to result in repayment of all outstanding reimbursable costs of the Project Conservation Facilities, with appropriate interest, by the end of the repayment period (2035).

The Transportation Charge is for use of facilities to transport water to the vicinity of each contractor's turnout(s). Generally, the annual charge represents each contractor's proportionate share of the reimbursable capital costs and operating costs of the Project Transportation Facilities.

Each contractor's allocated share of those reimbursable capital costs is amortized for repayment to the State, and certain variations are allowed in the amortization methods. Contractors' shares of reimbursable operating costs are repaid in the year such costs are incurred by the State.

The East Branch Enlargement Transportation Charge is paid by the seven Southern California contractors participating in the enlargement. San Bernardino Valley Municipal Water District advanced funds to pay the district's allocated capital costs for the East Branch Enlargement. The remaining six contractors pay an allocated share of the debt service on revenue bonds sold to finance the enlargement. Each contractor will also pay an allocated share of the minimum operation, maintenance, power, and replacement (OMP&R) costs of the East Branch Enlargement.

Transportation charges for the Coastal Branch Extension, East Branch Extension, and South Bay Enlargement are being repaid by contractors in their respective service areas.

Transportation charges for the Tehachapi Afterbay are repaid by those contractors using electrical power for delivery of their Table A water downstream of the Tehachapi Afterbay.

Composition and Timing of Water Charges

As shown on *Figure B-3*, the Delta Water Charge and the Transportation Charge consist of the following three components:

(1) conservation and transportation capital cost components, which will return to the State all reimbursable capital costs;
(2) conservation and transportation minimum OMP&R components, which will return to the State all reimbursable operating costs that do not depend on or vary with quantities of water actually delivered to the contractors; and
(3) a transportation variable OMP&R component, which will return to

Delta Water Charge

Capital Cost Component

1. Planning, design, right-of-way, and construction costs of Conservation Facilities
2. Operations and maintenance (O&M) costs for newly constructed Conservation Facilities prior to initial operations
3. Activation costs for newly constructed Conservation Facilities
4. Power costs allocated to initial filling of San Luis Reservoir
5. Capitalized O&M costs (major repair work and so forth) for Conservation Facilities
6. Program costs (portion) to mitigate impacts on current Delta fishery population due to State Water Project (SWP) pumping prior to 1986 (Department of Water Resources-Department of Fish and Game agreement)

Minimum Operations, Maintenance, Power, and Replacement (OMP&R) Component

1. Direct O&M costs of Conservation Facilities
2. General O&M costs allocated to Conservation Facilities
   a. Contractor Accounting Office (portion)
   b. Financial and contract administration (portion)
   c. Water rights
   d. Power planning for SWP facilities (portion)
3. Replacement deposits for SWP control centers (portion)
4. Credits for a portion of Hyatt-Thermalito power generation
5. Power costs and credits related to pumping water to San Luis Reservoir for project operations (storage changes)
6. Value of power used and generated by Gianelli Pumping-Generating Plant
7. Program costs (portion) to offset annual fish losses resulting from pumping at Banks Pumping Plant (Department of Water Resources-Department of Fish and Game agreement)

Transportation Charge

Capital Cost Component

1. Planning, design, right-of-way, and construction costs of Transportation Facilities
2. Operations and maintenance (O&M) costs for newly constructed Transportation Facilities prior to initial operation
3. Activation costs for newly constructed Transportation Facilities
4. Power costs allocated to initial filling of Southern California reservoirs
5. Capitalized O&M costs (e.g., major repair work) for Transportation Facilities
6. Program costs (portion) to mitigate impacts on current Delta fishery population due to SWP pumping prior to 1986 (Department of Water Resources-Department of Fish and Game agreement)

Minimum OMP&R Component

1. Direct O&M costs of Transportation Facilities
   a. Headquarters and field divisions (portion)
   b. Insurance and Federal Energy Regulatory Commission (FERC) costs (portion)
2. General O&M costs related to Transportation Facilities
   a. Contractor Accounting Office (portion)
   b. Financial and contract administration (portion)
   c. Power planning for SWP facilities (portion)
3. Power costs and credits related to pumping water to Southern California reservoirs for project operations (storage changes)
4. Power costs for pumping water to replenish losses from Transportation Facilities (downstream costs)
5. Other power costs
   a. Station service at Transportation Facility power and pumping plants
   b. Certain transmission service costs (transmission access charges, downstream costs, etc.)
6. Replacement deposits for SWP control centers (portion)
7. Off-Aqueduct Power Facility costs—bond service, bond cover costs (25 percent of bond service), bond reserves, transmission service costs, fuel costs, taxes, and O&M—less power sales allocated to Off-Aqueduct Power Facilities
8. Program costs (portion to offset annual fish losses resulting from pumping at Banks Pumping Plant (Department of Water Resources-Department of Fish and Game agreement)

Variable OMP&R Component

1. Power purchase costs
   a. Capacity
   b. Energy
   c. Pine Flat Powerplant bond service, O&M, and transmission costs allocated to aqueduct pumping plants
2. Alamo, Devil Canyon, Warne, and Castaic power generation credited at the power plant reach and charged to aqueduct pumping plants
3. Hyatt-Thermalito Diversion Dam Powerplant generation charged to aqueduct pumping plants (credits for this generation are reflected in the Delta Water Rate)
4. Replacement deposits for equipment at pumping plants and power plants
5. Credits from sale of excess SWP system power
6. Program costs (portion) to offset annual fish losses resulting from pumping at Banks Pumping Plant (Department of Water Resources-Department of Fish and Game agreement)

Note: Excludes costs recovered under the East Branch Enlargement Transportation Charge.

Figure B-3 Composition of Delta Water Charge and Transportation Charge

the State all reimbursable operating costs that depend on and vary with quantities of water actually delivered to the contractors.

The formula for computing the Delta Water Rate, Article 22(f) of the *Standard Provisions for Water Supply Contract*, was designed to ensure that all adjustments for prior overpayments or underpayments of the Delta Water Charge are accounted for in a redetermination of the rate. Since the redetermined rate applies to all future allocations, such adjustments are amortized during the remainder of the project repayment period. This appendix includes a redetermination of the Delta Water Rate for 2017.

Article 28 of the standard provisions stipulates that Transportation Charges be redetermined each year. The tables in Appendix B include the numerical data used in this redetermination. Transportation Charges for prior years through 2016, included in those tables, are the redetermined amounts and do not equal the amounts actually paid by contractors.

As provided under the Water System Revenue Bond Amendment to the water supply contracts, differences between actual payments under the Transportation capital cost component and amounts computed in this redetermination are accumulated with interest and amortized during the remaining years of the contract repayment period. All computations for adjustments are included in the attachments accompanying each contractor's Statement of Charges and are reflected in revised copies of Table C through Table G of the contract, which are also furnished to each SWP contractor in its annual Statement of Charges.

These redeterminations exclude four charges associated with water service other than the Delta Water Charge and the Transportation Charge. The excluded charges (and the manner in which they are treated in this appendix) are outlined below.

(1) Advances of funds pursuant to Article 24(d) of the standard provisions for excess capacity constructed by the State at the request of contractors.
(2) Advances of funds pursuant to Article 10(d) of the standard provisions for delivery structures (turnouts) constructed by the State at the request of contractors. Partial information concerning actual and projected capital costs of such delivery structures is included in this appendix. Statements concerning these costs and data are furnished to the appropriate contractors at various times and are not part of the annual statements.
(3) Payments for sale and service of surplus water to entities other than contractors, pursuant to Article 21 of the standard provisions, are also excluded. Those payments are generally based on the unit rates shown in Table B-25. Net revenues resulting from noncontractor service are applied as indicated on page 24 of Bulletin 132-71.
(4) Payments under the Devil Canyon-Castaic contract for costs of the Devil Canyon-Castaic facilities allocable to power generation. Charges billed as a result of the contract are billed separately from those billed as a result of the water supply contract. Information about the treatment of such charges in relation to redetermined Transportation Charges is included in special attachments to the bills of the six participating contractors.

Time and method of payment for corresponding components of the Delta Water Charge and the Transportation Charge are as follows:

(1) The capital cost components of the Delta Water Charge and the

Transportation Charge are paid in two semiannual installments, due January 1 and July 1 of each year, based on statements furnished by the State on or before July 1 of the preceding year.

(2) The minimum OMP&R components of the Delta Water Charge and the Transportation Charge are paid in 12 equal installments due the first of each month and based on statements furnished by the State on or before July 1 of the preceding year.

(3) The variable OMP&R component of the Transportation Charge is paid in varying monthly amounts and is due the fifteenth day of the second month following actual water delivery. The charges are projected based on a unit charge per acre-foot established on or before July 1 of the preceding year. Those unit charges may be revised during the year to reflect current power costs and revenues. The unit charges are applied to actual monthly delivery quantities as determined by the State on or before the fifteenth day of the month following actual water delivery.

Bases for Allocating Reimbursable Costs among Contractors

This section describes procedures for allocating reimbursable costs of Project Transportation Facilities among contractors (see upper right portion of Figure B-1). Those costs do not include annual costs of Off-Aqueduct Power Facilities, which are explained in the "Project Water Charges" section.

Capital and Minimum OMP&R Costs

Figure B-4 includes information about the repayment reaches that form the basis for allocating reimbursable costs of the Project Transportation Facilities among contractors. Allocations of reimbursable capital costs and minimum OMP&R costs of each reach are based on the proportionate maximum use of that reach by respective contractors under planned conditions of full development.

The derivation of ratios that represent the proportionate maximum use of each aqueduct reach by the respective contractors was first reported in Bulletin 132-70. The ratios in Bulletin 132-70 were subsequently revised for the North Bay Aqueduct, the South Bay Aqueduct, the California Aqueduct from the Delta to Castaic Lake, and the Coastal Branch.

All the revisions reported in previous bulletins regarding the derivation of ratios that represent the proportionate maximum use of each aqueduct reach by the respective contractors were last reported in Tables B-1 and B-2 of Bulletin 132-91. Under Article 53 of the Monterey Amendment, agricultural contractors may sell up to 130,000 acre-feet of aqueduct capacity to municipal and industrial contractors. The first permanent transfer occurred in 1998. Currently, 114,000 acre-feet of the allowable capacity has been transferred. *Table 1* shows the permanent capacity transfers that have taken place since the Monterey Amendment was implemented in 1995.

Table B-1 presents the reach ratios currently applicable to reimbursable capital costs. These reach ratios do not reflect the permanent capacity transfers.

Table B-2 presents corresponding ratios for allocating 2016 and after reimbursable minimum OMP&R costs among contractors. Requested excess capacity is omitted when deriving ratios applicable to capital costs because the capital costs for the excess capacity are paid on an incremental-cost basis and not a proportionate-use basis. However, requested excess capacity is accounted for in the ratios applicable to minimum OMP&R costs.

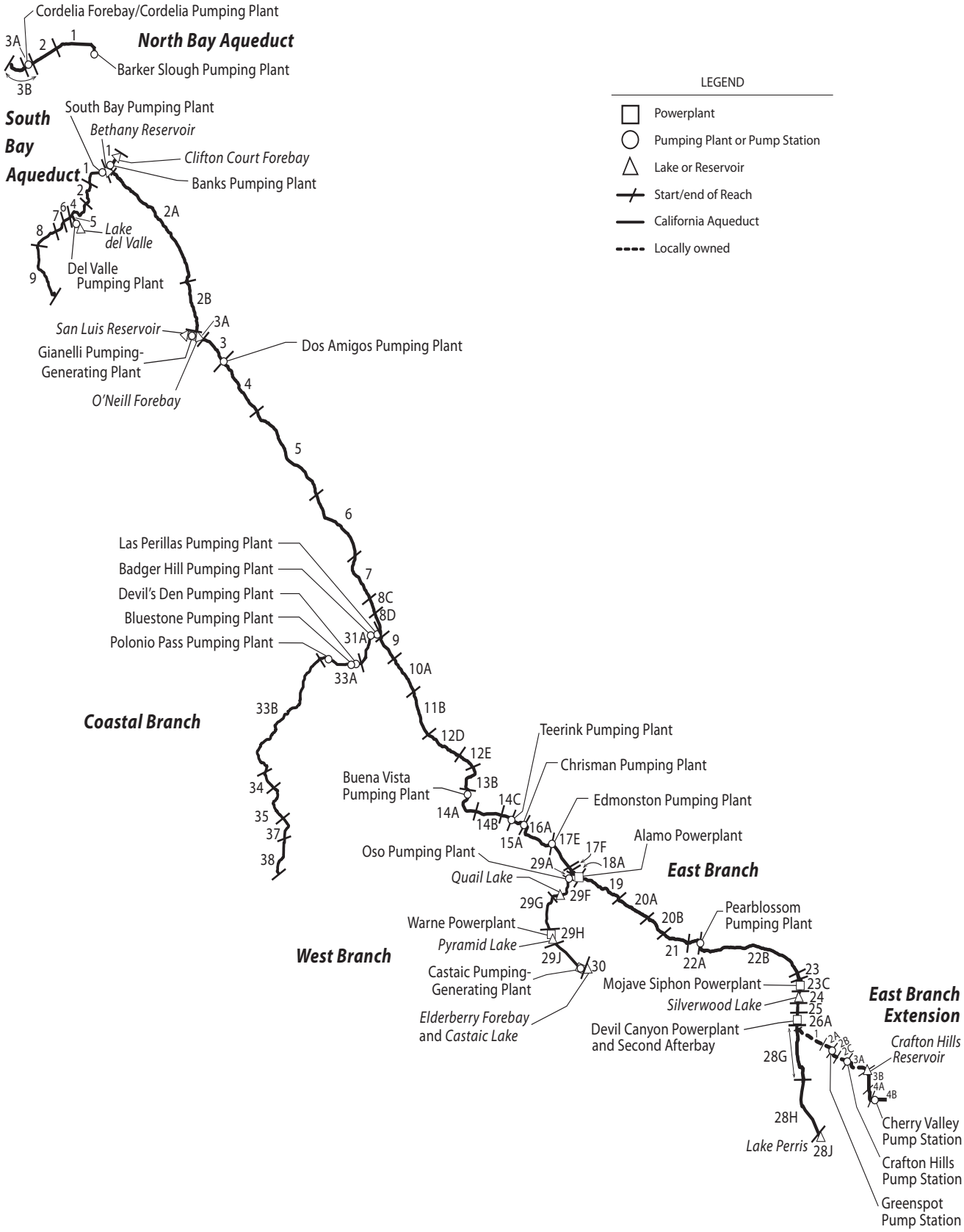

Figure B-4 Repayment Reaches and Descriptions

North Bay Aqueduct

1	Barker Slough through Fairfield/Vacaville Turnout
2	Fairfield/Vacaville Turnout to Cordelia Forebay
3A	Cordelia Forebay through Benicia and Vallejo Turnouts
3B	Cordelia Forebay through Napa Turnout Reservoir

South Bay Aqueduct

1	Bethany Reservoir through Altamont Turnout
2	Altamont Turnout through Patterson Reservoir
4	Patterson Reservoir to Del Valle Junction
5	Del Valle Junction through Lake del Valle
6	Del Valle Junction through South Livermore Turnout
7	South Livermore Turnout through Vallecitos Turnout
8	Vallecitos Turnout through Alameda-Bayside No. 1 Turnout
9	Alameda-Bayside No. 1 Turnout through Santa Clara Terminal Facilities

California Aqueduct

North San Joaquin Division

1	Delta through Bethany Reservoir
2A	Bethany Reservoir to Orestimba Creek
2B	Orestimba Creek to O'Neill Forebay

San Luis Division

3A	Sisk Dam, San Luis Reservoir, and Gianelli Pumping-Generating Plant
3	O'Neill Forebay to Dos Amigos Pumping Plant
4	Dos Amigos Pumping Plant to Panoche Creek
5	Panoche Creek to Five Points
6	Five Points to Arroyo Pasajero
7	Arroyo Pasajero to Kettleman City

South San Joaquin Division

8C	Kettleman City through Milham Avenue
8D	Milham Avenue through Avenal Gap
9	Avenal Gap through Twisselman Road
10A	Twisselman Road through Lost Hills
11B	Lost Hills to 7th Standard Road
12D	7th Standard Road through Elk Hills Road
12E	Elk Hills Road through Tupman Road
13B	Tupman Road to Buena Vista Pumping Plant
14A	Buena Vista Pumping Plant through Santiago Creek
14B	Santiago Creek through Old River Road
14C	Old River Road to Teerink Pumping Plant
15A	Teerink Pumping Plant to Chrisman Pumping Plant
16A	Chrisman Pumping Plant to Edmonston Pumping Plant

Coastal Branch, California Aqueduct

31A	Avenal Gap to Devil's Den Pumping Plant
33A	Devil 's Den Pumping Plant through Tank 1
33B	Tank 1 through Chorro Valley Turnout
34	Chorro Valley Turnout through Lopez Turnout
35	Lopez Turnout through Guadalupe Turnout
37	Guadalupe Turnout to SPRR crossing near Casmalia
38	SPRR crossing near Casmalia through terminous at Tank 5 (Outlet Vault)

Tehachapi Division

17E	Edmonston Pumping Plant to Porter Tunnel
17F	Porter Tunnel to Junction, West Branch

Mojave Division

18A	Junction, West Branch through Alamo Powerplant
19	Alamo Powerplant to Fairmont
19C	Buttes Junction through Buttes Reservoir
20A	Fairmont through 70th Street West
20B	70th Street West to Palmdale
21	Palmdale to Littlerock Creek
22A	Littlerock Creek to Pearblossom Pumping Plant
22B	Pearblossom Pumping Plant to West Fork Mojave River
23	West Fork Mojave River to Silverwood Lake (excluding Mojave Siphon Powerplant)
23C	Mojave Siphon Powerplant
24	Cedar Springs Dam and Silverwood Lake

Santa Ana Division

25	Silverwood Lake to South Portal, San Bernardino Tunnel
26A	South Portal, San Bernardino Tunnel through Devil Canyon Powerplant and Second Afterbay
28G	Devil Canyon Powerplant and Second Afterbay to Barton Road
28H	Barton Road to Lake Perris
28J	Perris Dam and Lake Perris

East Branch Extension

1	Devil Canyon Powerplant to Junction, Foothill Pipeline near Cone Camp Road
2A	Junction, Foothill Pipeline near Cone Camp Road to Greenspot Pump Station
2B	Greenspot Pump Station to Morton Canyon Valve Vault
2C	Morton Canyon Valve Vault to Crafton Hills Pump Station
3A	Crafton Hills Pump Station to Carter Street Valve Vault
3B	Carter Street Valve Vault to Garden Air Creek, South of San Bernardino/Riverside County Line
4A	Garden Air Creek to Cherry Valley Pump Station
4B	Cherry Valley Pump Station to Terminus at Noble Creek

West Branch, California Aqueduct

29A	Junction, California Aqueduct through Oso Pumping Plant
29F	Oso Pumping Plant through Quail Embankment
29G	Quail Embankment through Warne Powerplant
29H	Pyramid Dam and Lake
29J	Pyramid Lake through Castaic Powerplant
30	Castaic Dam and Lake

Variable OMP&R Costs

Article 26(a) includes provisions to ensure that the variable OMP&R component of the Transportation Charge will result in a return to the State of those costs that depend on and vary with the amount of SWP water deliveries. (The minimum OMP&R component results in a return of those operating costs that do not vary with deliveries.) Under Article 26(a) all such costs for a reach for a given year will be allocated among contractors in proportion to the actual annual use of that reach by the respective contractors.

Table B-3 summarizes the total power costs, credits, and transmission costs for each aqueduct pumping and power recovery plant. Variable costs are the following:

- Costs of capacity and energy used exclusive of associated power transmission and station service charges (transmission and station service costs that are independent and vary with power usage are classified as minimum OMP&R costs).
- Credits for capacity and energy produced at aqueduct power recovery plants (treated as negative costs).
- Payments for replacement of major plant machinery components having economic lives shorter than the project repayment period. (In 1997, DWR discontinued charging for a sinking fund for replacements. Replacement costs, for 1999 and thereafter, are to be paid on an annual basis as the costs are incurred.)
- Beginning in 2005, a portion of transmission expenditures that will depend on and vary with water and power usage. These costs will be included as part of the variable component.

Table B-3 excludes plant capacity and energy costs associated with surplus and unscheduled water service after May 1, 1973. Prior to that date, surplus water service was charged the same unit variable OMP&R component as allocated water service. An amendment to the water supply contracts in 1973 significantly changed the rate structure for surplus water service. Capacity and energy costs for pumping surplus and unscheduled water were allocated directly to those SWP contractors receiving surplus and unscheduled water service. A contract amendment in 1991 again revised the rate structure to provide for payment of costs through a melded power rate. These revisions to charges for surplus and unscheduled water are effective from the date of the amendments and are not applied to past charges.

An interruptible water program was established in 1994. This program, later renamed as the Article 21 program, is based on individual annual contracts; costs for Article 21 water actually delivered are included in Table B-3.

Water Conveyance

Tables B-4, B-5A, B-5A-Adj, B-5B, and B-6 present water conveyance quantities that form the basis for allocating costs.

Table B-4 presents the schedules of annual allocations as set forth in Table A and Article 6(a) of each water supply contract.

Table B-5A shows amounts of actual and projected allocated water quantities delivered from each aqueduct reach to each contractor. Projected deliveries for years 2016 through 2035 are based on contractors' requests for future water deliveries. The quantities included in Table B-5A also include nonproject water delivered to contractors, surplus water deliveries prior to May 1, 1973, and actual Article 21 water deliveries in 1994 and thereafter.

Table 1 Summary of Permanent Aqueduct Capacity Transfers

Contractor		Capacity Transfer		
Seller	Buyer	Amount (acre-feet)	Effective Year	Transfer Description
Transfers under Monterey Amendment				
Kern	Mojave	25,000	1998	Purchased capacity upstream of Reach 31A
Kern	Castaic Lake	41,000	2000	Purchased capacity upstream of Reach 16A
Kern	Palmdale	4,000	2000	Purchased capacity upstream of Reach 11B
Kern	Alameda-Zone 7	7,000	2000	Purchased capacity upstream of Reach 10A
Kern	Alameda-Zone 7	15,000	2000	Purchased capacity upstream of Reach 10A
Kern	Alameda-Zone 7	10,000	2001	Purchased capacity upstream of Reach 11B
Kern	Solano	5,756	2001	Purchased capacity upstream of Reach 11B and Reach 31A
Kern	Napa	4,025	2001	Purchased capacity upstream of Reach 11B and Reach 31A
Kern	Alameda-Zone 7	2,219	2004	Purchased capacity upstream of Reach 11B
Subtotal under Article 53		*114,000*		
Transfers outside of Monterey Amendment				
Tulare	Dudley Ridge	3,973	2002	Purchased capacity upstream of Reach 8D
Tulare	AVEK	3,000	2002	Purchased capacity upstream of Reach 8D
Tulare	Alameda-Zone 7	400	2003	Purchased capacity upstream of Reach 8D
Tulare	Kings	5,000	2004	Purchased capacity upstream of Reach 8D
Tulare	Coachella	9,900	2004	Purchased capacity upstream of Reach 8D
Metropolitan	Coachella	88,100	2005	Purchased capacity upstream of Reach 28J
Metropolitan	Desert	11,900	2005	Purchased capacity upstream of Reach 28J
Tulare	Kings	305	2006	Purchased capacity upstream of Reach 31A
Tulare	Desert	1,750	2010	Purchased capacity upstream of Reach 17F
Tulare	Coachella	5,250	2010	Purchased capacity upstream of Reach 17F
Kern	Desert	4,000	2010	Purchased capacity upstream of Reach 17F and Reach 31A
Kern	Coachella	12,000	2010	Purchased capacity upstream of Reach 17F and Reach 31A
Dudley Ridge	Mojave	7,000	2010	Purchased capacity upstream of Reach 8D
Dudley Ridge	AVEK	1,993	2014	Purchased capacity upstream of Reach 8D
Tulare	AVEK	1,451	2014	Purchased capacity upstream of Reach 8D
Dudley Ridge	Mojave	3,000	2015	Purchased capacity upstream of Reach 8D
Subtotal outside of Article 53		*159,022*		

Table B-5A-Adj presents a summary of accounting adjustments that result from water deliveries not originating from the Sacramento-San Joaquin Delta. The methodologies used to calculate various components are based on cumulative charges from the Delta through facilities conveying water to a specific repayment reach. When water is introduced to the SWP downstream of the Delta, contractors require an adjustment, or credit, for those facilities not used to convey the water.

Table B-5B presents a summary of actual and projected annual allocated water quantities for each contractor. The quantities also include amounts of nonproject water and surplus water delivered prior to May 1, 1973, and actual deliveries of Article 21 water in 1994 and thereafter.

Table B-6 summarizes the annual allocated water quantities conveyed or to be conveyed through each aqueduct pumping plant or power plant for each of the following functions:

- *Deliveries–Water Supply.* Water made available to contractors at down-aqueduct delivery structures, including certain hypothetical quantities to facilitate cost allocations, for those years when deliveries are made from net annual storage withdrawals. The net annual amounts of storage withdrawals are hypothetically added to the actual amounts conveyed from the Delta to the reservoirs, since deliveries made from storage withdrawals bear the same variable OMP&R costs per acre-foot as they would if the deliveries were actually conveyed from the Delta in that year. The hypothetical increases in the deliveries made from reservoir storage withdrawals are offset by equal credits to the minimum OMP&R costs of the respective reservoirs. Thus, the variable OMP&R components per acre-foot (Table B-17) may be applied to the total annual quantities delivered either from aqueduct reservoir storage or from the Delta.
- *Initial Fill Water.* Water required for initial filling of down-aqueduct reaches and reservoirs or for repayment of pre-consolidation water used during construction.
- *Deliveries–Recreation.* Water delivered to down-aqueduct recreation developments or used for fish and wildlife enhancement.
- *Operational Losses.* Water lost through evaporation and seepage from all down-aqueduct reaches.
- *Reservoir Storage Changes.* Water placed in down-aqueduct reservoir storage after initial filling of the reservoirs, including projected net annual storage accretions (positive values) and withdrawals (negative values) for all down-aqueduct reservoirs of the Project Transportation Facilities.

Variable OMP&R costs (Table B-12) that are allocable to storage accretions are assigned to the minimum OMP&R costs of the respective reservoirs. With the exception of Banks Pumping Plant, "Reservoir Storage Changes" also includes SWP water placed into Southern California groundwater storage from 1978 through 1982 (as positive amounts); and water withdrawn from storage and delivered to contractors in 1979, 1982, 1987, 1988, and 1989 (as negative amounts). At Banks Pumping Plant, groundwater additions and withdrawals are included in "Conservation Water."

Table B-6 also summarizes the following two amounts under the heading *Conservation Water* (Column 25):

(1) Net annual water amounts stored and projected to be stored in San Luis Reservoir.
(2) Water lost and projected to be lost through evaporation and seepage from San Luis Reservoir and from the water conservation portion of the California Aqueduct.

"Conservation Water" includes initial fill water, operational losses, and net annual storage changes associated with San Luis Reservoir and the portion of the California Aqueduct that is allocated to conservation. The same allocation procedure outlined previously for Transportation Facilities also applies to water delivered from storage in Conservation Facilities, except that the hypothetical cost increases are added to the variable OMP&R cost to be reimbursed through the Transportation Charge and deducted from the minimum OMP&R costs to be reimbursed through the Delta Water Charge.

San Luis Reservoir is operated to conserve water for future delivery to downstream

contractors. To account for costs associated with reservoir storage, the power and replacement costs of Banks Pumping Plant (a joint Transportation-Conservation Facility) that are allocated to the conveyance of annual conservation water quantities are transferred to the capital costs of San Luis Reservoir (during initial fill) or to the minimum OMP&R costs of San Luis Reservoir (following initial fill).

In years of net storage withdrawal from San Luis Reservoir, a portion of the minimum OMP&R cost of the reservoir is transferred to the variable OMP&R cost of Banks Pumping Plant. That transfer is equal to the variable OMP&R cost per acre-foot of delivery through Banks Pumping Plant for that year, multiplied by the acre-feet of deliveries derived from San Luis Reservoir storage for that year. Table B-6 also includes amounts of nonproject water and surplus water delivered prior to May 1, 1973, and actual deliveries of Article 21 water in 1994 and thereafter.

Bases for Reimbursable Costs

This section describes the methods used to derive the costs allocated by the procedures outlined in the preceding section. A diagram of the cost derivation process is shown in the upper-left quadrant of Figure B-1.

First, the capital and minimum OMP&R costs of all SWP facilities are allocated among the various project purposes in accordance with the allocation percentages in *Table 2*. Those percentages may be subject to revision in the future.

The redeterminations in this appendix involve only the SWP costs that are allocated to water supply and power generation.

Capital Costs

Capital costs used in the redeterminations in this appendix reflect prices prevailing on December 31, 2015; future cost escalation will be reflected in subsequent bulletins.

Table B-7 presents a reconciliation of estimated total capital costs of each Project Conservation Facility and each Project Transportation Facility. This table shows the relationship of Project Conservation and Transportation costs allocated to contractors (Tables B-8, B-9, B-10, and B-13) to the total SWP capital costs projected by DWR.

Table B-8 shows costs incurred and projected to be incurred by the State in connection with each contractor's turnouts. Costs incurred by the State for both State-constructed and contractor-constructed delivery structures are paid directly by the contractors for which the structures are built. The State incurs design review and construction inspection costs in connection with contractor-constructed turnouts.

Table B-9 lists costs and payments for excess capacity built into SWP Transportation Facilities in accordance with amendments to contracts with The Metropolitan Water District of Southern California (Metropolitan), San Gabriel Valley Municipal Water District, and Antelope Valley-East Kern Water Agency, including the following:

- additional costs incurred by the State for requested excess capacity;
- advances by SWP contractors of funds for such costs; and
- credits for advances in excess of costs which were applied to respective contractors' installments of the capital cost component of the Transportation Charge in 1981.

Under Amendment 2 of Metropolitan's contract, 809 cubic feet per second of excess capacity was originally constructed in reaches of the West Branch at Metropolitan's request. That capacity was reclassified as basic capacity of SWP Transportation

Table 2 Project Purpose Cost Allocation Factors (percentages)[a]

PROJECT FACILITIES	Water Supply and Power Generation		All Other Purposes (Nonreimbursable)	
	Capital Costs	Minimum OMP&R Costs	Capital Costs	Minimum OMP&R Costs
Project Conservation Facilities				
Frenchman Dam and Lake	21.5	0.0	78.5	100.0
Antelope Dam and Lake	0.0	0.0	100.0	100.0
Grizzly Valley Dam and Lake Davis	1.0	1.8	99.0	98.2
Oroville Division[b]	97.1	99.5	2.9	0.5
California Aqueduct, Delta to Dos Amigos Pumping Plant	96.6	96.7	3.4	3.3
Delta Facilities				
Peripheral Canal Related	86.0	86.0	14.0	14.0
Remaining of Delta Facilities	96.6	96.7	3.4	3.3
Transportation Facilities				
Grizzly Valley Pipeline	100.0	100.0	0.0	0.0
North Bay Aqueduct	100.0	100.0	0.0	0.0
South Bay Aqueduct				
Del Valle Dam and Lake del Valle	25.2	22.0	74.8[c]	78.0[d]
Remainder of South Bay Aqueduct	100.0	100.0	0.0	0.0
California Aqueduct				
Delta to Dos Amigos Pumping Plant	96.6	96.6	3.4	3.4
Dos Amigos Pumping Plant to termini (excluding Coastal Branch)[e,f]	94.3 / 99.6	96.9 / 99.6	5.7 / 0.4	3.1 / 0.4
Aqueduct and Plants[e,f]	94.3 / 99.6	96.9 / 99.6	5.7 / 0.4	3.1 / 0.4
Pyramid Dam and Lake[e,f]	94.3 / 96.1	96.9 / 96.1	5.7 / 3.9	3.1 / 3.9
Castaic Dam and Lake[e,f]	94.3 / 91.1	96.9 / 91.1	5.7 / 8.9	3.1 / 8.9
Silverwood Dam and Lake[e,f]	94.3 / 85.3	96.9 / 85.3	5.7 / 14.7	3.1 / 14.7
Perris Dam and Lake[e,f]	94.3 / 67.7	96.9 / 67.7	5.7 / 32.3	3.1 / 32.3
Coastal Branch	100.0	100.0	0.0	0.0

[a] Percentages indicated apply to the majority of the facilities with minor exceptions.
[b] Percentages indicated are applicable to the remaining costs of division after excluding costs allocated to flood control that are reimbursed by the federal government (22 percent of capital costs) and excluding specific power costs of Hyatt and Thermalito powerplants and switchyards.
[c] Percentage indicated consists of 48.0 percent of costs allocated to recreation and 26.8 percent to flood control.
[d] Percentage indicated consists of 44.9 percent of costs allocated to recreation and 33.1 percent to flood control.
[e] Percentage indicated is used for 2012 and previous years.
[f] Percentage indicated is used for 2013 and forward.

Facilities under Amendment 7. Metropolitan paid $16.3 million as a prepayment of the capital cost component of the Transportation Charge in lieu of advancing funds for the original requested capacity.

Amendment 5 to Metropolitan's contract requires that additional costs for modifications to the Santa Ana Pipeline (required for enlargement of Lake Perris) will be allocated to Metropolitan and returned to the State through payments of the Transportation Charge. The additional costs to be repaid through Metropolitan's capital cost component for the aqueduct reach from Devil Canyon Powerplant to Barton Road total about $6.7 million (see Bulletin 132-72, page 98).

Table B-10 presents the actual and projected annual capital costs of each aqueduct reach that will eventually be returned to the

State, with interest, through contractors' payments of the capital cost component of the Transportation Charge and payment of debt service under the Devil Canyon-Castaic contracts.

Annual Operating Costs

Annual operating costs allocable to water supply and power generation are returned to the State through the minimum OMP&R components of the Delta Water Charge and the Transportation Charge and through a portion of the revenues from energy sales. All reimbursable operating costs of Conservation Facilities are included in the minimum OMP&R component of the Delta Water Charge.

Transportation and Devil Canyon-Castaic Contract Costs

Table B-11 shows the amounts of the actual and projected costs to be reimbursed through payments of the minimum OMP&R component of the Transportation Charge and allocated operating costs under the Devil Canyon-Castaic contract. The table includes the following seven types of operating costs incurred annually that do not vary with water quantities delivered to the contractors:

(1) all direct labor charges for field operation and maintenance personnel, including associated indirect costs;
(2) a distributed share of general operating costs that cannot be identified solely with one facility or aqueduct reach;
(3) all of electric power transmission and station service costs up to 2004, and electric power transmission and station service costs for 2005 and after that do not vary with power usage allocable to aqueduct pumping and recovery plants;
(4) all costs for equipment, materials, and supplies;
(5) portions of the power and replacement costs of all pumping plants and power plants that are up-aqueduct from Devil Canyon Powerplant and Castaic Powerplant and that are allocable to the annual conveyance of water lost to evaporation and seepage from respective aqueduct reaches or placed into storage in respective reservoirs of the project transportation facilities (after initial fill);
(6) credits, which offset those costs in (5) above, for deliveries drawn from reservoir storage; and
(7) escalation of certain projected operating costs at 1 percent per year for 2019–2035.

Table B-12 shows the portions of variable OMP&R costs in Table B-3 that are allocable to the water supply delivery quantities included in Table B-6 and reimbursed through payments of the variable OMP&R component of the Transportation Charge.

To derive Table B-12 costs, the following adjustments are made to Table B-3 costs.

(1) Part of the variable OMP&R costs of each plant is allocated to recreation. The allocation to recreation is in proportion to the quantity of water conveyed through each plant each year for delivery to on-shore recreational developments. That portion of variable plant costs attributable to the initial fill of aqueduct reaches is allocated to the joint capital costs of respective down-aqueduct reaches and reservoirs.
(2) That portion of costs attributable to evaporation and seepage is allocated to the joint minimum OMP&R costs of respective down-aqueduct reaches and reservoirs.
(3) Adjustments are made for additions or withdrawals from storage in aqueduct reservoirs. In years when water is added to storage in aqueduct reservoirs, the cost of conveying this water into storage is charged to the minimum OMP&R costs of the corresponding reservoir. In years when storage in aqueduct reservoirs is decreased for the purpose of making deliveries, a credit

is applied to the minimum OMP&R costs of the reservoir from which the storage is released. This credit is equal to the number of acre-feet of storage reduction times the variable OMP&R unit rate for the year the storage is released. The unit rate is equal to the variable OMP&R unit rate for the year the water is taken from storage.

(4) That portion of costs attributable to pumping water to replace evaporation and seepage losses and for additions or withdrawals from storage in San Luis Reservoir is charged to the minimum OMP&R component of the Delta Water Rate.

The remaining costs are allocated to transportation water supply and repaid by the contractors.

Conservation Capital and Operating Costs

Table B-13 is a summary of actual and projected capital and operating costs of the initial Project Conservation Facilities. These costs are reimbursed through payments by contractors under the Delta Water Charge, Oroville power sales, and Gianelli Pumping-Generating Plant credits. Table B-13 also shows credits applied to the reimbursable capital costs of the initial Project Conservation Facilities in accordance with negotiated settlements concerning incurred planning costs for the period from 1952 through 1978.

Project Water Charges

This section describes the redetermination of past and projected components of the Transportation Charge for annual revision of Tables C through G of each water supply contract. This section also describes the derivation of the unit Delta Water Rates and the Water System Revenue Bond Surcharge.

A summary of equivalent unit charges for each acre-foot of allocated water service is also included for each contractor and each aqueduct reach. A diagram of all calculations may be found on the lower half of Figure B-1.

Transportation Charges

The accumulation of allocated costs of each aqueduct reach to each contractor is the basis for the Transportation Charge components.

Table B-14 summarizes each contractor's share of the capital costs of the aqueduct reaches presented in Table B-10. Those amounts are determined by applying proportionate-use ratios set forth in Table B-1 to the costs in Table B-10. The resulting allocated costs are set forth in Table C of the respective water supply contracts.

Prepayments of the capital cost component, required under Metropolitan's Amendment 7, are included as negative capital costs in Table B-14 and Table C of Metropolitan's Statement of Charges. Solano County Water Agency, Empire West Side Irrigation District, and Castaic Lake Water Agency also prepaid capital costs (see Table B-14 footnotes). Table B-14 includes costs of the East Branch Extension to provide water service to San Bernardino Valley Municipal Water District (San Bernardino) and San Gorgonio Pass Water Agency (San Gorgonio).

Both Table B-14 and Table C of the six contractors for project water service below Devil Canyon Powerplant and Castaic Powerplant include the capital costs reimbursable under the Devil Canyon-Castaic contract.

Table B-15 summarizes capital cost components of the Transportation Charge for each contractor for each year of the project repayment period. By the year 2035, the capital cost components shown in

Table B-15 will recover the costs shown in Table B-14, with interest at the Project Interest Rate of 4.610 percent per annum and based on the amortization schedules included in *Table 3*.

Those estimated components, subsequently adjusted for prior overpayments or underpayments, are included in Table D of the water supply contracts. Costs of excess capacity are billed separately and are not included in Table B-15.

Table B-15 includes the debt service payments due from the six contractors down-aqueduct from Devil Canyon Powerplant and Castaic Powerplant, in accordance with terms of the Devil Canyon-Castaic contract.

Table B-16A summarizes the minimum OMP&R components of the Transportation Charge for each year of the project repayment period. Those estimated components, subsequently adjusted for prior overpayments or underpayments, are included in Table E of the respective water supply contracts.

The total amounts included in Table B-16A are determined by applying the proportionate-use ratios in Table B-2 to the reach costs in Table B-11.

Table B-16A excludes Off-Aqueduct Power Facility charges, which are included separately in Table B-16B. Both Table B-16A and Table E include the operating costs payable under the Devil Canyon-Castaic contract for the six contractors down-aqueduct from Devil Canyon Powerplant and Castaic Powerplant.

As part of operating agreements with DWR, Kern County Water Agency was billed from 1963 through 1987 for any additional operating costs caused by early installation of units in Las Perillas and Badger Hill pumping plants by Berrenda Mesa Water

Table 3 Criteria for Amortizing Capital Costs of Transportation Facilities

Contractor	Year of Initial Payment[a]
Alameda County Flood Control and Water Conservation District, Zone 7	1963[b]
Alameda County Water District	1963
Antelope Valley-East Kern Water Agency	1963
Castaic Lake Water Agency	1964
City of Yuba City	[c]
Coachella Valley Water District	1964
County of Butte	[c]
County of Kings	1968
Crestline-Lake Arrowhead Water Agency	1964
Desert Water Agency	1963[d]
Dudley Ridge Water District	1968[e]
Empire West Side Irrigation District	1968[e]
Kern County Water Agency	
Agricultural Use	1968[e]
Municipal and Industrial Use	1968[e]
Littlerock Creek Irrigation District	1964
The Metropolitan Water District of Southern California	1963
Mojave Water Agency	1964
Napa County Flood Control and Water Conservation District	1966
Oak Flat Water District	1968
Palmdale Water District	1964
Plumas County Flood Control and Water Conservation District	1970
San Bernadino Valley Municipal Water District	1963
San Gabriel Valley Municipal Water District	1963[d]
San Gorgonio Pass Water Agency	1963[d]
San Luis Obispo County Flood Control and Water Conservation District	1964[f]
Santa Barbara County Flood Control and Water Conservation District	1964
Santa Clara Valley Water District	1963
Solano County Water Agency	1973
Tulare Lake Basin Water Storage District	1968[e]
Ventura County Watershed Protection District	1964

[a] Allocated capital costs of transportation facilities amortized in equal annual installments unless otherwise noted.
[b] Principal payments on each annual capital cost prior to 1971 delayed until calendar year 1972, except payments for 1963.
[c] For City of Yuba City and County of Butte, payments for Delta Water Charge only.
[d] Payment deferred for 1963 and added to 1964 payment with accrued interest.
[e] For Dudley Ridge Water District, Empire West Side Irrigation District, Kern County Water Agency (agricultural use), Oak Flat Water District, and Tulare Lake Basin Water Storage District, according to Article 45 of the contracts for supply of agricultural water, capital costs of transportation facilities allocated to agricultural water supply are amortized by using an equivalent unit rate per acre-foot applied to the annual allocations (Table B-4) through the project repayment period.
[f] For San Luis Obispo and Santa Barbara, all principal and interest payments for costs of the Coastal Stub were deferred until 1976.

Storage District (see Bulletin 132-71, page 7). Under those agreements, a portion of minimum OMP&R costs of Reach 31A were assigned directly to Kern, as shown in *Table 4*, with the remaining reach costs allocated by application of the proportionate-use ratios. DWR purchased the last unit, Unit No. 6, at Las Perillas and Badger Hill pumping plants in early 1997 to provide pumping capacity for deliveries to Coastal Area contractors, which began in 1997.

Table 4 Minimum OMP&R Costs of Reach 31A Assigned Directly to Kern County Water Agency (in dollars)

Year	Direct Charges
1969	46,511
1970	46,302
1971	140,074
1972	95,017
1973	72,454
1974	100,692
1975	127,456
1976	138,504
1977	120,753
1978	157,652
1979	121,231
1980	150,728
1981	75,866
1982	82,805
1983	90,007
1984	107,468
1985	159,406
1986	137,241
1987	127,073
1988	130,924
1989	128,468
1990	138,234
1991	139,527
1992	185,370
1993	219,334
1994	364,196
1995	272,341
1996	322,123
Total	**3,997,767**

As a result of the Monterey Amendment, the costs related to this settlement are to be allocated among all SWP contractors in proportion to their maximum Table A amounts. As costs are incurred, related charges will be included in the contractors' annual Statements of Charges as part of the minimum. Between 2002 and 2010, the Monterey Amendment litigation costs recovered from SWP contractors were $15.8 million.

Table B-16B summarizes annual Off-Aqueduct Power Facility charges allocated to each water contractor, adjusted for prior overpayments or underpayments. Those charges are to repay all Off-Aqueduct Power costs, including bond service, deposits for reserves, operation and maintenance costs, fuel costs, taxes, and insurance.

Adopted October 1, 1979, the General Bond Resolution requires that sufficient revenues be collected each year to repay all of those costs. In addition, an amount totaling 25 percent of the annual bond service is collected each year to ensure that sufficient funds are available to cover all annual costs. Any revenues collected and not needed during the year are refunded to the contractors in the next year.

Table 5 summarizes Off-Aqueduct Power Facility charges and credits related to deliveries for 2015. The ongoing Reid Gardner Powerplant closure costs related to the Reid Gardner Powerplant contract expiration in 2013 are tracked independently from annual Reid Gardner operating costs.

Table 6 shows projected Off-Aqueduct Power Facility charges and an amount equal to 25 percent of annual bond service for 2016 through 2035. Defeasance of Off-Aqueduct Power facilities bonds occurred in June 2016, so no debt service charges are included in

Table 5 Summary of 2015 Off-Aqueduct Power Facility Charges and Credits (in dollars)

Charges by Item	
Reid Gardner Powerplant	1,630,586
Reid Gardner Closure Costs	11,957,444
Bottle Rock Powerplant	4,546,719
South Geysers Powerplant	5,447,854
Subtotal	*23,582,603*
Credits by Item	
Transmission Services	(72,647)
Net Total Charge	**23,509,956**

Table 6 Projected Charges for Off-Aqueduct Power Facilities (in dollars)

Year	Total Annual Cost	25 Percent Bond Cover
2016	4,648,897	206,321
2017	**4,300,000**	**-**
2018	3,300,000	-
2019	200,000	-
2020	200,000	-
2021	200,000	-
2022	200,000	-
2023	200,000	-
2024	200,000	-
2025	200,000	-
2026	200,000	-
2027	200,000	-
2028	200,000	-
2029	200,000	-
2030	200,000	-
2031	200,000	-
2032	200,000	-
2033	200,000	-
2034	200,000	-
2035	200,000	-

future years. Additionally, Reid Gardner, Unit 4 Powerplant remediation costs are projected for 2016, 2017, and 2018 and then only minor operating costs are projected post-2018.

Annual Off-Aqueduct Power Facility charges are allocated among contractors in proportion to the electrical energy required to pump allocated water for the year. The initial allocation for the Statements of Charges is based on estimates of energy to pump requested allocated water deliveries, based on a 60-percent allocation.

An interim adjustment in the allocation of Off-Aqueduct Power costs may be made in May of each year, based on updated cost estimates and April revisions in water delivery schedules. An additional adjustment is made the following year based on actual water deliveries and actual costs for the year.

The energy required to pump each contractor's water is calculated using the kilowatt-hour per acre-foot factors shown in *Table 7* for the pumping plants upstream from the delivery turnouts. The amounts shown include transmission losses.

Table B-17 presents a summary of actual and projected total variable OMP&R costs for each acre-foot conveyed through each aqueduct pumping plant and power plant for each year of the project. Following are provisions for calculating the variable OMP&R component of the Transportation Charge:

- An annual charge per acre-foot of projected water deliveries to all contractors served from or through each reach is determined so the projected variable OMP&R costs to be incurred for each reach will be returned to the State.

Table 7 Kilowatt-Hour per Acre-Foot Factors for Allocating Off-Aqueduct Power Facility Costs

	kWh per acre-foot[a]	
Pumping Plant	At Plant	Cumulative from Delta
Barker Slough	223	223
Cordelia-Benicia	434	657
Cordelia-Vallejo	178	401
Cordelia-Napa	563	786
Banks (Delta)	296	296
South Bay (including Del Valle)	869	1,165
Dos Amigos	138	434
Buena Vista	242	676
Teerink	295	971
Chrisman	639	1,610
Edmonston	2,236	3,846
Pearblossom	703	4,549
Greenspot	871	5,420
Crafton Hills	1,087	6,507
Cherry Valley	224	6,731
Oso	280	4,126
Las Perillas	77	511
Badger Hill	200	711
Devil's Den	705	1,416
Bluestone	705	2,121
Polonio Pass	705	2,826

[a] Includes transmission losses.

- The total annual variable OMP&R component for any contractor for a given reach is obtained by multiplying the unit charge associated with that reach by the quantity of water actually delivered from or through the reach to the contractor.

The data summarized in Table B-17 are derived by dividing the costs shown in Table B-3 by the water quantities shown in Table B-6. However, certain costs included in Table B-3 for extra peaking service, which would otherwise constitute variable OMP&R costs, are assigned directly to contractors requesting this type of service (see Bulletin 132-71, page 21, and Water Service Contractors Council Memo No. 593, July 10, 1970). Those costs are excluded from the unit charges shown in Table B-17. Peaking charges based on additional capacity ceased in 1983. Since 1984, costs are based on power market energy rates. The amounts of extra peaking charges for additional power costs are shown in *Tables 8 and 9*.

Unit rates shown in Table B-17 constitute the rates for the pumping plants and power plants listed. The cumulative rates constitute the total rates, cumulative from the Sacramento-San Joaquin Delta, and are applicable to deliveries from or downstream of the pumping plants and power plants. Extra peaking service costs are excluded.

Table B-18 shows the variable OMP&R components of the Transportation Charge for each contractor for each year of the project repayment period. Table B-18 is developed from the costs per acre-foot included in Table B-17 and the delivery quantities for each contractor from each reach as indicated in Table B-5A and Table B-5A-Adj, plus any costs for extra peaking service. Those estimated components, subsequently adjusted for prior overpayments or underpayments, are included in Table F of the respective water supply contracts.

Table B-19 summarizes the annual Transportation Charges for each contractor (the sum of the corresponding amounts included in Tables B-15, B-16A, B-16B, and B-18). Those estimated payments, subsequently adjusted for prior overpayments or underpayments, are set forth in Table G of the respective water supply contracts.

In accordance with provisions of the Devil Canyon-Castaic contract, Table B-19 and Table G include amounts of debt service and operating cost payments due from the six contractors located down-aqueduct from Devil Canyon and Castaic powerplants.

Delta Water Charges

Table B-20A presents the calculation of the Delta Water Rate for the initial Conservation Facilities applicable in 2017 in accordance with the amended Article 22(e) and 22(g) of all 29 water supply contracts. The Delta Water Rate was calculated at a Project Interest Rate of 4.610 percent, based on Conservation Facility costs shown in Table B-13. That Delta Water Rate is used to compute projected Delta Water Charges under Article 53(i) for the contractors who have executed the Monterey Amendment. Included in Table B-20A is the Delta Water Rate for the two contractors who have not executed the Monterey Amendment: Plumas County Flood Control and Water Conservation District and Empire West Side Irrigation District.

Table B-20B shows each component of the 2017 Delta Water Rate from Table B-20A.

Table B-21 summarizes the annual Delta Water Charge for each contractor. The projected charges in Table B-21 are developed by multiplying the total rate per acre-foot, as shown in Table B-20A, by the amount of allocated water for each contractor, as shown in Table B-4.

The projected Delta Water Charges from 2016–2035 include the assumption of escalation of projected operating costs at 1.0 percent per year for 2019–2035.

Water System Revenue Bond Surcharge

Table B-22 summarizes the Water System Revenue Bond (WSRB) Surcharge to the Delta Water Charge and the transportation capital cost component for each contractor. The surcharge shown in Table B-22 includes the financing costs of the WSRB Surcharge, Series B through Series AT. This surcharge is levied according to an amendment to the water supply contracts, which was signed by all of the water supply contractors.

Total Water Charges

Table B-23 summarizes the total annual charges to each contractor (the sum of the Transportation Charge in Table B-19, the Delta Water Charge in Table B-21, and the WSRB Surcharge in Table B-22). The charges do not reflect past payments by contractors and are unadjusted for prior overpayments or underpayments.

Equivalent Total Water Charges

Table B-24 presents the Transportation Charge and Delta Water Charge in terms of the equivalent unit charge for each acre-foot of allocated water now projected for delivery to the respective contractors.

These equivalent charges would provide the same principal sum at the end of the project repayment period as annual payments to be made as part of the Delta Water Charge and Transportation Charge, plus interest at the Project Interest Rate, if applied to each acre-foot of allocated water delivered to date; all surplus water delivered prior to May 1, 1973; all Article 21 water deliveries in 1994 and thereafter; and all allocated water now projected to be delivered during the remainder of the project repayment period (Table B-5B).

The equivalent unit Delta Water Charges included in Table B-24 are greater than those presented in Table B-20A because current projections of allocated water service are less for most contractors than the amounts shown in Table A.

Equivalent Water Costs by Reach

Table B-25 presents a summary of the equivalent unit transportation cost of conveying allocated water through respective aqueduct reaches of the Project Transportation Facilities.

Those unit costs provide the basis of charges assessed for extra service (such

Table 8 Extra Peaking Charges for Additional Power, by Pumping Plant (in dollars)

Year	Cordelia Napa	Cordelia Solano	Barker Slough	South Bay	Banks	Dos Amigos	Las Perillas and Badger Hill	Buena Vista	Teerink	Chrisman	Edmonston	Pearblossom	Oso	Total
1972	0	0	0	0	0	10,579	24,700	0	0	0	0	0	0	35,279
1973	0	0	0	0	0	0	6,016	0	0	0	0	0	0	6,016
1974	0	0	0	0	0	0	7,140	0	0	0	0	0	0	7,140
1975	0	0	0	0	0	494	6,397	0	0	0	0	0	0	6,891
1976	0	0	0	0	0	0	1,981	0	0	0	0	0	0	1,981
1977	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	45,145	3,680	0	0	0	0	0	0	48,825
1979	0	0	0	0	0	0	3,306	0	0	0	0	0	0	3,306
1980	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	12,126	0	0	0	0	0	0	0	12,126
1982	0	0	0	0	0	89,339	0	0	0	0	0	0	0	89,339
1983	0	0	0	35	7,594	3,534	152	0	0	0	0	0	0	11,315
1984	0	0	0	2,096	84,396	38,607	7,203	11,173	3,823	3,593	0	0	0	150,891
1985	0	0	0	1,480	19,612	8,841	763	4,488	4,412	8,929	28,353	0	0	76,878
1986	0	0	0	0	1,864	863	0	291	354	766	2,683	0	0	6,821
1987	0	0	0	604	17,129	7,838	835	2,295	1,806	3,460	11,058	0	0	45,025
1988	639	39	287	894	43,475	20,082	2,213	5,792	4,367	8,272	25,886	0	0	111,946
1989	2,491	566	1,483	70	40,251	18,642	1,935	3,401	1,531	2,058	3,793	0	0	76,221
1990	45	0	18	343	19,524	9,044	0	150	145	314	643	0	0	30,226
1991	903	0	281	0	21	8	0	15	17	39	139	41	0	1,464
1992	208	117	203	0	7,070	2,502	0	182	190	435	0	0	0	10,907
1993	0	681	889	4,483	123,080	54,741	0	8,898	5,458	10,900	35,068	11,139	0	255,337
1994	0	366	393	679	6,566	2,795	454	1,083	155	357	1,121	0	132	14,101
1995	0	0	0	1,717	24,464	9,422	27	1,865	3,475	782	1,104	400	0	43,256
1996	4	0	1	1,983	10,031	4,976	0	391	432	1,015	3,404	1,160	0	23,397
1997	0	1,780	2,152	3,107	337,357	165,774	1,753	34,604	12,296	15,910	21,028	0	0	595,761
1998	0	0	0	20,966	235,693	106,251	2,354	697	848	1,836	6,426	0	0	375,071
1999	0	0	0	0	63,196	26,235	0	3,394	4,136	8,959	31,350	7,740	0	145,010
2000–2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**4,290**	**3,549**	**5,707**	**38,457**	**1,041,323**	**637,838**	**70,909**	**78,719**	**43,445**	**67,625**	**172,056**	**20,480**	**132**	**2,184,530**

Table 9 Extra Peaking Charges for Additional Power, by Contractor (in dollars)

Year	Napa	Solano	Alameda-Zone 7	Alameda County	Santa Clara	Dudley Ridge	Empire	Kern	Kings	Oak Flat	Tulare	AVEK	Castaic Lake	Coachella	Desert	Littlerock	Palmdale	San Gabriel	Total
1972	0	0	0	0	0	0	0	35,269	0	0	10	0	0	0	0	0	0	0	35,279
1973	0	0	0	0	0	0	0	6,016	0	0	0	0	0	0	0	0	0	0	6,016
1974	0	0	0	0	0	0	0	7,140	0	0	0	0	0	0	0	0	0	0	7,140
1975	0	0	0	0	0	0	0	6,891	0	0	0	0	0	0	0	0	0	0	6,891
1976	0	0	0	0	0	0	0	1,981	0	0	0	0	0	0	0	0	0	0	1,981
1977	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	2,035	0	44,484	42	0	0	2,264	0	0	0	0	0	0	48,825
1979	0	0	0	0	0	0	0	2,821	0	0	0	0	485	0	0	0	0	0	3,306
1980	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	11,951	0	0	0	0	0	0	0	175	0	0	12,126
1982	0	0	0	0	0	2,173	0	80,945	0	0	0	4,671	1,128	0	0	0	0	422	89,339
1983	0	0	0	0	48	9,511	0	0	1,365	0	0	0	391	0	0	0	0	0	11,315
1984	0	0	0	0	2,874	0	0	144,021	281	809	0	0	2,906	0	0	0	0	0	150,891
1985	0	0	0	2,029	0	0	64	25,664	0	98	0	48,767	256	0	0	0	0	0	76,878
1986	0	0	0	0	0	0	0	0	0	13	2,194	4,614	0	0	0	0	0	0	6,821
1987	0	0	229	0	599	313	84	24,141	0	95	0	18,207	545	0	0	812	0	0	45,025
1988	892	73	665	561	0	1,853	1,404	58,905	0	72	2,368	44,526	627	0	0	0	0	0	111,946
1989	3,478	1,062	96	0	0	13	403	55,085	0	239	8,278	0	1,043	0	0	1,035	5,489	0	76,221
1990	63	0	470	0	0	0	0	28,587	0	0	0	0	0	0	0	81	1,025	0	30,226
1991	1,184	0	0	0	0	0	0	0	0	0	0	0	0	0	0	280	0	0	1,464
1992	271	257	0	0	0	0	49	10,109	221	0	0	0	0	0	0	0	0	0	10,907
1993	0	1,570	6,122	0	0	0	3,757	97,812	504	0	74,577	0	0	24,983	41,156	0	4,856	0	255,337
1994	0	759	896	0	0	0	7	9,933	0	0	0	0	2,450	0	0	56	0	0	14,101
1995	0	0	2,353	0	0	10,197	0	28,085	310	0	0	0	27	0	0	0	2,284	0	43,256
1996	5	0	81	2,612	0	334	205	4,552	969	0	7,809	0	0	0	0	0	3,598	3,232	23,397
1997	0	3,932	3,999	0	0	6,190	0	546,733	0	40	0	0	0	0	0	0	34,867	0	595,761
1998	0	0	19,666	8,442	0	22,631	1	312,626	0	651	0	0	0	0	0	0	11,054	0	375,071
1999	0	0	0	0	0	0	0	76,425	0	0	6,922	0	0	0	0	0	11,576	50,087	145,010
2000–2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**5,893**	**7,653**	**34,577**	**13,644**	**3,521**	**55,250**	**5,974**	**1,620,176**	**3,692**	**2,017**	**102,158**	**123,049**	**9,858**	**24,983**	**41,156**	**2,439**	**74,749**	**53,741**	**2,184,530**

as delivery of allocations down-aqueduct from a contractor's turnout) and for wheeling service to entities other than the SWP contractors.

The cumulative unit conveyance costs indicated for reaches in Table B-25 do not necessarily equal the equivalent unit Transportation Charges to contractors served from such reaches. The unit charges in Table B-24 account for the rate of water demand buildup and cost allocation factors of the individual contractors; however, the unit costs included in Table B-25 reflect the effect of melding the respective buildups and allocation criteria of all contractors whose allocations are conveyed through a given reach. Table B-25 also includes surplus water delivered prior to May 1, 1973, and Article 21 water deliveries in 1994 and thereafter.

East Branch Enlargement Charges

Table B-26 reflects DWR's projection of annual capital costs of the East Branch Enlargement for each aqueduct reach. These projections will be redetermined in future bulletins to include the following:

- a reallocation of costs of constructing the present East Branch facilities between Alamo Powerplant and Silverwood Lake;
- a reallocation of costs of Silverwood Lake to reflect additional use as a result of East Branch Enlargement operation;
- a reallocation of costs of San Bernardino Tunnel to reflect redistribution of flow capacities necessary for the East Branch Enlargement facilities; and
- actual enlargement construction costs.

These costs will be recovered with interest from the seven Southern California SWP contractors participating in the enlargement, in accordance with their amended water supply contracts (see *Table 10*).

Table B-27 lists the projected minimum OMP&R costs for each reach of the enlargement to be repaid by the seven East Branch Enlargement participating contractors. Currently, this table includes only minimum OMP&R costs attributable to the East Branch Enlargement. In accordance with Article 49(e)(1), the contractors participating in the East Branch Enlargement will also share in the remaining minimum OMP&R costs of the affected reaches, in accordance with a formula developed by DWR in consultation with the affected contractors.

Table B-28 shows each participating contractor's share of the estimated capital costs of the East Branch Enlargement shown in Table B-26.

Table B-29 shows the amounts of the annual capital cost components of the East Branch Enlargement Transportation Charge for each participating contractor. This component consists of each contractor's allocated share of debt service on bonds sold to finance the enlargement.

Table B-30 shows the minimum OMP&R components of the East Branch Enlargement Transportation Charge for each participating contractor for each year of the project repayment period. The amounts shown in Table B-30 will recover the minimum OMP&R costs shown in Table B-27.

Table B-31 shows the annual East Branch Enlargement Transportation charges for each participating contractor (the sum of the corresponding amounts included in Tables B-29 and B-30).

East Branch Extension Charges

The East Branch Extension charges recover associated costs for East Branch Extension facilities beginning at Devil Canyon Powerplant Afterbay and extending to the terminus at Noble Creek in the vicinity of Beaumont, Riverside County. These costs, separated into 3 phases: Phase 1 Original, Phase 1 Improvements, and Phase 2, will be recovered from two contractors—San Bernardino and San Gorgonio—in

Table 10 Determination of Factors for Distributing Capital and Minimum OMP&R Costs of East Branch Enlargement Facilities among Participating Contractors

Reach Number	Description
18A	Junction, West Branch, California Aqueduct through Alamo Powerplant
19	Alamo Powerplant to Fairmont
20A	Fairmont through 70th Street West
20B	70th Street West to Palmdale
21	Palmdale to Littlerock Creek
22A	Littlerock Creek to Pearblossom Pumping Plant
22B	Pearblossom Pumping Plant to West Fork Mojave River
23B	West Fork Mojave River to Silverwood Lake (excluding Mojave Siphon Powerplant facilities)
23C	Mojave Siphon Powerplant facilities
24	Cedar Springs Dam and Silverwood Lake
25	Silverwood Lake to South Portal, San Bernardino Tunnel
26A	South Portal, San Bernardino Tunnel through Devil Canyon Powerplant
26B	Devil Canyon Powerplant Bypass

Share of Enlargement Capacity (cubic feet per second)

Reach Number	AVEK	Coachella	Desert	Mojave	Palmdale	San Bernardino	Metropolitan	Total
18A		151	13	136	6		1,200	1,506
19		151	13	136	6		1,200	1,506
20A	35	151	13	136	6		1,200	1,541
20B	35	151	13	136	6		1,200	1,541
21	35	151	13	136			1,200	1,535
22A	35	151	13	136			1,200	1,535
22B		151	13	136			1,200	1,500
23B		184	67	212			1,200	1,663
23C		184	67				1,200	1,451
24		190	78				1,200	1,468
25		193	83			63	1,200	1,539
26A		193	83			63	1,200	1,539
26B							300	300

Factors for Distributing Capital and Minimum OMP&R Costs of East Branch Enlargement Facilities (flow ratios)

Reach Number	AVEK	Coachella	Desert	Mojave	Palmdale	San Bernardino	Metropolitan	Total
18A	0.00000000	0.10026560	0.00863214	0.09030544	0.00398406	0.00000000	0.79681276	1.00000000
19	0.00000000	0.10026560	0.00863214	0.09030544	0.00398406	0.00000000	0.79681276	1.00000000
20A	0.02271252	0.09798832	0.00843608	0.08825438	0.00389358	0.00000000	0.77871512	1.00000000
20B	0.02271252	0.09798832	0.00843608	0.08825438	0.00389358	0.00000000	0.77871512	1.00000000
21	0.02280130	0.09837134	0.00846906	0.08859935	0.00000000	0.00000000	0.78175895	1.00000000
22A	0.02280130	0.09837134	0.00846906	0.08859935	0.00000000	0.00000000	0.78175895	1.00000000
22B	0.00000000	0.10066667	0.00866667	0.09066667	0.00000000	0.00000000	0.79999999	1.00000000
23B	0.00000000	0.11064342	0.04028863	0.12748046	0.00000000	0.00000000	0.72158749	1.00000000
23C	0.00000000	0.12680910	0.04617505	0.00000000	0.00000000	0.00000000	0.82701585	1.00000000
24	0.00000000	0.12942779	0.05313351	0.00000000	0.00000000	0.00000000	0.81743870	1.00000000
25	0.00000000	0.12540611	0.05393112	0.00000000	0.00000000	0.04093567	0.77972710	1.00000000
26A	0.00000000	0.12540611	0.05393112	0.00000000	0.00000000	0.04093567	0.77972710	1.00000000
26B	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	1.00000000	1.00000000

accordance with their amended water supply contracts. The factors for distributing minimum costs are shown in *Table 11*. *Table 12* shows the capital factors and the corresponding debt service for each of the phases in 2017.

Table 11 Factors for Distributing Minimum OMP&R Costs of the East Branch Extension Facilities

Reach Number	Reach Description	San Bernardino	San Gorgonio	Total
1	Devil Canyon Powerplant to Junction, Foothill Pipeline near Cone Camp Road	0.557330	0.442670	1.000000
2A	Junction Foothill Pipeline near Cone Camp Road to Greenspot Pump Station	0.557330	0.442670	1.000000
2B	Greenspot Pump Station to Morton Canyon Valve Vault	0.777778	0.222222	1.000000
2C	Morton Canyon Valve Vault to Crafton Hills Pump Station	0.777778	0.222222	1.000000
3A	Crafton Hills Pump Station to Carter Street Valve Vault	0.557330	0.442670	1.000000
3B	Carter Street Valve Vault to Garden Air Creek, South of San Bernardino County Line	0.557330	0.442670	1.000000
4A	Garden Air Creek to Cherry Valley Pump Station		1.000000	1.000000
4B	Cherry Valley Pump Station to Terminus at Noble Creek		1.000000	1.000000

Table 12 East Branch Extension Facilities Debt Service for 2017

Contractor	Share of Participation (percent)	Total Debt Service Charge (in dollars)
Phase 1 Original		
San Bernardino	45.8417	**5,062,124**
San Gorgonio	54.1583	**5,980,495**
Subtotal	*100.0000*	***11,042,619***
Phase 1 Improvements		
San Bernardino	63.3410	**3,684,787**
San Gorgonio	36.6590	**2,132,594**
Subtotal	*100.0000*	***5,817,381***
Phase 2		
San Bernardino	64.4210	**8,803,483**
San Gorgonio	35.5790	**4,862,065**
Subtotal	*100.0000*	***13,665,548***
Total		**30,525,548**

Short-term Agreements

DWR and the water supply contractors execute short-term agreements that affect the contractors' charges.

Municipal Water Quality Investigations

DWR executed a 5-year agreement in 1997 with 16 municipal and industrial contractors, who agreed to pay for allocated shares of DWR's Municipal Water Quality Investigations costs. Additional amendments were executed in 2002, 2006, 2008, 2010, and 2014 to extend the program. The Municipal Water Quality Investigations charges under this agreement are included in the transportation minimum OMP&R components shown in Table B-16A.

Feasibility Study

Nine contractors executed a short-term agreement (1997 and 1998) to participate in the feasibility study for the American Basin conjunctive-use program. Feasibility study costs are included in Table B-16A.

Delta Programs

Contractors have agreed to participate in several Delta improvement programs that started in 2007 and that will possibly extend into the future.

The first agreement pertains to the Bay Delta Conservation Plan (BDCP) agreed to in the Memorandum of Agreement (MOA) for Supplemental Funding for Certain Ecosystem Actions and Support for Implementation of Near-Term Water Supply, Water Quality, Ecosystem, and Levee Actions. The BDCP comprises two elements: fishery costs and consultation costs. These costs were added to the contractors' transportation minimum component for bill years 2007 through 2012.

The second agreement pertains to the non-BDCP costs of the MOA, comprising the Delta Vision and pelagic organism decline research costs. These costs were added to the contractors' conservation minimum component for bill years 2007 and 2008.

The third set of agreements pertains to the Delta Habitat Conservation and Conveyance Program (DHCCP). The agreements are between DWR and 20 participating SWP contractors to provide 50 percent of the funding for the preliminary planning phase of an improved Delta water conveyance facility. (The remaining 50 percent is provided by the Bureau of Reclamation.) This program will assess potential habitat restoration and water conveyance options in the Delta. For bill years 2008 through 2011, nearly $70 million in charges associated with the DHCCP were billed directly to the 20 participating SWP contractors as a separate line item in the Statements of Charges and are not reflected in the tables in this appendix.

A fourth set of agreements pertains to both DHCCP and BDCP. For bill years 2012 and 2013, an Agreement for Supplemental Funding for the Costs of Environmental Analysis, Planning and Design of Delta Conservation Measures, Including Delta Conveyance Options, was executed in 2012 between DWR and 16 participating SWP contractors to provide 50 percent of the project funding. In 2012, $22 million was billed and in 2013, $28 million was billed directly to the 16 participating contractors as a separate line item in the Statements of Charges.

During 2013, SWP water supply contractors agreed to participate in the 2013 San Joaquin River Flow Augmentation Program. The costs of the $4 million program were recovered in the 2014 Statements of Charges.

TABLE B-1 Factors for Distributing Reach Capital Costs Among Contractors[a]

Sheet 1 of 2

Reach No.	Reach Description	NORTH BAY AREA		SOUTH BAY AREA				Total
		Napa	Solano	Alameda-Zone 7	Alameda County	Santa Clara	Future Contractor South Bay	
	NORTH BAY AQUEDUCT							
1	Barker Slough through Fairfield/Vacaville Turnout	0.29667896	0.70332104					1.00000000
2	Fairfield/Vacaville Turnout to Cordelia Forebay	0.38414552	0.61585448					1.00000000
3A	Cordelia Forebay through Benicia and Vallejo Turnouts		1.00000000					1.00000000
3B	Cordelia Forebay through Napa Turnout Reservoir	1.00000000						1.00000000
	SOUTH BAY AQUEDUCT							
1	Bethany Reservoir through Altamont Turnout			0.22599612	0.20663021	0.49237700	0.07499667	1.00000000
2	Altamont Turnout through Patterson Reservoir			0.22599658	0.20663059	0.49237783	0.07499500	1.00000000
4	Patterson Reservoir to Del Valle Junction			0.19504795	0.21450017	0.51113249	0.07931939	1.00000000
5	Del Valle Junction through Lake del Valle			0.14436367	0.12972254	0.33715573	0.38875806	1.00000000
6	Del Valle Junction through South Livermore Turnout			0.14599918	0.21144710	0.50574745	0.13680627	1.00000000
7	South Livermore Turnout through Vallecitos Turnout				0.25176680	0.60218448	0.14604872	1.00000000
8	Vallecitos Turnout through Alameda-Bayside Turnout				0.27934645	0.72065355		1.00000000
9	Alameda-Bayside Turnout through Santa Clara Terminal Facilities					1.00000000		1.00000000
	CALIFORNIA AQUEDUCT							
1	Delta through Bethany Reservoir			0.00954737	0.00872917	0.02080118	0.00342507	N/A

Reach No.	Reach Description	CENTRAL COASTAL AREA		SOUTHERN CALIFORNIA AREA				
		San Luis Obispo	Santa Barbara	AVEK	Castaic Lake	Coachella	Crestline	Desert
	CALIFORNIA AQUEDUCT							
1	Delta through Bethany Reservoir	0.00533010	0.00983337	0.02939084	0.01285827	0.00528315	0.00133612	0.00871300
2A	Bethany Reservoir to Orestimba Creek	0.00557213	0.01027988	0.03072531	0.01343201	0.00552068	0.00139620	0.00910474
2B	Orestimba Creek to O'Neill Forebay	0.00557824	0.01029119	0.03075915	0.01345351	0.00552831	0.00139814	0.00911733
3	O'Neill Forebay to Dos Amigos Pumping Plant	0.00557719	0.01028923	0.03075332	0.01345294	0.00552772	0.00139798	0.00911637
4	Dos Amigos Pumping Plant to Panoche Creek	0.00557607	0.01028717	0.03074719	0.01345233	0.00552710	0.00139784	0.00911536
5	Panoche Creek to Five Points	0.00557467	0.01028462	0.03073954	0.01345157	0.00552633	0.00139763	0.00911409
6	Five Points to Arroyo Pasajero	0.00557257	0.01028074	0.03072799	0.01345042	0.00552517	0.00139733	0.00911216
7	Arroyo Pasajero to Kettleman City	0.00557189	0.01027949	0.03072428	0.01345006	0.00552480	0.00139723	0.00911154
8C	Kettleman City through Milham Avenue	0.00557103	0.01027792	0.03071961	0.01344960	0.00552432	0.00139712	0.00911076
8D	Milham Avenue through Avenal Gap	0.00568611	0.01049020	0.03135418	0.01373353	0.00563986	0.00142632	0.00930130
9	Avenal Gap through Twisselman Road			0.03426625	0.01356094	0.00616886	0.00156011	0.01017373
10A	Twisselman Road through Lost Hills			0.03481391	0.01377767	0.00626946	0.00158556	0.01033963
11B	Lost Hills to 7th Standard Road			0.03835043	0.01517717	0.00691699	0.00174933	0.01140749
12D	7th Standard Road through Elk Hills Road			0.04031661	0.01595523	0.00727790	0.00184059	0.01200265
12E	Elk Hills Road through Tupman Road			0.04037074	0.01597665	0.00728878	0.00184332	0.01202059
13B	Tupman Road to Buena Vista Pumping Plant			0.04379882	0.01733322	0.00791595	0.00200194	0.01305492
14A	Buena Vista Pumping Plant through Santiago Creek			0.04599268	0.01820137	0.00831952	0.00210399	0.01372049
14B	Santiago Creek through Old River Road			0.04682530	0.01853084	0.00847388	0.00214303	0.01397505
14C	Old River Road to Wheeler Ridge Pumping Plant			0.04825217	0.01909545	0.00873768	0.00220973	0.01441013
15A	Wheeler Ridge Pumping Plant to Chrisman Pumping Plant			0.04905609	0.01941356	0.00888679	0.00224744	0.01465600
16A	Chrisman Pumping Plant to Edmonston Pumping Plant			0.05089794	0.02014241	0.00922722	0.00233351	0.01521742
17E	Edmonston Pumping Plant to Porter Tunnel			0.05329388	0.02109050	0.00967107	0.00244575	0.01594937
17F	Porter Tunnel to Junction, West Branch, California Aqueduct			0.05340725	0.02113537	0.00969176	0.00245098	0.01598349
18A	Junction, West Branch, California Aqueduct through Alamo Powerplant			0.13238112		0.02399391	0.00606795	0.03957043
19	Alamo Powerplant to Fairmont			0.13237766		0.02399451	0.00606811	0.03957141
19C	Buttes Junction through Buttes Reservoir			1.00000000				
20A	Fairmont through 70th Street West			0.06847931		0.02576425	0.00651573	0.04249001
20B	70th Street West to Palmdale			0.02276024		0.02702917	0.00683555	0.04457607
21	Palmdale to Littlerock Creek			0.02318952		0.02754716	0.00696651	0.04543034
22A	Littlerock Creek to Pearblossom Pumping Plant			0.01181870		0.02794143	0.00706621	0.04608043
22B	Pearblossom Pumping Plant to West Fork Mojave River					0.02827552	0.00715074	0.04663153
23	West Fork Mojave River to Silverwood Lake					0.00324449	0.00818122	0.00535117
24	Cedar Springs Dam and Silverwood Lake					0.01024605	0.01251569	0.01690478
25	Silverwood Lake to South Portal San Bernardino Tunnel							
26A	South Portal, San Bernardino Tunnel through Devil Canyon Powerplant							
28G	Devil Canyon Powerplant to Barton Road							
28H	Barton Road to Lake Perris							
28J	Perris Dam and Lake Perris							
29A	Junction, West Branch, California Aqueduct through Oso Pumping Plant				0.03544337			
29F	Oso Pumping Plant through Quail Embankment				0.03544339			
29G	Quail Embankment through Warne Powerplant				0.03544339			
29H	Pyramid Dam and Lake				0.02817144			
29J	Pyramid Lake through Castaic Powerplant				0.03544338			
30	Castaic Dam and Lake				0.02927284			
31A	Avenal Gap to Devil's Den Pumping Plant	0.10560301	0.19482503		0.07364766			
33A	Devil's Den Pumping Plant through Tank 1	0.10101221	0.89898779					
33B	Tank 1 through Chorro Valley Turnout	0.09912818	0.90087182					
34	Chorro Valley Turnout through Lopez Turnout	0.05479573	0.94520427					
35	Lopez Turnout through Guadalupe Turnout		1.00000000					

[a] Proportionate use factors do not reflect permanent water transfers as a result of the Monterey Amendment and after.

TABLE B-1 Factors for Distributing Reach Capital Costs Among Contractors[a]

Reach No.	SAN JOAQUIN VALLEY AREA							
				Kern				
	Dudley Ridge	Empire	Future Contractor San Joaquin Valley	Municipal and Industrial	Agricultural	Kings	Oak Flat	Tulare
	CALIFORNIA AQUEDUCT							
1	0.01707770	0.00088678	0.00254693	0.02741768	0.30629913	0.00090695	0.00167121	0.03504975
2A	0.01781031	0.00092482	0.00266258	0.02864263	0.31945188	0.00094747	0.00174288	0.03655331
2B	0.01785838	0.00092731	0.00266550	0.02868743	0.32030556	0.00094896		0.03665201
3	0.01786337	0.00092757	0.00266499	0.02868589	0.32039254	0.00094892		0.03666225
4	0.01786863	0.00092785	0.00266446	0.02868428	0.32048398	0.00094886		0.03667303
5	0.01787517	0.00092819	0.00266380	0.02868227	0.32059816	0.00094879		0.03668649
6	0.01788508	0.00092870	0.00266279	0.02867923	0.32077093	0.00094868		0.03670685
7	0.01788826	0.00092887	0.00266246	0.02867825	0.32082633	0.00094864		0.03671338
8C	0.01789228	0.00092909	0.00266205	0.02867702	0.32089625	0.00094859		0.03672162
8D	0.01828779		0.00271703	0.02928147	0.32798200			0.01820857
9				0.03204523	0.32739538			
10A				0.03257442	0.31658608			
11B				0.03597398	0.24684668			
12D				0.03787171	0.20804762			
12E				0.03793198	0.20695175			
13B				0.01458796	0.16600071			
14A				0.00620338	0.13319181			
14B				0.00632023	0.11741558			
14C				0.00651962	0.09039633			
15A				0.00663252	0.07516317			
16A				0.00688973	0.04028829			
17E				0.00212516				
31A			0.05046240		0.57546190			

Reach No.	SOUTHERN CALIFORNIA AREA (continued)								California Aqueduct Total
	Littlerock	Mojave	Palmdale	San Bernardino	San Gabriel	San Gorgonio	Metropolitan	Ventura	
	CALIFORNIA AQUEDUCT								
1	0.00049180	0.01101147	0.00369131	0.02362857	0.00650354	0.00398392	0.43929350	0.00429212	1.00000000
2A	0.00051413	0.01151136	0.00385891	0.02469101	0.00679699	0.00416304	0.45921072	0.00448701	1.00000000
2B	0.00051469	0.01152409	0.00386317	0.02472511	0.00680570	0.00416880	0.45973548	0.00449194	1.00000000
3	0.00051461	0.01152193	0.00386244	0.02472246	0.00680478	0.00416835	0.45965407	0.00449108	1.00000000
4	0.00051451	0.01151965	0.00386167	0.02471968	0.00680380	0.00416787	0.45956848	0.00449019	1.00000000
5	0.00051440	0.01151681	0.00386070	0.02471620	0.00680259	0.00416730	0.45946161	0.00448907	1.00000000
6	0.00051419	0.01151251	0.00385926	0.02471095	0.00680076	0.00416640	0.45929991	0.00448738	1.00000000
7	0.00051413	0.01151113	0.00385879	0.02470927	0.00680016	0.00416612	0.45924807	0.00448685	1.00000000
8C	0.00051405	0.01150938	0.00385821	0.02470716	0.00679941	0.00416576	0.45918261	0.00448616	1.00000000
8D	0.00052466	0.01174718	0.00393793	0.02522383	0.00694100	0.00425288	0.46868533	0.00457883	1.00000000
9	0.00057339	0.01283841	0.00430367	0.02758959	0.00758975	0.00465175	0.51227887	0.00500407	1.00000000
10A	0.00058254	0.01304366	0.00437246	0.02803943	0.00771262	0.00472760	0.52049091	0.00508405	1.00000000
11B	0.00064171	0.01436906	0.00481665	0.03093503	0.00850448	0.00521581	0.57349473	0.00560046	1.00000000
12D	0.00067463	0.01510596	0.00506361	0.03254889	0.00894541	0.00548790	0.60297374	0.00588755	1.00000000
12E	0.00067553	0.01512626	0.00507040	0.03259749	0.00895830	0.00549608	0.60379667	0.00589546	1.00000000
13B	0.00073290	0.01641098	0.00550099	0.03540212	0.00972547	0.00596896	0.65516902	0.00639604	1.00000000
14A	0.00076961	0.01723325	0.00577656	0.03720681	0.01021819	0.00627322	0.68807273	0.00671639	1.00000000
14B	0.00078354	0.01754538	0.00588113	0.03789703	0.01040613	0.00638960	0.70057530	0.00683798	1.00000000
14C	0.00080743	0.01808019	0.00606036	0.03907670	0.01072763	0.00658850	0.72199174	0.00704634	1.00000000
15A	0.00082089	0.01838154	0.00616135	0.03974336	0.01090913	0.00670088	0.73406357	0.00716371	1.00000000
16A	0.00085171	0.01907194	0.00639271	0.04126559	0.01132404	0.00695754	0.76170731	0.00743264	1.00000000
17E	0.00089182	0.01997003	0.00669365	0.04325018	0.01186455	0.00729213	0.79767940	0.00778251	1.00000000
17F	0.00089372	0.02001251	0.00670788	0.04334270	0.01188988	0.00730773	0.79937767	0.00779906	1.00000000
18A	0.00221525	0.04960424	0.01662680	0.10730448	0.02944860	0.01809192	0.57469530		1.00000000
19	0.00221522	0.04960300	0.01662640	0.10730707	0.02944876	0.01809230	0.57469556		1.00000000
19C									1.00000000
20A	0.00237800	0.05324853	0.01784830	0.11522152	0.03161798	0.01942666	0.61700971		1.00000000
20B	0.00249470	0.05586076	0.01872390	0.12087843	0.03316986	0.02038045	0.64729087		1.00000000
21	0.00254199	0.05692053		0.12319480	0.03380324	0.02077093	0.65963498		1.00000000
22A		0.05773082		0.12495766	0.03428605	0.02106816	0.66905054		1.00000000
22B		0.05842136		0.12645207	0.03469614	0.02132008	0.67705256		1.00000000
23				0.14467451	0.03969010	0.02439237	0.77446614		1.00000000
24				0.22243002	0.04339444	0.02843498	0.66607404		1.00000000
25				0.14947726	0.03997502	0.02520426	0.78534346		1.00000000
26A				0.14947726	0.03997502	0.02520426	0.78534346		1.00000000
28G				0.05126137			0.94873863		1.00000000
28H							1.00000000		1.00000000
28J							1.00000000		1.00000000
29A							0.95147783	0.01307880	1.00000000
29F							0.95147785	0.01307876	1.00000000
29G							0.95147785	0.01307876	1.00000000
29H							0.96278381	0.00904475	1.00000000
29J							0.95147787	0.01307875	1.00000000
30							0.96212388	0.00860328	1.00000000
31A									1.00000000
33A									1.00000000
33B									1.00000000
34									1.00000000
35									1.00000000

[a] Proportionate use factors do not reflect permanent water transfers as a result of the Monterey Amendment and after.

TABLE B-2 Factors for Distributing Reach Minimum OMP&R Costs Among Contractors[a]

Sheet 1 of 2

Reach No.	Reach Description	NORTH BAY AREA		SOUTH BAY AREA				Total
		Napa	Solano	Alameda-Zone 7	Alameda County	Santa Clara	Future Contractor South Bay	
	NORTH BAY AQUEDUCT							
1	Barker Slough through Fairfield/Vacaville Turnout	0.29251728	0.70748272					1.00000000
2	Fairfield/Vacaville Turnout to Cordelia Forebay	0.42000793	0.57999207					1.00000000
3A	Cordelia Forebay through Benicia and Vallejo Turnouts		1.00000000					1.00000000
3B	Cordelia Forebay through Napa Turnout Reservoir	1.00000000						1.00000000
	SOUTH BAY AQUEDUCT							
1	Bethany Reservoir through Altamont Turnout			0.33980110	0.19515838	0.46504052	0.00000000	1.00000000
2	Altamont Turnout through Patterson Reservoir			0.33978741	0.19516252	0.46505007	0.00000000	1.00000000
4	Patterson Reservoir to Del Valle Junction			0.31610985	0.20216089	0.48172926	0.00000000	1.00000000
5	Del Valle Junction through Lake del Valle			0.53312173	0.12972254	0.33715573	0.00000000	1.00000000
6	Del Valle Junction through South Livermore Turnout			0.32478705	0.19906896	0.47614399	0.00000000	1.00000000
7	South Livermore Turnout through Vallecitos Turnout			0.14604872	0.25176680	0.60218448	0.00000000	1.00000000
8	Vallecitos Turnout through Alameda-Bayside Turnout				0.27934645	0.72065355		1.00000000
9	Alameda-Bayside Turnout through Santa Clara Terminal Facilities					1.00000000		1.00000000
	CALIFORNIA AQUEDUCT							
1	Delta through Bethany Reservoir				0.00870518	0.02074403		N/A

Reach No.	Reach Description	CENTRAL COASTAL AREA		SOUTHERN CALIFORNIA AREA				
		San Luis Obispo	Santa Barbara	AVEK	Castaic Lake	Coachella	Crestline	Desert
	CALIFORNIA AQUEDUCT							
1	Delta through Bethany Reservoir	0.00531721	0.00980965	0.03130358	0.02543338	0.03261213	0.00133220	0.01285646
2A	Bethany Reservoir to Orestimba Creek	0.00556969	0.01027545	0.03278434	0.02659653	0.03414259	0.00139484	0.01346045
2B	Orestimba Creek to O'Neill Forebay	0.00557578	0.01028673	0.03282389	0.02665383	0.03419149	0.00139677	0.01347932
3	O'Neill Forebay to Dos Amigos Pumping Plant	0.00557472	0.01028476	0.03281870	0.02665705	0.03418834	0.00139663	0.01347795
4	Dos Amigos Pumping Plant to Panoche Creek	0.00557360	0.01028270	0.03281323	0.02666041	0.03418504	0.00139648	0.01347652
5	Panoche Creek to Five Points	0.00557222	0.01028014	0.03280640	0.02666463	0.03418091	0.00139630	0.01347474
6	Five Points to Arroyo Pasajero	0.00557012	0.01027626	0.03279609	0.02667100	0.03417466	0.00139599	0.01347205
7	Arroyo Pasajero to Kettleman City	0.00556944	0.01027501	0.03279278	0.02667304	0.03417265	0.00139589	0.01347118
8C	Kettleman City through Milham Avenue	0.00551362	0.01017203	0.03245613	0.02634257	0.03380450	0.00138102	0.01332696
8D	Milham Avenue through Avenal Gap	0.00562578	0.01037893	0.03311929	0.02690184	0.03450165	0.00140943	0.01360147
9	Avenal Gap through Twisselman Road			0.03490917	0.02761987	0.03509927	0.00151717	0.01432230
10A	Twisselman Road through Lost Hills			0.03544917	0.02807208	0.03564408	0.00154110	0.01454684
11B	Lost Hills to 7th Standard Road			0.03880671	0.03085710	0.03902944	0.00168938	0.01593968
12D	7th Standard Road through Elk Hills Road			0.04066779	0.03241328	0.04090687	0.00177180	0.01671325
12E	Elk Hills Road through Tupman Road			0.04071899	0.03246787	0.04095940	0.00177429	0.01673594
13B	Tupman Road to Buena Vista Pumping Plant			0.04402054	0.03519674	0.04428760	0.00191991	0.01810442
14A	Buena Vista Pumping Plant through Santiago Creek			0.04611560	0.03675967	0.04640153	0.00201279	0.01897599
14B	Santiago Creek through Old River Road			0.04676624	0.03303687	0.04706094	0.00204236	0.01925135
14C	Old River Road to Wheeler Ridge Pumping Plant			0.04794869	0.03181987	0.04825630	0.00209534	0.01974685
15A	Wheeler Ridge Pumping Plant to Chrisman Pumping Plant			0.04864100	0.03227919	0.04895597	0.00212631	0.02003668
16A	Chrisman Pumping Plant to Edmonston Pumping Plant			0.05024161	0.03334119	0.05057226	0.00219758	0.02070455
17E	Edmonston Pumping Plant to Porter Tunnel			0.05223186	0.03466168	0.05258256	0.00228636	0.02153594
17F	Porter Tunnel to Junction, West Branch, California Aqueduct			0.05233552	0.03473046	0.05268698	0.00229092	0.02157880
18A	Junction, West Branch, California Aqueduct through Alamo Powerplant			0.13774725		0.11306511	0.00603056	0.05137695
19	Alamo Powerplant to Fairmont			0.13774370		0.11306344	0.00603069	0.05137766
19C	Buttes Junction through Buttes Reservoir			1.00000000				
20A	Fairmont through 70th Street West			0.06855702		0.12212506	0.00651522	0.05550243
20B	70th Street West to Palmdale			0.02284441		0.12811683	0.00683511	0.05822670
21	Palmdale to Littlerock Creek			0.02327543		0.13055246	0.00696606	0.05933989
22A	Littlerock Creek to Pearblossom Pumping Plant			0.01190663		0.13241285	0.00706574	0.06018798
22B	Pearblossom Pumping Plant to West Fork Mojave River			0.00195128		0.13374659	0.00713697	0.06079440
23	West Fork Mojave River to Silverwood Lake					0.12416451	0.00818135	0.02168414
24	Cedar Springs Dam and Silverwood Lake					0.02651510	0.01251569	0.01910229
25	Silverwood Lake to South Portal San Bernardino Tunnel					0.09751351		0.01317145
26A	South Portal, San Bernardino Tunnel through Devil Canyon Powerplant					0.12013473		0.01622697
28G	Devil Canyon Powerplant to Barton Road					0.30672992		0.04143095
28H	Barton Road to Lake Perris					0.32330286		0.04366951
28J	Perris Dam and Lake Perris					0.32330202		0.04366970
29A	Junction, West Branch, California Aqueduct through Oso Pumping Plant			0.00296720	0.05726734			
29F	Oso Pumping Plant through Quail Embankment			0.00296796	0.05726649			
29G	Quail Embankment through Warne Powerplant				0.05742327			
29H	Pyramid Dam and Lake				0.03349572			
29J	Pyramid Lake through Castaic Powerplant				0.05740996			
30	Castaic Dam and Lake				0.03248607			
31A	Avenal Gap to Devil's Den Pumping Plant	0.10542164	0.19449108		0.07351496	0.05400251		0.01800084
33A	Devil's Den Pumping Plant through Tank 1	0.10101221	0.89898779					
33B	Tank 1 through Chorro Valley Turnout	0.10101221	0.89898779					
34	Chorro Valley Turnout through Lopez Turnout	0.05271277	0.94728723					
35	Lopez Turnout through Guadalupe Turnout		1.00000000					

[a] Proportionate use factors apply to 2017 and reflect permanent capacity water transfers that have been signed as of February 1, 2016.

TABLE B-2 Factors for Distributing Reach Minimum OMP&R Costs Among Contractors[a]

Reach No.	SAN JOAQUIN VALLEY AREA										
	Napa	Solano	Alameda-Zone 7	Dudley Ridge	Empire	Future Contractor San Joaquin Valley	Kern Municipal and Industrial	Kern Agricultural	Kings	Oak Flat	Tulare
	CALIFORNIA AQUEDUCT										
1	0.00101482	0.00145895	0.02319903	0.01467673	0.00088461	0.00254076	0.02734568	0.27096833	0.00247145	0.00166714	0.02580275
2A	0.00106145	0.00152591	0.00868253	0.01533481	0.00092428	0.00266141	0.02862314	0.28310687	0.00258398	0.00174185	0.02695973
2B	0.00106360	0.00152905	0.00869823	0.01537617	0.00092676	0.00266432	0.02866783	0.28387747	0.00258988		0.02703241
3	0.00106370	0.00152920	0.00869838	0.01538045	0.00092702	0.00266381	0.02866629	0.28395878	0.00259028		0.02703994
4	0.00106379	0.00152934	0.00869854	0.01538495	0.00092729	0.00266328	0.02866467	0.28404425	0.00259071		0.02704786
5	0.00106390	0.00152952	0.00869876	0.01539058	0.00092763	0.00266262	0.02866263	0.28415100	0.00259125		0.02705775
6	0.00106409	0.00152980	0.00869909	0.01539909	0.00092815	0.00266161	0.02865956	0.28431251	0.00259206		0.02707272
7	0.00106415	0.00152990	0.00869920	0.01540183	0.00092832	0.00266127	0.02865857	0.28436430	0.00259232		0.02707752
8C	0.00105126	0.00151129	0.00859813	0.01519240	0.00091570	0.00263462	0.02834154	0.28048179	0.00255949		0.02670939
8D	0.00107347	0.00154326	0.00877817	0.01552187		0.00268820	0.02892910	0.28657021	0.00165698		0.00825002
9	0.00079148	0.00109219	0.00779740				0.03115978	0.29020213			
10A	0.00080441	0.00110983	0.00792269				0.03165722	0.27906723			
11B	0.00064433	0.00094350	0.00351417				0.03473359	0.21569759			
12D							0.03644652	0.18305822			
12E							0.03650093	0.18194750			
13B							0.01398402	0.14058058			
14A							0.00593078	0.10814827			
14B							0.00602009	0.09952426			
14C							0.00617876	0.07848396			
15A							0.00627144	0.06500426			
16A							0.00648410	0.03392037			
17E							0.00198506				
31A	0.00628695	0.00977801	0.02617705			0.05037550		0.36716813	0.00176551		

Reach No.	SOUTHERN CALIFORNIA AREA (continued)								California Aqueduct Total
	Littlerock	Mojave	Palmdale	San Bernardino	San Gabriel	San Gorgonio	Metroplitan	Ventura	
	CALIFORNIA AQUEDUCT								
1	0.00049038	0.02116470	0.00458381	0.02355980	0.00648455	0.00397230	0.41532271	0.00427768	1.00000000
2A	0.00051367	0.02214484	0.00480091	0.02466751	0.00679050	0.00415906	0.43501287	0.00448079	1.00000000
2B	0.00051423	0.02218483	0.00480654	0.02470151	0.00679919	0.00416478	0.43550968	0.00448571	1.00000000
3	0.00051414	0.02218522	0.00480573	0.02469885	0.00679827	0.00416433	0.43543260	0.00448486	1.00000000
4	0.00051405	0.02218564	0.00480489	0.02469606	0.00679730	0.00416387	0.43535156	0.00448397	1.00000000
5	0.00051393	0.02218616	0.00480382	0.02469256	0.00679607	0.00416328	0.43525035	0.00448285	1.00000000
6	0.00051372	0.02218693	0.00480221	0.02468729	0.00679422	0.00416240	0.43509723	0.00448115	1.00000000
7	0.00051366	0.02218719	0.00480171	0.02468559	0.00679362	0.00416212	0.43504813	0.00448061	1.00000000
8C	0.00050851	0.02192962	0.00475278	0.02442260	0.00672277	0.00411777	0.44211780	0.00443571	1.00000000
8D	0.00051885	0.02238875	0.00484976	0.02492516	0.00686055	0.00420251	0.45117880	0.00452595	1.00000000
9	0.00055796	0.02061192	0.00521674	0.02683029	0.00738240	0.00452372	0.48549902	0.00486719	1.00000000
10A	0.00056659	0.02092935	0.00529783	0.02725335	0.00749802	0.00459505	0.49310270	0.00494246	1.00000000
11B	0.00062024	0.02290463	0.00580164	0.02987521	0.00821533	0.00503710	0.54027985	0.00541051	1.00000000
12D	0.00064998	0.02399884	0.00599767	0.03133251	0.00861365	0.00528280	0.56647688	0.00566994	1.00000000
12E	0.00065079	0.02402828	0.00600523	0.03137638	0.00862529	0.00529020	0.56724183	0.00567708	1.00000000
13B	0.00070354	0.02597118	0.00649222	0.03395142	0.00933012	0.00572435	0.61359604	0.00613732	1.00000000
14A	0.00073704	0.02720257	0.00680126	0.03559402	0.00977890	0.00600130	0.64311092	0.00642936	1.00000000
14B	0.00074743	0.02758281	0.00689726	0.03611670	0.00992049	0.00608943	0.65242374	0.00652003	1.00000000
14C	0.00076634	0.02827615	0.00707171	0.03705347	0.01017549	0.00624735	0.66919487	0.00668485	1.00000000
15A	0.00077741	0.02868221	0.00717384	0.03760115	0.01032464	0.00633968	0.67900489	0.00678133	1.00000000
16A	0.00080298	0.02962205	0.00740997	0.03886148	0.01066844	0.00655218	0.70161679	0.00700445	1.00000000
17E	0.00083480	0.03079028	0.00770356	0.04043105	0.01109636	0.00681681	0.72976182	0.00728186	1.00000000
17F	0.00083646	0.03085132	0.00771884	0.04051162	0.01111844	0.00683040	0.73121394	0.00729630	1.00000000
18A	0.00220155	0.04929713	0.01652427	0.10664131	0.02926634	0.01798005	0.46986948		1.00000000
19	0.00220151	0.04929585	0.01652388	0.10664396	0.02926656	0.01798044	0.46987231		1.00000000
19C									1.00000000
20A	0.00237787	0.05324421	0.01784728	0.11521174	0.03161525	0.01942494	0.50757898		1.00000000
20B	0.00249455	0.05585607	0.01872278	0.12086783	0.03316690	0.02037859	0.53249023		1.00000000
21	0.00254183	0.05691567		0.12318381	0.03380017	0.02076901	0.54265567		1.00000000
22A		0.05772584		0.12494639	0.03428290	0.02106619	0.55040548		1.00000000
22B		0.05830722		0.12620561	0.03462835	0.02127845	0.55595113		1.00000000
23				0.14467451	0.03969010	0.02439237	0.63721302		1.00000000
24				0.22243002	0.04339445	0.02843498	0.64760747		1.00000000
25				0.11825184	0.03722720	0.01993915	0.71389685		1.00000000
26A				0.14947726	0.03997501	0.02520426	0.64898177		1.00000000
28G				0.05126136			0.60057777		1.00000000
28H							0.63302763		1.00000000
28J							0.63302828		1.00000000
29A							0.92702291	0.01274255	1.00000000
29F							0.92702302	0.01274253	1.00000000
29G							0.92979606	0.01278067	1.00000000
29H							0.95753173	0.00897255	1.00000000
29J							0.92980918	0.01278086	1.00000000
30							0.95895422	0.00855971	1.00000000
31A		0.09301782							1.00000000
33A									1.00000000
33B									1.00000000
34									1.00000000
35									1.00000000

[a] Proportionate use factors apply to 2017 and reflect permanent capacity water transfers that have been signed as of February 1, 2016.

TABLE B-3 Power Costs and Credits, Transmission Costs and Annual Replacement Deposits for Each Aqueduct Pumping and Power Recovery Plant[a] (in dollars)

Sheet 1 of 3

	NORTH BAY AQUEDUCT			SOUTH BAY AQUEDUCT	CALIFORNIA AQUEDUCT			
	Reach 1	Reach 3A	Reach 3B	Reach 1[c]	Reach 1	Reach 4	Reach 14A	Reach 15A
Calendar Year	Barker Slough Pumping Plant	Cordelia Pumping Plant Solano	Cordelia Pumping Plant Napa[b]	South Bay and Del Valle Pumping Plants	Banks Pumping Plant	Dos Amigos Pumping Plant	Buena Vista Pumping Plant	Teerink Pumping Plant
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
1961	0	0	0	0	0	0	0	0
1962	0	0	0	36,771	0	0	0	0
1963	0	0	0	55,654	0	0	0	0
1964	0	0	0	73,240	0	0	0	0
1965	0	0	0	137,665	0	0	0	0
1966	0	0	0	186,064	0	0	0	0
1967	0	0	0	216,515	15,453	0	0	0
1968	0	0	6,989	336,671	452,630	202,947	0	0
1969	0	0	8,551	257,579	293,741	135,425	0	0
1970	0	0	13,598	396,358	346,215	211,197	1	0
1971	0	0	10,609	381,662	574,015	225,188	115,801	2,564
1972	0	0	14,434	598,702	933,292	492,633	198,914	68,304
1973	0	0	14,449	493,490	688,030	381,232	263,468	236,623
1974	0	0	17,473	565,575	783,562	447,772	315,939	324,966
1975	0	0	14,779	349,758	1,341,019	518,322	508,060	552,952
1976	0	0	20,856	571,361	1,638,453	641,115	712,947	713,875
1977	0	0	22,635	512,996	1,013,307	277,439	265,169	300,985
1978	0	0	21,692	586,355	2,339,502	560,759	689,236	616,104
1979	0	0	16,237	605,136	3,554,256	1,008,564	776,016	749,188
1980	0	0	19,945	523,369	2,083,336	1,129,152	1,051,629	1,047,495
1981	0	0	23,842	567,692	3,952,931	1,939,189	1,336,867	1,319,739
1982	0	0	12,157	605,780	3,082,031	1,363,705	1,200,226	1,213,660
1983	0	0	2,342	82,222	1,001,612	396,086	450,801	432,165
1984	0	0	4,822	271,543	1,856,959	976,773	823,681	770,618
1985	0	0	10,188	451,020	3,186,029	1,621,418	1,409,980	1,411,621
1986	0	0	15,501	807,984	6,601,752	2,627,407	2,405,224	2,432,322
1987	0	0	27,223	886,956	5,820,699	2,555,341	2,295,575	2,286,066
1988	17,813	0	24,020	909,300	6,365,669	2,648,986	2,628,985	2,636,224
1989	29,819	43,846	26,519	1,161,160	9,964,956	4,002,409	4,130,033	4,159,440
1990	52,210	67,109	40,775	1,834,626	10,554,762	4,541,508	5,855,196	6,099,412
1991	10,429	10,118	5,252	378,966	1,994,449	510,781	944,445	1,077,662
1992	13,319	13,070	9,406	311,251	3,385,375	1,235,571	1,366,433	1,441,966
1993	(11,941)	(8,753)	(5,392)	(158,214)	537,591	348,409	(127,617)	(104,923)
1994	46,791	39,624	29,189	799,624	6,013,464	2,450,174	2,778,971	2,823,137
1995	20,014	20,620	11,791	247,645	4,066,595	1,532,502	952,304	877,047
1996	57,320	47,288	23,483	619,160	8,385,766	4,056,188	2,565,655	2,378,677
1997	67,416	52,935	21,955	986,312	7,010,228	2,870,194	2,637,433	2,469,147
1998	(11,427)	(10,141)	(4,879)	(133,721)	204,374	(365,361)	(319,014)	(295,861)
1999	34,881	25,288	11,623	507,549	6,333,906	2,421,869	1,691,167	1,446,775
2000	61,251	42,605	15,645	744,601	8,192,499	3,183,058	3,047,566	3,216,888
2001	376,166	250,964	214,751	4,262,186	27,678,243	10,726,077	15,061,255	15,960,123
2002	192,540	104,564	61,470	2,036,126	17,666,689	7,284,182	8,870,415	9,554,380
2003	198,411	118,387	97,762	2,591,352	24,686,904	9,172,710	10,694,766	11,529,669
2004	262,243	139,241	107,251	2,420,894	22,910,295	9,450,923	12,600,249	13,757,895
2005	291,101	147,895	149,083	2,791,021	33,776,092	12,750,371	11,843,712	12,615,882
2006	240,451	116,406	147,541	2,551,235	24,153,833	10,464,755	11,470,441	12,268,716
2007	461,136	228,029	257,116	4,809,380	23,665,366	11,668,533	17,485,162	18,965,848
2008	430,277	195,656	307,555	3,425,973	14,703,503	6,671,984	11,660,910	13,395,079
2009	221,684	103,270	164,922	2,501,591	13,814,314	4,320,317	7,109,228	7,916,544
2010	265,329	112,283	219,613	2,505,829	27,497,962	9,982,984	11,243,647	11,839,241
2011	276,011	116,076	232,697	3,365,611	40,410,387	15,518,386	14,818,528	15,530,918
2012	277,025	123,844	193,629	3,787,397	24,413,047	12,628,000	14,645,228	14,989,804
2013	446,094	208,054	331,870	5,281,604	23,461,974	9,732,824	13,373,155	13,792,322
2014	388,724	184,702	476,187	4,476,996	18,433,560	4,771,903	8,576,932	8,930,574
2015	390,734	239,088	361,235	5,307,739	16,574,599	6,150,419	10,562,911	11,933,700
2016	548,601	306,673	375,675	5,200,567	46,688,708	12,352,893	17,512,117	18,458,474
2017	**629,471**	**178,375**	**600,736**	**4,905,065**	**43,881,122**	**16,473,139**	**20,872,813**	**21,522,503**
2018	640,090	181,385	610,872	5,125,759	43,055,561	16,700,175	20,380,145	20,966,695
2019	573,263	193,348	545,427	5,366,543	48,107,976	17,843,553	21,049,535	21,580,257
2020	585,727	197,552	557,286	5,504,796	35,329,763	18,243,993	21,535,259	22,079,893
2021	576,541	194,453	548,545	5,418,457	42,469,703	17,957,848	21,197,493	21,733,584
2022	583,831	196,912	555,481	5,486,975	39,111,067	18,184,930	21,465,542	22,008,412
2023	580,757	195,876	552,557	5,458,084	38,905,132	18,089,180	21,352,517	21,892,529
2024	583,026	196,641	554,715	5,479,405	38,709,904	18,159,841	21,435,927	21,978,048
2025	586,434	197,790	557,958	5,511,439	32,358,922	18,266,008	21,561,246	22,106,537
2026	575,597	194,135	547,647	5,409,587	45,700,739	17,928,449	21,162,791	21,698,004
2027	579,719	195,525	551,569	5,448,325	38,835,570	18,056,836	21,314,339	21,853,385
2028	581,960	196,281	553,701	5,469,393	38,985,740	18,126,659	21,396,758	21,937,889
2029	583,836	196,914	555,486	5,487,022	38,763,714	18,185,085	21,465,724	22,008,599
2030	586,041	197,658	557,584	5,507,748	33,212,248	18,253,774	21,546,806	22,091,731
2031	586,184	197,706	557,720	5,509,084	36,334,412	18,258,201	21,552,031	22,097,089
2032	576,048	194,287	548,076	5,413,825	47,759,974	17,942,496	21,179,371	21,715,004
2033	588,371	198,444	559,801	5,529,646	27,502,911	18,326,349	21,632,473	22,179,565
2034	579,894	195,585	551,736	5,449,977	42,288,305	18,062,309	21,320,799	21,860,009
2035	576,408	194,409	548,419	5,417,210	46,863,598	17,953,715	21,192,614	21,728,582
TOTAL	**16,807,621**	**6,732,017**	**14,821,381**	**178,980,220**	**1,273,280,293**	**541,807,754**	**645,113,929**	**669,182,323**

[a] Starting with 2005, transmission costs that vary and depend on power usage are included, therefore recovered through the variable component.

[b] Power costs for the period 1968 through 1987 are for an interim facility.

[c] The costs of Del Valle Pumping Plant are combined with those of South Bay Pumping Plant to simplify the cost allocations.

TABLE B-3 Power Costs and Credits, Transmission Costs and Annual Replacement Deposits for Each Aqueduct Pumping and Power Recovery Plant[a] (in dollars)

Sheet 2 of 3

	CALIFORNIA AQUEDUCT (continued)							
	Reach 16A	Reach 17E	Reach 18A	Reach 22B	Reach 23	Reach 26A	Reach 2B (EBX)	Reach 3A (EBX)
Calendar Year	Chrisman Pumping Plant	Edmonston Pumping Plant	Alamo Pumping Plant	Pearblossom Pumping Plant	Mojave Siphon Powerplant	Devil Canyon Powerplant	Greenspot Pump Station	Crafton Hills Pump Station
	[9]	[10]	[11]	[12]	[13]	[14]	[15]	[16]
1961	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0	0
1972	142,902	542,625	0	3,468	0	(3,024)	0	0
1973	387,198	1,548,428	0	202,289	0	(461,268)	0	0
1974	564,464	2,164,223	0	324,993	0	(546,156)	0	0
1975	1,095,331	4,010,395	0	575,061	0	(1,095,523)	0	0
1976	1,506,985	5,443,936	0	889,544	0	(1,566,056)	0	0
1977	652,643	2,345,033	0	315,128	0	(1,222,866)	0	0
1978	1,132,296	4,180,131	0	1,508,115	0	(3,085,094)	0	0
1979	1,526,850	5,475,688	0	1,838,687	0	(3,466,481)	0	0
1980	2,102,439	7,028,235	0	1,762,063	0	(3,318,152)	0	0
1981	2,838,773	9,351,931	0	2,296,771	0	(3,842,971)	0	0
1982	2,424,920	8,352,207	0	1,498,620	0	(2,736,072)	0	0
1983	793,915	2,375,225	0	397,766	0	(5,478,830)	0	0
1984	1,479,784	4,585,198	0	624,213	0	(7,350,989)	0	0
1985	2,812,461	9,365,591	0	1,226,515	0	(10,748,103)	0	0
1986	4,999,949	16,956,023	(1,013,756)	2,359,599	0	(11,484,996)	0	0
1987	4,586,919	15,121,886	(1,064,827)	1,907,854	0	(11,151,140)	0	0
1988	5,284,130	17,342,811	(744,374)	2,375,784	0	(14,495,967)	0	0
1989	8,772,733	29,455,330	(789,392)	4,235,981	0	(18,688,631)	0	0
1990	13,814,150	49,027,449	(841,172)	6,559,548	0	(21,045,321)	0	0
1991	2,535,180	9,033,684	(269,625)	996,352	0	(4,884,013)	0	0
1992	2,907,026	9,754,469	(975,679)	1,225,121	0	(9,782,946)	0	0
1993	(598,008)	(2,721,158)	(58,116)	(260,035)	0	(7,502,549)	0	0
1994	5,941,789	20,657,617	(60,125)	2,644,592	0	(11,998,949)	0	0
1995	1,752,212	5,829,425	(1,324,810)	1,106,460	0	(9,742,248)	0	0
1996	5,050,986	17,658,964	(2,955,178)	2,833,791	(979,429)	(12,358,465)	0	0
1997	5,545,919	19,859,875	(2,572,220)	3,156,995	(1,748,195)	(13,830,356)	0	0
1998	(664,843)	(2,312,472)	(2,016,390)	(443,482)	(1,253,110)	(10,108,555)	0	0
1999	3,616,732	13,967,075	(2,980,122)	1,837,476	(2,587,958)	(15,232,207)	0	0
2000	7,255,331	26,090,314	(5,123,988)	3,817,684	(4,402,610)	(25,758,437)	0	0
2001	35,512,637	129,642,109	(3,383,762)	18,930,997	(3,714,425)	(20,062,834)	0	0
2002	21,173,346	77,461,814	(5,057,760)	10,849,297	(5,371,837)	(25,292,454)	0	0
2003	25,596,032	94,010,922	(3,408,979)	14,573,122	(6,565,620)	(27,777,638)	0	0
2004	30,537,142	112,157,127	(6,431,864)	17,022,676	(7,858,117)	(32,044,505)	78,555	68,914
2005	27,845,084	97,798,938	(5,880,165)	17,454,941	(6,454,740)	(28,818,797)	69,542	48,909
2006	26,820,813	84,626,897	(4,091,143)	15,795,475	(6,391,206)	(34,897,387)	135,205	148,128
2007	41,386,558	138,617,059	(3,029,048)	19,242,314	(5,896,486)	(28,814,592)	248,626	256,313
2008	26,255,003	82,159,793	(3,426,928)	10,827,189	(3,300,797)	(16,968,293)	242,648	326,570
2009	16,500,988	75,435,159	(3,266,008)	9,230,210	(2,288,833)	(13,842,660)	360,373	391,267
2010	26,190,014	95,975,151	(5,115,083)	16,897,664	(5,653,201)	(24,769,829)	313,542	431,062
2011	33,960,779	118,907,531	(6,536,645)	23,388,410	(7,792,422)	(32,285,174)	372,501	500,578
2012	33,052,074	115,573,786	(2,492,869)	17,437,731	(8,905,115)	(23,525,846)	451,850	551,794
2013	30,134,416	106,092,103	(2,081,221)	12,343,413	(4,915,165)	(14,305,918)	487,724	570,697
2014	19,618,567	67,887,838	(1,786,122)	7,162,418	(1,465,644)	(5,391,598)	316,015	438,715
2015	26,453,951	94,140,819	(2,289,717)	9,195,351	(2,103,231)	(6,675,218)	342,464	457,405
2016	41,795,991	152,354,540	(10,274,609)	26,431,248	(11,357,647)	(22,454,991)	377,640	462,567
2017	**49,135,597**	**180,049,497**	**(11,603,405)**	**24,467,615**	**(14,419,970)**	**(20,822,068)**	**476,840**	**595,092**
2018	47,830,901	175,144,689	(12,072,573)	25,989,343	(15,093,100)	(21,811,146)	484,175	604,246
2019	49,160,563	179,855,764	(9,666,198)	22,778,616	(12,708,216)	(18,407,632)	510,297	636,847
2020	50,300,020	184,028,818	(9,695,490)	23,350,642	(12,750,129)	(18,407,632)	521,393	650,693
2021	49,511,097	181,142,449	(9,695,490)	22,984,402	(12,750,129)	(18,407,632)	513,215	640,488
2022	50,137,180	183,433,052	(9,695,490)	23,275,047	(12,750,129)	(18,407,632)	519,705	648,587
2023	49,873,188	182,467,206	(11,056,463)	23,152,495	(12,750,128)	(18,407,632)	516,968	645,172
2024	50,068,008	183,179,974	(11,056,463)	23,242,935	(12,750,128)	(18,407,632)	518,988	647,692
2025	50,360,718	184,250,888	(11,056,463)	23,378,819	(12,750,129)	(18,407,632)	522,022	651,478
2026	49,430,042	180,845,898	(11,056,463)	22,946,774	(12,750,129)	(18,407,632)	512,375	639,439
2027	49,784,015	182,140,951	(11,056,463)	23,111,098	(12,750,129)	(18,407,632)	516,044	644,018
2028	49,976,522	182,845,264	(11,056,463)	23,200,465	(12,750,128)	(18,407,632)	518,039	646,508
2029	50,137,606	183,434,609	(11,056,463)	23,275,244	(12,750,128)	(18,407,632)	519,709	648,592
2030	50,326,988	184,127,485	(11,056,463)	23,363,161	(12,750,128)	(18,407,632)	521,672	651,042
2031	50,339,194	184,172,141	(11,056,463)	23,368,827	(12,750,129)	(18,407,632)	521,799	651,200
2032	49,468,770	180,987,588	(11,056,463)	22,964,753	(12,750,129)	(18,407,632)	512,776	639,940
2033	50,527,082	184,859,553	(11,056,463)	23,456,050	(12,750,129)	(18,407,632)	523,746	653,631
2034	49,799,104	182,196,159	(11,056,463)	23,118,103	(12,750,128)	(18,407,632)	516,200	644,213
2035	49,499,702	181,100,757	(11,056,463)	22,979,112	(12,750,128)	(18,407,632)	513,097	640,340
TOTAL	**1,498,760,858**	**5,415,594,465**	**(297,504,362)**	**739,002,909**	**(347,229,131)**	**(956,477,057)**	**13,555,745**	**16,832,139**

[a] Starting with 2005, transmission costs that vary and depend on power usage are included, therefore recovered through the variable component.

TABLE B-3 Power Costs and Credits, Transmission Costs and Annual Replacement Deposits for Each Aqueduct Pumping and Power Recovery Plant[a] (in dollars)

Sheet 3 of 3

	CALIFORNIA AQUEDUCT (continued)						
	Reach 4B (EBX)	Reach 29A	Reach 29G	Reach 29J	Reach 31A	Reach 33A	
Calendar Year	Cherry Valley Pump Station	Oso Pumping Plant	Warne Powerplant	Castaic Powerplant	Las Perillas and Badger Hill Pumping Plants	Devil's Den, Bluestone, and Polonio Pass Pumping Plants	Grand Total
	[17]	[18]	[19]	[20]	[21]	[22]	[23]
1961	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	36,771
1963	0	0	0	0	0	0	55,654
1964	0	0	0	0	0	0	73,240
1965	0	0	0	0	0	0	137,665
1966	0	0	0	0	0	0	186,064
1967	0	0	0	0	0	0	231,968
1968	0	0	0	0	118,676	0	1,117,913
1969	0	0	0	0	78,350	0	773,646
1970	0	0	0	0	136,429	0	1,103,798
1971	0	0	0	0	166,296	0	1,476,135
1972	0	79,315	0	(211,144)	212,938	0	3,073,359
1973	0	122,787	0	(1,057,564)	114,897	0	2,934,059
1974	0	157,511	0	(1,547,884)	111,442	0	3,683,880
1975	0	314,636	0	(2,455,461)	88,451	0	5,817,780
1976	0	326,967	0	(2,827,557)	139,279	0	8,211,705
1977	0	75,335	0	(3,734,462)	63,079	0	886,421
1978	0	89,383	0	(1,542,479)	176,153	0	7,272,153
1979	0	102,584	0	(2,776,030)	188,881	0	9,599,576
1980	0	236,768	0	(3,415,486)	168,458	0	10,419,251
1981	0	444,280	0	(2,834,322)	169,177	0	17,563,899
1982	0	539,245	(783,626)	(3,463,971)	168,390	0	13,477,272
1983	0	214,069	(1,488,439)	(6,649,718)	17,920	0	(7,452,864)
1984	0	484,239	(4,088,209)	(4,710,802)	112,679	0	(4,159,491)
1985	0	874,069	(5,930,176)	(15,698,638)	146,843	0	(9,861,182)
1986	0	1,269,590	(5,579,301)	(11,072,448)	297,886	0	11,622,736
1987	0	1,355,533	(6,445,265)	(11,726,458)	245,082	0	6,701,444
1988	0	1,515,349	(7,457,050)	(13,026,992)	214,519	0	6,239,207
1989	0	2,156,915	(8,822,367)	(15,535,849)	282,180	0	24,585,082
1990	0	2,913,030	(11,225,401)	(20,510,539)	416,832	0	48,154,174
1991	0	576,721	(3,882,595)	(6,579,194)	3,610	0	2,462,222
1992	0	829,862	(6,369,339)	(10,976,538)	101,665	0	(5,509,968)
1993	0	70,836	(4,665,393)	(9,531,404)	(111,306)	0	(24,907,973)
1994	0	1,503,796	(7,249,239)	(13,126,331)	206,086	(1,127)	13,499,083
1995	0	247,869	(1,934,202)	(4,049,615)	243,434	0	(142,957)
1996	0	895,929	(4,248,531)	(8,457,232)	296,170	0	15,870,542
1997	0	902,690	(4,824,488)	(8,776,260)	298,483	208,816	14,336,879
1998	0	(67,399)	(1,811,154)	(4,644,120)	(55,491)	(92,902)	(24,405,948)
1999	0	731,865	(5,831,573)	(9,811,777)	166,036	234,077	(3,417,317)
2000	0	1,317,745	(10,161,472)	(17,729,381)	230,343	381,037	(5,579,322)
2001	0	6,502,346	(7,918,467)	(13,370,061)	1,076,567	2,170,015	219,914,887
2002	0	4,246,409	(11,349,183)	(19,513,997)	547,531	1,344,783	94,808,314
2003	0	4,642,103	(10,436,535)	(17,134,431)	637,936	1,538,955	134,765,827
2004	7,290	5,682,375	(12,281,228)	(21,354,179)	675,724	1,804,179	149,713,081
2005	2,544	3,705,184	(7,106,531)	(13,339,416)	858,232	1,749,845	162,298,726
2006	18,268	2,749,517	(7,208,025)	(12,042,760)	864,560	1,537,230	129,478,951
2007	11,163	7,582,778	(11,444,524)	(21,845,299)	1,341,242	2,345,146	217,541,819
2008	7,432	4,769,303	(7,762,363)	(14,997,326)	1,166,751	1,732,340	131,822,259
2009	7,529	4,624,245	(6,997,502)	(15,725,766)	710,827	1,018,536	102,310,234
2010	19,507	3,835,825	(6,643,531)	(11,641,405)	939,644	1,507,260	155,953,509
2011	33,172	3,575,446	(5,996,974)	(10,892,193)	1,151,811	2,176,571	210,832,007
2012	49,815	5,698,695	(8,863,057)	(15,797,149)	1,075,414	2,072,310	187,437,409
2013	69,151	6,825,113	(9,189,037)	(15,851,695)	1,457,638	2,088,482	180,353,599
2014	51,910	4,813,249	(4,376,621)	(7,912,327)	1,670,311	2,535,765	129,802,055
2015	15,029	7,309,133	(6,599,051)	(11,183,098)	1,682,907	1,993,346	164,260,516
2016	83,645	6,112,414	(6,516,031)	(10,450,501)	1,120,409	2,867,075	271,995,458
2017	**96,640**	**9,954,440**	**(10,351,627)**	**(17,281,090)**	**1,128,424**	**3,682,158**	**304,171,367**
2018	96,927	8,737,353	(9,038,124)	(14,991,580)	1,151,349	3,762,171	298,455,313
2019	100,892	9,717,418	(9,454,247)	(15,262,028)	822,547	5,415,626	318,760,151
2020	101,794	9,928,701	(9,466,665)	(15,262,028)	841,590	5,543,717	313,719,693
2021	100,198	9,772,976	(9,465,833)	(15,262,028)	828,390	5,456,768	315,465,495
2022	101,465	9,896,558	(9,465,188)	(15,262,028)	838,865	5,525,770	316,388,912
2023	100,931	9,844,449	(9,442,478)	(15,262,028)	834,448	5,496,675	313,039,435
2024	101,325	9,882,904	(9,455,444)	(15,262,028)	837,708	5,518,147	314,163,493
2025	101,917	9,940,682	(9,454,612)	(15,262,028)	842,605	5,550,407	309,815,006
2026	100,034	9,756,976	(9,465,833)	(15,262,028)	827,034	5,447,834	316,781,270
2027	100,750	9,826,847	(9,465,833)	(15,262,028)	832,956	5,486,847	312,336,709
2028	101,140	9,864,846	(9,443,310)	(15,262,028)	836,177	5,508,064	313,825,845
2029	101,466	9,896,642	(9,444,196)	(15,262,028)	838,872	5,525,817	314,704,490
2030	101,849	9,934,024	(9,454,612)	(15,262,028)	842,041	5,546,690	310,437,679
2031	101,874	9,936,434	(9,454,612)	(15,262,028)	842,245	5,548,035	313,643,312
2032	100,112	9,764,621	(9,466,665)	(15,262,028)	827,682	5,452,103	319,104,509
2033	102,254	9,973,521	(9,465,188)	(15,262,028)	845,389	5,568,742	306,086,088
2034	100,781	9,829,825	(9,442,478)	(15,262,028)	833,209	5,488,510	315,915,989
2035	100,175	9,770,727	(9,444,196)	(15,262,028)	828,199	5,455,512	318,442,129
TOTAL	**2,288,978**	**289,185,598**	**(413,627,621)**	**(743,258,405)**	**38,671,103**	**132,191,333**	**8,734,712,092**

[a] Starting with 2005, transmission costs that vary and depend on power usage are included, therefore recovered through the variable component.

Tables B-4 through B-31

Note: Where applicable, the projected data values shown in this appendix are shaded and the bill year data are in **bold** type.

TABLE B-4 Maximum Contractual Table A Amounts (acre-feet)

Sheet 1 of 4

Calendar Year	NORTH BAY AREA			SOUTH BAY AREA[a]				CENTRAL COASTAL AREA		
	Napa[b]	Solano	Total	Alameda-Zone 7	Alameda County	Santa Clara	Total	San Luis Obispo	Santa Barbara	Total
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]
1962	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	507	5,248	5,783	11,538	0	0	0
1968	0	0	0	6,900	15,000	88,000	109,900	0	0	0
1969	0	0	0	8,200	15,500	75,000	98,700	0	0	0
1970	0	0	0	10,000	16,200	88,000	114,200	0	0	0
1971	0	0	0	11,200	17,000	88,000	116,200	0	0	0
1972	0	0	0	12,400	17,900	88,000	118,300	0	0	0
1973	0	0	0	13,600	18,800	88,000	120,400	0	0	0
1974	0	0	0	14,800	19,600	88,000	122,400	0	0	0
1975	0	0	0	16,000	20,500	88,000	124,500	0	0	0
1976	0	0	0	17,200	21,300	88,000	126,500	0	0	0
1977	0	0	0	18,400	22,200	88,000	128,600	0	0	0
1978	0	0	0	19,600	23,100	88,000	130,700	0	0	0
1979	0	0	0	20,800	23,900	88,000	132,700	0	0	0
1980	0	500	500	22,000	24,800	88,000	134,800	1,000	946	1,946
1981	0	650	650	23,000	26,000	88,000	137,000	1,000	1,813	2,813
1982	0	800	800	24,000	27,200	88,000	139,200	2,000	3,626	5,626
1983	0	950	950	25,000	28,400	88,000	141,400	3,000	5,439	8,439
1984	0	1,100	1,100	26,000	29,600	88,000	143,600	4,500	8,198	12,698
1985	0	1,250	1,250	27,000	30,800	88,000	145,800	7,500	13,638	21,138
1986	0	1,400	1,400	28,000	32,100	88,000	148,100	10,000	18,210	28,210
1987	0	1,550	1,550	29,000	33,300	88,000	150,300	12,500	22,704	35,204
1988	5,745	9,726	15,471	30,000	34,500	88,000	152,500	15,500	28,222	43,722
1989	6,195	18,420	24,615	31,000	35,700	90,000	156,700	20,000	36,342	56,342
1990	6,940	21,250	28,190	32,000	36,900	92,000	160,900	25,000	45,486	70,486
1991	7,290	22,300	29,590	34,000	38,400	94,000	166,400	25,000	45,486	70,486
1992	7,840	24,170	32,010	36,000	39,900	96,000	171,900	25,000	45,486	70,486
1993	8,490	26,130	34,620	38,000	41,400	98,000	177,400	25,000	45,486	70,486
1994	9,135	28,080	37,215	40,000	42,000	100,000	182,000	25,000	45,486	70,486
1995	9,780	34,250	44,030	42,000	42,000	100,000	184,000	25,000	45,486	70,486
1996	10,425	37,800	48,225	44,000	42,000	100,000	186,000	25,000	45,486	70,486
1997	11,065	38,250	49,315	46,000	42,000	100,000	188,000	6,215	38,986	45,201
1998	11,710	38,710	50,420	46,000	42,000	100,000	188,000	6,215	38,986	45,201
1999	15,850	39,170	55,020	46,000	42,000	100,000	188,000	25,000	45,486	70,486
2000	16,325	39,620	55,945	68,000	42,000	100,000	210,000	25,000	45,486	70,486
2001	20,725	45,836	66,561	78,000	42,000	100,000	220,000	25,000	45,486	70,486
2002	21,100	46,296	67,396	78,000	42,000	100,000	220,000	25,000	45,486	70,486
2003	21,475	46,756	68,231	78,400	42,000	100,000	220,400	25,000	45,486	70,486
2004	21,850	47,206	69,056	80,619	42,000	100,000	222,619	25,000	45,486	70,486
2005	22,225	47,256	69,481	80,619	42,000	100,000	222,619	25,000	45,486	70,486
2006	22,550	47,306	69,856	80,619	42,000	100,000	222,619	25,000	45,486	70,486
2007	22,875	47,356	70,231	80,619	42,000	100,000	222,619	25,000	45,486	70,486
2008	23,200	47,406	70,606	80,619	42,000	100,000	222,619	25,000	45,486	70,486
2009	23,525	47,456	70,981	80,619	42,000	100,000	222,619	25,000	45,486	70,486
2010	29,025	47,506	76,531	80,619	42,000	100,000	222,619	25,000	45,486	70,486
2011	29,025	47,556	76,581	80,619	42,000	100,000	222,619	25,000	45,486	70,486
2012	29,025	47,606	76,631	80,619	42,000	100,000	222,619	25,000	45,486	70,486
2013	29,025	47,656	76,681	80,619	42,000	100,000	222,619	25,000	45,486	70,486
2014	29,025	47,706	76,731	80,619	42,000	100,000	222,619	25,000	45,486	70,486
2015	29,025	47,756	76,781	80,619	42,000	100,000	222,619	25,000	45,486	70,486
2016	29,025	47,756	76,781	80,619	42,000	100,000	222,619	25,000	45,486	70,486
2017	**29,025**	**47,756**	**76,781**	**80,619**	**42,000**	**100,000**	**222,619**	**25,000**	**45,486**	**70,486**
2018	29,025	47,756	76,781	80,619	42,000	100,000	222,619	25,000	45,486	70,486
2019	29,025	47,756	76,781	80,619	42,000	100,000	222,619	25,000	45,486	70,486
2020	29,025	47,756	76,781	80,619	42,000	100,000	222,619	25,000	45,486	70,486
2021	29,025	47,756	76,781	80,619	42,000	100,000	222,619	25,000	45,486	70,486
2022	29,025	47,756	76,781	80,619	42,000	100,000	222,619	25,000	45,486	70,486
2023	29,025	47,756	76,781	80,619	42,000	100,000	222,619	25,000	45,486	70,486
2024	29,025	47,756	76,781	80,619	42,000	100,000	222,619	25,000	45,486	70,486
2025	29,025	47,756	76,781	80,619	42,000	100,000	222,619	25,000	45,486	70,486
2026	29,025	47,756	76,781	80,619	42,000	100,000	222,619	25,000	45,486	70,486
2027	29,025	47,756	76,781	80,619	42,000	100,000	222,619	25,000	45,486	70,486
2028	29,025	47,756	76,781	80,619	42,000	100,000	222,619	25,000	45,486	70,486
2029	29,025	47,756	76,781	80,619	42,000	100,000	222,619	25,000	45,486	70,486
2030	29,025	47,756	76,781	80,619	42,000	100,000	222,619	25,000	45,486	70,486
2031	29,025	47,756	76,781	80,619	42,000	100,000	222,619	25,000	45,486	70,486
2032	29,025	47,756	76,781	80,619	42,000	100,000	222,619	25,000	45,486	70,486
2033	29,025	47,756	76,781	80,619	42,000	100,000	222,619	25,000	45,486	70,486
2034	29,025	47,756	76,781	80,619	42,000	100,000	222,619	25,000	45,486	70,486
2035	29,025	47,756	76,781	80,619	42,000	100,000	222,619	25,000	45,486	70,486
TOTAL	**1,080,965**	**2,049,856**	**3,130,821**	**3,720,815**	**2,459,248**	**6,510,783**	**12,690,846**	**1,189,430**	**2,218,494**	**3,407,924**

[a] Table A amounts for the South Bay Area were supplied by non-project water for the period June 1962 through November 1967. Actual delivery quantities of project water are shown for 1967.

[b] Napa's Table A quantities exclude amounts during the period 1968 through 1987 that were supplied by non-project water.

TABLE B-4 Maximum Contractual Table A Amounts (acre-feet)

Calendar Year	SAN JOAQUIN VALLEY AREA								
			Kern						
	Dudley Ridge	Empire	Municipal and Industrial	Agricultural	Total	Kings	Oak Flat	Tulare	Total
	[11]	[12]	[13]	[14]	[15]	[16]	[17]	[18]	[19]
1962	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0
1968	14,300	1,000	0	46,600	46,600	900	2,300	12,250	77,350
1969	14,325	3,000	0	95,700	95,700	1,200	2,500	46,350	163,075
1970	15,700	3,000	28,700	116,400	145,100	1,300	2,600	34,300	202,000
1971	17,900	3,000	35,700	154,600	190,300	1,300	2,800	36,500	251,800
1972	20,000	3,000	39,200	231,500	270,700	1,400	5,366	112,600	413,066
1973	22,000	3,000	43,500	267,000	310,500	1,500	3,100	43,552	383,652
1974	33,390	3,000	48,000	299,000	347,000	1,500	3,471	72,289	460,650
1975	40,555	3,000	52,700	358,120	410,820	1,600	3,576	86,258	545,809
1976	30,921	3,000	56,100	386,050	442,150	1,600	4,039	61,707	543,417
1977	30,400	3,000	60,600	423,000	483,600	1,700	3,700	59,000	581,400
1978	32,500	0	64,100	470,200	534,300	1,900	3,900	63,300	635,900
1979	38,544	3,000	67,600	516,300	583,900	2,000	4,000	71,241	702,685
1980	41,000	3,000	71,100	563,400	634,500	2,200	5,700	71,700	758,100
1981	41,000	3,000	74,800	616,600	691,400	2,300	4,300	76,000	818,000
1982	41,000	3,000	79,600	665,700	745,300	2,500	4,500	80,200	876,500
1983	42,900	3,000	83,500	721,600	805,100	2,800	3,770	9,548	867,118
1984	45,100	3,000	103,600	757,000	860,600	3,100	4,800	62,611	979,211
1985	47,200	3,000	108,900	806,100	915,000	3,400	4,900	45,549	1,019,049
1986	49,300	3,000	113,400	820,246	933,646	3,700	5,100	97,200	1,091,946
1987	51,400	3,000	119,100	904,400	1,023,500	4,000	5,200	101,400	1,188,500
1988	53,500	3,000	123,900	950,700	1,074,600	4,000	5,400	105,600	1,246,100
1989	55,600	3,000	128,200	984,100	1,112,300	4,000	5,600	109,900	1,290,400
1990	28,850	3,000	134,600	1,018,800	1,153,400	4,000	5,700	118,500	1,313,450
1991	53,411	3,000	134,600	1,018,800	1,153,400	4,000	5,700	118,500	1,338,011
1992	57,700	3,000	134,600	1,018,800	1,153,400	4,000	5,700	118,500	1,342,300
1993	57,700	3,000	134,600	1,018,800	1,153,400	4,000	5,700	118,500	1,342,300
1994	57,700	3,000	134,600	1,018,800	1,153,400	4,000	5,700	118,500	1,342,300
1995	57,700	3,000	134,600	1,018,800	1,153,400	4,000	5,700	118,500	1,342,300
1996	53,370	3,000	134,600	982,460	1,117,060	4,000	5,700	118,500	1,301,630
1997	53,370	3,000	134,600	978,130	1,112,730	4,000	5,700	118,500	1,297,300
1998	53,370	3,000	134,600	953,130	1,087,730	4,000	5,700	118,500	1,272,300
1999	53,370	3,000	134,600	953,130	1,087,730	4,000	5,700	118,500	1,272,300
2000	53,370	3,000	134,600	886,130	1,020,730	4,000	5,700	118,500	1,205,300
2001	53,370	3,000	134,600	866,349	1,000,949	4,000	5,700	118,500	1,185,519
2002	57,343	3,000	134,600	866,349	1,000,949	4,000	5,700	111,527	1,182,519
2003	57,343	3,000	134,600	866,349	1,000,949	4,000	5,700	111,127	1,182,119
2004	57,343	3,000	134,600	864,130	998,730	9,000	5,700	96,227	1,170,000
2005	57,343	3,000	134,600	864,130	998,730	9,000	5,700	96,227	1,170,000
2006	57,343	3,000	134,600	864,130	998,730	9,305	5,700	95,922	1,170,000
2007	57,343	3,000	134,600	864,130	998,730	9,305	5,700	95,922	1,170,000
2008	57,343	3,000	134,600	864,130	998,730	9,305	5,700	95,922	1,170,000
2009	57,343	3,000	134,600	864,130	998,730	9,305	5,700	95,922	1,170,000
2010	50,343	3,000	134,600	848,130	982,730	9,305	5,700	88,922	1,140,000
2011	50,343	3,000	134,600	848,130	982,730	9,305	5,700	88,922	1,140,000
2012	50,343	3,000	134,600	848,130	982,730	9,305	5,700	88,922	1,140,000
2013	50,343	3,000	134,600	848,130	982,730	9,305	5,700	88,922	1,140,000
2014	48,350	3,000	134,600	848,130	982,730	9,305	5,700	87,471	1,136,556
2015	45,350	3,000	134,600	848,130	982,730	9,305	5,700	87,471	1,133,556
2016	45,350	3,000	134,600	848,130	982,730	9,305	5,700	87,471	1,133,556
2017	**45,350**	**3,000**	**134,600**	**848,130**	**982,730**	**9,305**	**5,700**	**87,471**	**1,133,556**
2018	45,350	3,000	134,600	848,130	982,730	9,305	5,700	87,471	1,133,556
2019	45,350	3,000	134,600	848,130	982,730	9,305	5,700	87,471	1,133,556
2020	41,350	3,000	134,600	848,130	982,730	9,305	5,700	87,471	1,129,556
2021	41,350	3,000	134,600	848,130	982,730	9,305	5,700	87,471	1,129,556
2022	41,350	3,000	134,600	848,130	982,730	9,305	5,700	87,471	1,129,556
2023	41,350	3,000	134,600	848,130	982,730	9,305	5,700	87,471	1,129,556
2024	41,350	3,000	134,600	848,130	982,730	9,305	5,700	87,471	1,129,556
2025	41,350	3,000	134,600	848,130	982,730	9,305	5,700	87,471	1,129,556
2026	41,350	3,000	134,600	848,130	982,730	9,305	5,700	87,471	1,129,556
2027	41,350	3,000	134,600	848,130	982,730	9,305	5,700	87,471	1,129,556
2028	41,350	3,000	134,600	848,130	982,730	9,305	5,700	87,471	1,129,556
2029	41,350	3,000	134,600	848,130	982,730	9,305	5,700	87,471	1,129,556
2030	41,350	3,000	134,600	848,130	982,730	9,305	5,700	87,471	1,129,556
2031	41,350	3,000	134,600	848,130	982,730	9,305	5,700	87,471	1,129,556
2032	41,350	3,000	134,600	848,130	982,730	9,305	5,700	87,471	1,129,556
2033	41,350	3,000	134,600	848,130	982,730	9,305	5,700	87,471	1,129,556
2034	41,350	3,000	134,600	848,130	982,730	9,305	5,700	87,471	1,129,556
2035	41,350	3,000	134,600	848,130	982,730	9,305	5,700	87,471	1,129,556
TOTAL	**3,008,632**	**199,000**	**7,693,900**	**51,855,303**	**59,549,203**	**403,050**	**352,822**	**5,959,901**	**69,472,608**

TABLE B-4 Maximum Contractual Table A Amounts (acre-feet)

Sheet 3 of 4

Calendar Year	SOUTHERN CALIFORNIA AREA									
	AVEK	Castaic Lake	Coachella	Crestline	Desert	Littlerock	Mojave	Palmdale	San Bernardino	San Gabriel
	[20]	[21]	[22]	[23]	[24]	[25]	[26]	[27]	[28]	[29]
1962	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0
1968	0	3,700	0	0	0	0	0	0	0	0
1969	0	5,000	0	0	0	0	0	0	0	0
1970	0	5,700	0	0	0	0	0	0	0	0
1971	0	6,700	0	0	0	0	0	0	0	0
1972	20,000	8,936	5,200	526	8,000	170	8,400	1,620	1,677	122
1973	25,000	12,400	5,800	870	9,000	290	10,700	2,940	48,000	11,500
1974	30,000	15,400	6,400	1,160	10,000	400	13,100	4,260	50,000	12,300
1975	35,000	18,200	7,000	1,450	11,000	520	15,400	5,580	52,500	13,100
1976	44,000	21,200	7,600	1,740	12,000	640	17,800	6,900	55,000	14,000
1977	50,000	24,100	8,421	2,030	13,000	730	20,200	8,220	57,500	14,800
1978	57,000	24,762	9,242	2,320	14,000	920	0	9,340	60,000	15,700
1979	63,000	28,000	10,063	2,610	15,000	1,040	24,900	10,260	62,500	16,600
1980	69,200	30,400	10,884	2,900	17,000	1,150	27,200	11,180	65,500	17,400
1981	75,000	32,800	12,105	3,190	19,000	1,270	23,100	11,700	68,500	18,300
1982	81,300	34,800	13,326	3,480	21,000	1,380	22,843	12,320	71,500	19,100
1983	87,700	37,300	14,547	3,770	23,000	1,500	34,300	12,940	74,500	19,900
1984	35,000	39,600	15,768	4,060	25,000	1,610	36,700	13,560	78,000	20,700
1985	40,000	41,800	16,989	4,350	27,000	1,730	39,000	14,180	81,500	21,800
1986	42,000	43,600	18,210	4,640	29,000	1,840	41,400	14,800	85,000	23,200
1987	44,000	45,600	19,431	4,930	31,500	1,960	43,700	15,420	89,000	24,600
1988	46,000	48,000	20,652	5,220	34,000	2,070	46,000	16,040	93,000	26,000
1989	125,700	50,100	21,873	5,510	36,500	2,190	48,500	16,660	97,000	27,400
1990	132,100	52,000	23,100	5,800	38,100	2,300	50,800	17,300	101,500	28,800
1991	138,400	54,200	23,100	5,800	38,100	2,300	50,800	17,300	102,600	28,800
1992	138,400	54,200	23,100	5,800	38,100	2,300	50,800	17,300	102,600	28,800
1993	138,400	54,200	23,100	5,800	38,100	2,300	50,800	17,300	102,600	28,800
1994	138,400	54,200	23,100	5,800	38,100	2,300	50,800	17,300	102,600	28,800
1995	138,400	54,200	23,100	5,800	38,100	2,300	50,800	17,300	102,600	28,800
1996	138,400	54,200	23,100	5,800	38,100	2,300	50,800	17,300	102,600	28,800
1997	138,400	54,200	23,100	5,800	38,100	2,300	50,800	17,300	102,600	28,800
1998	138,400	54,200	23,100	5,800	38,100	2,300	75,800	17,300	102,600	28,800
1999	138,400	54,200	23,100	5,800	38,100	2,300	75,800	17,300	102,600	28,800
2000	138,400	95,200	23,100	5,800	38,100	2,300	75,800	21,300	102,600	28,800
2001	138,400	95,200	23,100	5,800	38,100	2,300	75,800	21,300	102,600	28,800
2002	141,400	95,200	23,100	5,800	38,100	2,300	75,800	21,300	102,600	28,800
2003	141,400	95,200	23,100	5,800	38,100	2,300	75,800	21,300	102,600	28,800
2004	141,400	95,200	33,000	5,800	38,100	2,300	75,800	21,300	102,600	28,800
2005	141,400	95,200	121,100	5,800	50,000	2,300	75,800	21,300	102,600	28,800
2006	141,400	95,200	121,100	5,800	50,000	2,300	75,800	21,300	102,600	28,800
2007	141,400	95,200	121,100	5,800	50,000	2,300	75,800	21,300	102,600	28,800
2008	141,400	95,200	121,100	5,800	50,000	2,300	75,800	21,300	102,600	28,800
2009	141,400	95,200	121,100	5,800	50,000	2,300	75,800	21,300	102,600	28,800
2010	141,400	95,200	138,350	5,800	55,750	2,300	82,800	21,300	102,600	28,800
2011	141,400	95,200	138,350	5,800	55,750	2,300	82,800	21,300	102,600	28,800
2012	141,400	95,200	138,350	5,800	55,750	2,300	82,800	21,300	102,600	28,800
2013	141,400	95,200	138,350	5,800	55,750	2,300	82,800	21,300	102,600	28,800
2014	144,844	95,200	138,350	5,800	55,750	2,300	82,800	21,300	102,600	28,800
2015	144,844	95,200	138,350	5,800	55,750	2,300	85,800	21,300	102,600	28,800
2016	144,844	95,200	138,350	5,800	55,750	2,300	85,800	21,300	102,600	28,800
2017	**144,844**	**95,200**	**138,350**	**5,800**	**55,750**	**2,300**	**85,800**	**21,300**	**102,600**	**28,800**
2018	144,844	95,200	138,350	5,800	55,750	2,300	85,800	21,300	102,600	28,800
2019	144,844	95,200	138,350	5,800	55,750	2,300	85,800	21,300	102,600	28,800
2020	144,844	95,200	138,350	5,800	55,750	2,300	89,800	21,300	102,600	28,800
2021	144,844	95,200	138,350	5,800	55,750	2,300	89,800	21,300	102,600	28,800
2022	144,844	95,200	138,350	5,800	55,750	2,300	89,800	21,300	102,600	28,800
2023	144,844	95,200	138,350	5,800	55,750	2,300	89,800	21,300	102,600	28,800
2024	144,844	95,200	138,350	5,800	55,750	2,300	89,800	21,300	102,600	28,800
2025	144,844	95,200	138,350	5,800	55,750	2,300	89,800	21,300	102,600	28,800
2026	144,844	95,200	138,350	5,800	55,750	2,300	89,800	21,300	102,600	28,800
2027	144,844	95,200	138,350	5,800	55,750	2,300	89,800	21,300	102,600	28,800
2028	144,844	95,200	138,350	5,800	55,750	2,300	89,800	21,300	102,600	28,800
2029	144,844	95,200	138,350	5,800	55,750	2,300	89,800	21,300	102,600	28,800
2030	144,844	95,200	138,350	5,800	55,750	2,300	89,800	21,300	102,600	28,800
2031	144,844	95,200	138,350	5,800	55,750	2,300	89,800	21,300	102,600	28,800
2032	144,844	95,200	138,350	5,800	55,750	2,300	89,800	21,300	102,600	28,800
2033	144,844	95,200	138,350	5,800	55,750	2,300	89,800	21,300	102,600	28,800
2034	144,844	95,200	138,350	5,800	55,750	2,300	89,800	21,300	102,600	28,800
2035	144,844	95,200	138,350	5,800	55,750	2,300	89,800	21,300	102,600	28,800
TOTAL	**7,507,768**	**4,545,098**	**4,782,511**	**321,556**	**2,626,000**	**127,210**	**4,069,043**	**1,127,720**	**5,909,177**	**1,641,322**

TABLE B-4 Maximum Contractual Table A Amounts (acre-feet)

Calendar Year	SOUTHERN CALIFORNIA AREA (continued)				FEATHER RIVER AREA				South Bay Area Future Contractor	Grand Total
	San Gorgonio	Metropolitan	Ventura	Total	Yuba City	Butte	Plumas	Total		
	[30]	[31]	[32]	[33]	[34]	[35]	[36]	[37]	[38]	[39]
1962	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	11,538
1968	0	0	0	3,700	0	300	250	550	0	191,500
1969	0	0	0	5,000	0	350	270	620	0	267,395
1970	0	0	0	5,700	0	400	300	700	0	322,600
1971	0	0	0	6,700	0	450	440	890	0	375,590
1972	0	154,772	0	209,423	0	500	470	970	0	741,759
1973	0	354,600	0	481,100	0	600	500	1,100	0	986,252
1974	0	454,900	0	597,920	0	700	530	1,230	0	1,182,200
1975	0	555,200	0	714,950	0	1,050	560	1,610	0	1,386,869
1976	0	655,600	0	836,480	0	1,400	590	1,990	0	1,508,387
1977	0	755,900	0	954,901	0	1,800	620	2,420	0	1,667,321
1978	0	856,300	0	1,049,584	0	1,200	650	1,850	0	1,818,034
1979	0	956,600	0	1,190,573	0	1,450	680	2,130	0	2,028,088
1980	6,800	1,057,000	1,000	1,317,614	0	1,100	710	1,810	0	2,214,770
1981	7,800	1,157,300	2,000	1,432,065	0	1,200	740	1,940	0	2,392,468
1982	8,800	1,257,600	3,000	1,550,449	0	1,200	770	1,970	0	2,574,545
1983	9,800	1,358,000	4,000	1,681,257	0	1,200	800	2,000	0	2,701,164
1984	10,800	1,458,300	5,000	1,744,098	1,600	1,200	830	3,630	0	2,884,337
1985	11,800	1,558,700	6,000	1,864,849	1,700	1,200	860	3,760	0	3,055,846
1986	12,900	1,659,300	8,000	1,983,890	2,100	1,200	890	4,190	0	3,257,736
1987	14,000	1,759,800	10,000	2,103,941	2,500	1,200	920	4,620	0	3,484,115
1988	15,100	1,860,400	13,000	2,225,482	2,900	1,200	960	5,060	0	3,688,335
1989	16,200	1,961,000	16,000	2,424,633	3,300	1,200	1,000	5,500	0	3,958,190
1990	17,300	2,011,500	20,000	2,500,600	3,800	1,200	1,040	6,040	0	4,079,666
1991	17,300	2,011,500	20,000	2,510,200	9,600	1,200	1,080	11,880	0	4,126,567
1992	17,300	2,011,500	20,000	2,510,200	9,600	1,200	1,120	11,920	0	4,138,816
1993	17,300	2,011,500	20,000	2,510,200	9,600	1,200	1,160	11,960	0	4,146,966
1994	17,300	2,011,500	20,000	2,510,200	9,600	1,200	1,200	12,000	0	4,154,201
1995	17,300	2,011,500	20,000	2,510,200	9,600	1,200	1,250	12,050	0	4,163,066
1996	0	2,011,500	20,000	2,492,900	9,600	1,200	1,300	12,100	0	4,111,341
1997	0	2,011,500	20,000	2,492,900	9,600	1,200	1,350	12,150	0	4,084,866
1998	0	2,011,500	20,000	2,517,900	9,600	1,200	1,400	12,200	0	4,086,021
1999	2,000	2,011,500	20,000	2,519,900	9,600	2,890	1,450	13,940	0	4,119,646
2000	3,000	2,011,500	20,000	2,565,900	9,600	2,890	1,510	14,000	0	4,121,631
2001	4,000	2,011,500	20,000	2,566,900	9,600	3,500	1,570	14,670	0	4,124,136
2002	4,000	2,011,500	20,000	2,569,900	9,600	3,500	1,630	14,730	0	4,125,031
2003	5,000	2,011,500	20,000	2,570,900	9,600	3,500	1,690	14,790	0	4,126,926
2004	6,000	2,011,500	20,000	2,581,800	9,600	3,500	0	13,100	0	4,127,061
2005	6,500	1,911,500	20,000	2,582,300	9,600	1,200	0	10,800	0	4,125,686
2006	7,000	1,911,500	20,000	2,582,800	9,600	1,200	324	11,124	0	4,126,885
2007	8,650	1,911,500	20,000	2,584,450	9,600	1,200	720	11,520	0	4,129,306
2008	17,300	1,911,500	20,000	2,593,100	9,600	27,500	2,020	39,120	0	4,165,931
2009	17,300	1,911,500	20,000	2,593,100	9,600	27,500	2,090	39,190	0	4,166,376
2010	17,300	1,911,500	20,000	2,623,100	9,600	1,731	2,160	13,491	0	4,146,227
2011	17,300	1,911,500	20,000	2,623,100	9,600	2,548	2,240	14,388	0	4,147,174
2012	17,300	1,911,500	20,000	2,623,100	9,600	27,500	2,320	39,420	0	4,172,256
2013	17,300	1,911,500	20,000	2,623,100	9,600	27,500	2,410	39,510	0	4,172,396
2014	17,300	1,911,500	20,000	2,626,544	9,600	27,500	2,500	39,600	0	4,172,536
2015	17,300	1,911,500	20,000	2,629,544	9,600	27,500	2,600	39,700	0	4,172,686
2016	17,300	1,911,500	20,000	2,629,544	9,600	27,500	2,700	39,800	0	4,172,786
2017	**17,300**	**1,911,500**	**20,000**	**2,629,544**	**9,600**	**27,500**	**2,700**	**39,800**	**0**	**4,172,786**
2018	17,300	1,911,500	20,000	2,629,544	9,600	27,500	2,700	39,800	0	4,172,786
2019	17,300	1,911,500	20,000	2,629,544	9,600	27,500	2,700	39,800	0	4,172,786
2020	17,300	1,911,500	20,000	2,633,544	9,600	27,500	2,700	39,800	0	4,172,786
2021	17,300	1,911,500	20,000	2,633,544	9,600	27,500	2,700	39,800	0	4,172,786
2022	17,300	1,911,500	20,000	2,633,544	9,600	27,500	2,700	39,800	0	4,172,786
2023	17,300	1,911,500	20,000	2,633,544	9,600	27,500	2,700	39,800	0	4,172,786
2024	17,300	1,911,500	20,000	2,633,544	9,600	27,500	2,700	39,800	0	4,172,786
2025	17,300	1,911,500	20,000	2,633,544	9,600	27,500	2,700	39,800	0	4,172,786
2026	17,300	1,911,500	20,000	2,633,544	9,600	27,500	2,700	39,800	0	4,172,786
2027	17,300	1,911,500	20,000	2,633,544	9,600	27,500	2,700	39,800	0	4,172,786
2028	17,300	1,911,500	20,000	2,633,544	9,600	27,500	2,700	39,800	0	4,172,786
2029	17,300	1,911,500	20,000	2,633,544	9,600	27,500	2,700	39,800	0	4,172,786
2030	17,300	1,911,500	20,000	2,633,544	9,600	27,500	2,700	39,800	0	4,172,786
2031	17,300	1,911,500	20,000	2,633,544	9,600	27,500	2,700	39,800	0	4,172,786
2032	17,300	1,911,500	20,000	2,633,544	9,600	27,500	2,700	39,800	0	4,172,786
2033	17,300	1,911,500	20,000	2,633,544	9,600	27,500	2,700	39,800	0	4,172,786
2034	17,300	1,911,500	20,000	2,633,544	9,600	27,500	2,700	39,800	0	4,172,786
2035	17,300	1,911,500	20,000	2,633,544	9,600	27,500	2,700	39,800	0	4,172,786
TOTAL	**748,350**	**109,260,272**	**988,000**	**143,654,027**	**449,900**	**775,559**	**106,474**	**1,331,933**	**0**	**233,688,159**

TABLE B-5A Annual Water Quantities Delivered from Each Aqueduct Reach to Each Contractor (acre-feet)

Calendar Year	UPPER FEATHER AREA			NORTH BAY AQUEDUCT							
				Reach 1	Reach 3A		Reach 3A-T		Reach 3B		
	Butte	Grizzly Valley Pipeline Plumas	Yuba City	Solano	Napa	Solano	Napa	Solano	Napa[a]	Solano	Total
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]	[11]
1962	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	1,214	0	1,214
1969	0	0	0	0	0	0	0	0	2,687	0	2,687
1970	0	70	0	0	0	0	0	0	3,618	0	3,618
1971	192	64	0	0	0	0	0	0	2,521	0	2,521
1972	186	505	0	0	0	0	0	0	3,647	0	3,647
1973	53	679	0	0	0	0	0	0	3,792	0	3,792
1974	127	648	0	0	0	0	0	0	4,870	0	4,870
1975	253	405	0	0	0	0	0	0	6,840	0	6,840
1976	527	382	0	0	0	0	0	0	7,122	0	7,122
1977	706	303	0	0	0	0	0	0	8,226	0	8,226
1978	579	278	0	0	0	0	0	0	6,034	0	6,034
1979	302	329	0	0	0	0	0	0	6,561	0	6,561
1980	267	295	0	0	0	0	0	0	6,707	0	6,707
1981	221	355	0	0	0	0	0	0	9,001	0	9,001
1982	334	305	0	0	0	0	0	0	1,213	0	1,213
1983	325	262	0	0	0	0	0	0	2,287	0	2,287
1984	177	272	108	0	0	0	0	0	2,923	0	2,923
1985	308	254	62	0	0	0	0	0	4,039	0	4,039
1986	313	317	328	1,400	0	0	0	0	3,519	0	4,919
1987	459	452	88	1,550	0	0	0	0	7,693	0	9,243
1988	385	523	303	1	0	9,725	0	0	5,392	0	15,118
1989	300	486	403	10	0	17,246	0	0	6,195	0	23,451
1990	380	548	494	3,275	0	15,856	0	0	6,940	0	26,071
1991	328	420	265	3,117	0	3,855	0	0	1,380	0	8,352
1992	117	485	642	5,553	0	9,220	0	0	4,001	0	18,774
1993	256	444	746	14,709	0	14,471	0	0	5,286	0	34,466
1994	329	492	1,035	10,343	0	14,913	0	0	6,792	0	32,048
1995	203	308	910	5,452	0	15,893	0	0	5,182	0	26,527
1996	257	360	820	12,930	0	17,069	0	0	4,893	0	34,892
1997	185	231	1,005	16,029	0	17,501	0	0	4,341	0	37,871
1998	527	0	1,054	11,562	0	18,204	0	0	5,359	0	35,125
1999	286	0	1,096	15,191	0	19,562	0	0	5,304	0	40,057
2000	586	0	901	15,490	0	11,290	0	10,235	4,958	0	41,973
2001	513	0	1,065	14,849	0	11,377	0	8,360	9,345	0	43,931
2002	419	0	1,181	18,841	0	11,130	0	8,589	6,875	0	45,435
2003	551	0	1,324	17,260	0	9,682	9	7,009	7,637	0	41,597
2004	1,440	0	1,434	20,951	0	10,691	135	10,860	7,999	500	51,136
2005	527	0	1,894	18,290	0	10,585	160	8,444	7,509	500	45,488
2006	468	0	5,342	16,573	0	10,865	208	7,578	7,581	500	43,305
2007	956	0	2,327	19,187	0	12,301	180	15,312	10,777	500	58,257
2008	451	243	1,923	21,436	15	11,410	37	7,974	13,240	500	54,612
2009	581	200	2,114	15,004	0	8,651	27	6,795	10,877	500	41,854
2010	807	243	2,331	17,598	0	8,231	70	4,487	12,347	500	43,233
2011	1,092	98	2,297	15,202	0	7,761	39	5,032	11,275	0	39,309
2012	1,374	79	2,695	16,508	0	8,298	47	4,541	9,860	0	39,254
2013	908	366	4,850	16,525	0	10,082	60	9,262	12,478	0	48,407
2014	1,617	251	4,237	7,354	0	6,856	41	5,469	14,123	0	33,843
2015	2,763	730	3,004	8,581	0	6,538	66	8,717	11,133	0	35,035
2016	3,141	625	3,649	13,708	1	9,317	16	8,701	13,231	500	45,474
2017	**270**	**730**	**5,760**	**20,762**	**0**	**6,708**	**0**	**1,185**	**17,415**	**0**	**46,070**
2018	270	730	5,760	20,762	0	6,708	0	1,185	17,415	0	46,070
2019	270	730	5,760	20,761	0	6,708	0	1,185	17,415	0	46,069
2020	270	1,619	5,760	20,761	0	6,708	0	1,185	17,415	0	46,069
2021	270	1,619	5,760	20,761	0	6,708	0	1,185	17,415	0	46,069
2022	270	1,619	5,760	20,761	0	6,708	0	1,185	17,415	0	46,069
2023	270	1,619	5,760	20,761	0	6,708	0	1,185	17,415	0	46,069
2024	270	1,619	5,760	20,761	0	6,708	0	1,185	17,415	0	46,069
2025	270	1,619	5,760	20,761	0	6,708	0	1,185	17,415	0	46,069
2026	270	1,619	5,760	20,761	0	6,708	0	1,185	17,415	0	46,069
2027	270	1,619	5,760	20,761	0	6,708	0	1,185	17,415	0	46,069
2028	270	1,619	5,760	20,761	0	6,708	0	1,185	17,415	0	46,069
2029	270	1,619	5,760	20,761	0	6,708	0	1,185	17,415	0	46,069
2030	270	1,619	5,760	20,761	0	6,708	0	1,185	17,415	0	46,069
2031	270	1,619	5,760	20,761	0	6,708	0	1,185	17,415	0	46,069
2032	270	1,619	5,760	20,761	0	6,708	0	1,185	17,415	0	46,069
2033	270	1,619	5,760	20,761	0	6,708	0	1,185	17,415	0	46,069
2034	270	1,619	5,760	20,761	0	6,708	0	1,185	17,415	0	46,069
2035	270	1,619	5,760	20,761	0	6,708	0	1,185	17,415	0	46,069
TOTAL	**32,206**	**41,401**	**161,367**	**768,940**	**16**	**466,032**	**1,095**	**159,880**	**657,709**	**4,000**	**2,057,672**

[a] For the period 1968 through 1987, deliveries were non-project water pumped through an interim facility.

TABLE B-5A Annual Water Quantities Delivered from Each Aqueduct Reach to Each Contractor (acre-feet)

	SOUTH BAY AQUEDUCT[b]										
	Reach 1		Reach 2	Reach 4	Reach 5		Reach 6	Reach 7	Reach 8	Reach 9	
Calendar Year	Alameda-Zone 7	Alameda County	Alameda-Zone 7	Alameda-Zone 7	Alameda-Zone 7	Alameda County	Alameda-Zone 7	Alameda County	Alameda County	Santa Clara	Total
	[12]	[13]	[14]	[15]	[16]	[17]	[18]	[19]	[20]	[21]	[22]
1962	141	8,412	353	0	0	0	0	0	0	0	8,906
1963	814	10,914	917	0	0	0	0	0	0	0	12,645
1964	248	19,238	1,425	0	0	0	0	0	0	0	20,911
1965	637	15,280	1,830	138	0	0	0	1,127	0	15,014	34,026
1966	2,475	0	2,537	499	0	0	0	14,864	0	34,538	54,913
1967	1,527	0	2,391	862	0	0	0	12,882	0	39,101	56,763
1968	1,608	0	3,799	721	5	0	0	24,817	0	70,105	101,055
1969	1,165	0	3,459	1,851	160	0	0	813	0	62,264	69,712
1970	1,345	0	4,558	3,182	164	0	0	0	0	80,311	89,560
1971	546	0	1,908	2,403	160	0	0	5,961	0	87,606	98,584
1972	1,066	0	4,605	2,041	2,777	1,489	0	26,182	0	100,266	138,426
1973	430	0	1,123	1,193	229	0	0	2,521	0	88,582	94,078
1974	177	0	0	975	162	0	0	0	4	88,000	89,318
1975	137	0	1,783	1,864	120	0	714	393	593	88,000	93,604
1976	265	0	7,204	3,384	817	0	5,461	13,774	7,526	88,000	126,431
1977	210	0	4,491	2,213	524	0	5,206	11,284	7,556	76,220	107,704
1978	422	0	2,426	3,754	2,034	0	2,348	854	5,009	95,727	112,574
1979	197	0	4,283	5,567	3,937	0	5,341	3,430	7,444	91,991	122,190
1980	77	0	3,883	6,686	0	1,508	6,144	2,824	6,702	88,000	115,824
1981	1,250	0	4,648	5,273	1,157	5,752	7,262	7,595	8,570	88,000	129,507
1982	473	0	3,043	4,406	630	0	4,571	1,776	4,540	88,000	107,439
1983	179	0	2,712	1,714	50	0	111	0	3,157	86,733	94,656
1984	165	0	4,219	2,219	55	0	126	0	3,338	88,000	98,122
1985	213	0	5,199	2,060	63	0	7,537	11,203	7,813	88,000	122,088
1986	200	0	6,052	2,062	212	0	2,083	5,311	7,068	88,000	110,988
1987	218	0	7,538	2,372	285	0	12,993	15,488	9,902	88,000	136,796
1988	222	0	8,302	4,681	189	0	12,436	24,259	9,205	87,961	147,255
1989	222	0	8,051	6,562	418	0	10,974	17,340	8,702	90,000	142,269
1990	256	0	8,160	8,347	593	0	15,678	22,149	9,554	91,800	156,537
1991	162	0	3,676	3,269	359	0	1,945	9,155	3,493	28,200	50,259
1992	217	0	5,177	2,188	154	0	6,933	12,621	6,532	42,839	76,661
1993	190	0	5,843	8,430	5,964	1,650	13,208	1,792	6,829	62,065	105,971
1994	132	0	4,482	5,427	822	0	9,679	3,379	19,532	57,115	100,568
1995	278	0	6,236	7,195	955	0	15,427	21	17,772	28,756	76,640
1996	277	0	6,151	5,119	388	0	6,968	1,871	11,591	44,850	77,215
1997	138	0	6,647	6,501	1,582	1,323	12,654	1,876	10,864	60,601	102,186
1998	106	0	3,748	2,493	1,277	0	8,347	3,817	11,478	39,610	70,876
1999	148	0	5,048	8,227	1,444	0	13,133	5,326	16,226	52,945	102,497
2000	110	0	7,464	9,761	946	0	16,396	4,498	18,100	78,258	135,533
2001	105	0	7,822	4,879	3,010	0	13,593	0	18,004	47,922	95,335
2002	93	0	7,758	11,619	2,446	0	17,058	5,112	20,616	58,875	123,577
2003	108	0	7,916	11,348	2,887	0	16,684	5,037	12,753	75,981	132,714
2004	72	0	11,754	9,737	3,763	0	21,260	4,968	14,916	59,458	125,928
2005	1,430	0	11,520	10,100	1,826	0	16,597	4,139	10,160	52,364	108,136
2006	830	0	11,546	4,097	2,123	0	19,870	2,708	12,924	64,174	118,272
2007	179	0	10,066	2,563	3,107	0	23,205	8,255	15,107	71,690	134,172
2008	238	0	11,424	2,206	1,899	0	25,363	4,421	18,481	52,530	116,562
2009	211	0	7,054	5,437	1,987	0	16,398	2,551	16,945	66,364	116,947
2010	160	0	7,788	7,528	1,824	0	17,043	330	15,241	45,888	95,802
2011	1,541	0	6,282	6,887	2,173	0	20,098	7	15,203	60,761	112,952
2012	262	0	7,598	9,987	2,972	0	14,112	0	13,331	63,794	112,056
2013	237	0	11,253	9,998	3,171	0	20,197	31	23,609	78,623	147,119
2014	206	0	7,517	4,321	975	0	15,469	8,989	13,669	39,970	91,116
2015	182	0	6,136	3,640	4,594	0	15,532	6,389	14,838	65,773	117,084
2016	228	0	5,926	9,121	3,264	0	19,026	1,221	4,085	67,652	110,523
2017	**0**	**0**	**9,340**	**8,520**	**1,660**	**0**	**28,851**	**0**	**11,112**	**60,000**	**119,483**
2018	0	0	5,580	4,910	1,660	0	36,221	0	11,304	62,502	122,177
2019	0	0	5,800	4,910	1,660	0	36,001	0	11,784	60,000	120,155
2020	0	0	6,010	4,910	1,660	0	35,791	0	12,264	60,000	120,635
2021	0	0	6,010	4,910	1,660	0	35,791	0	12,264	60,000	120,635
2022	0	0	6,010	4,910	1,660	0	35,791	0	12,264	60,000	120,635
2023	0	0	6,010	4,910	1,660	0	35,791	0	12,264	60,000	120,635
2024	0	0	6,010	4,910	1,660	0	35,791	0	12,264	60,000	120,635
2025	0	0	6,010	4,910	1,660	0	35,791	0	12,264	60,000	120,635
2026	0	0	6,010	4,910	1,660	0	35,791	0	12,264	60,000	120,635
2027	0	0	6,010	4,910	1,660	0	35,791	0	12,264	60,000	120,635
2028	0	0	6,010	4,910	1,660	0	35,791	0	12,264	60,000	120,635
2029	0	0	6,010	4,910	1,660	0	35,791	0	12,264	60,000	120,635
2030	0	0	6,010	4,910	1,660	0	35,791	0	12,264	60,000	120,635
2031	0	0	6,010	4,910	1,660	0	35,791	0	12,264	60,000	120,635
2032	0	0	6,010	4,910	1,660	0	35,791	0	12,264	60,000	120,635
2033	0	0	6,010	4,910	1,660	0	35,791	0	12,264	60,000	120,635
2034	0	0	6,010	4,910	1,660	0	35,791	0	12,264	60,000	120,635
2035	0	0	6,010	4,910	1,660	0	35,791	0	12,264	60,000	120,635
TOTAL	**24,725**	**53,844**	**421,611**	**346,007**	**102,193**	**11,722**	**1,168,909**	**325,361**	**699,406**	**4,687,779**	**7,841,557**

[b] For the period June 1962 through November 1967, deliveries were supplied by non-project water.

TABLE B-5A Annual Water Quantities Delivered from Each Aqueduct Reach to Each Contractor (acre-feet)

	CALIFORNIA AQUEDUCT											
	NORTH SAN JOAQUIN DIVISION						SAN LUIS DIVISION					
	Reach 1	Reach 2A					Reach 3		Reach 3A			
Calendar Year	Kern (Agricultural)	Alameda-Zone 7	Kern (Agricultural)	Oak Flat[c]	Santa Clara	Tulare	Dudley Ridge	Metropolitan	Alameda-Zone 7	Alameda County	AVEK	Castaic Lake
	[23]	[24]	[25]	[26]	[27]	[28]	[29]	[30]	[31]	[32]	[33]	[34]
1962	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	3,084	0	0	0	0	0	0	0	0
1969	0	0	0	3,016	0	0	0	0	0	0	0	0
1970	0	0	0	5,911	0	0	0	0	0	0	0	0
1971	0	0	0	7,212	0	0	0	0	0	0	0	0
1972	0	0	0	8,166	0	0	0	0	0	0	0	0
1973	0	0	0	3,214	0	0	0	0	0	0	0	0
1974	0	0	0	3,471	0	0	0	0	0	0	0	0
1975	0	0	0	3,576	0	0	0	0	0	0	0	0
1976	0	0	0	4,112	0	0	0	0	0	0	0	0
1977	0	0	0	1,472	0	0	0	0	0	0	0	0
1978	0	0	0	3,906	0	0	0	0	0	0	0	0
1979	0	0	0	6,149	0	0	0	0	0	0	0	0
1980	0	0	0	5,700	0	0	0	0	0	0	0	0
1981	0	0	0	4,300	0	0	0	0	0	0	0	0
1982	0	0	0	3,838	0	0	0	0	0	0	0	0
1983	0	0	0	3,822	0	0	0	0	0	0	0	0
1984	0	0	0	5,700	0	0	0	0	0	0	0	0
1985	0	0	0	5,433	0	0	0	0	0	0	0	0
1986	0	0	0	5,107	0	0	0	0	0	0	0	0
1987	0	0	0	5,625	0	0	0	0	0	0	0	0
1988	0	0	0	4,412	0	0	0	0	0	0	0	0
1989	0	0	0	6,091	0	300	602	0	0	0	0	0
1990	0	0	0	2,922	200	0	0	0	0	0	0	0
1991	0	0	0	141	0	0	0	0	0	0	0	0
1992	0	0	0	2,239	0	0	0	0	0	0	0	0
1993	0	0	0	2,858	0	0	0	0	0	0	0	0
1994	0	0	0	3,071	0	0	0	0	0	0	0	0
1995	0	0	0	5,169	0	0	0	0	0	0	0	0
1996	0	0	0	4,904	0	0	0	0	0	0	0	0
1997	0	0	0	5,238	0	0	0	11,100	0	0	0	0
1998	0	0	0	4,401	0	0	0	(11,100)	0	0	0	0
1999	0	0	0	4,871	0	0	0	0	0	0	0	0
2000	0	0	0	4,508	0	0	0	0	0	0	0	0
2001	0	0	638	3,592	0	0	0	0	0	0	0	0
2002	0	0	773	4,885	0	0	0	0	0	0	0	0
2003	0	7	917	4,266	0	0	0	0	0	0	0	0
2004	0	38	786	4,629	0	0	0	0	0	0	0	0
2005	0	299	1,046	4,194	0	0	0	0	0	0	0	0
2006	0	321	1,103	4,242	0	0	0	0	0	0	0	0
2007	0	320	1,031	3,567	0	0	0	0	0	0	0	0
2008	8,885	56	1,744	1,985	0	0	0	0	0	0	5,873	0
2009	0	0	1,169	1,993	0	0	0	0	0	0	0	3,300
2010	0	0	1,124	2,906	0	0	0	0	0	0	0	0
2011	0	0	1,112	2,715	0	0	0	0	0	0	0	0
2012	0	0	1,258	3,208	0	0	0	0	0	0	0	0
2013	0	0	1,156	2,820	0	0	0	0	0	0	0	0
2014	0	0	609	1,520	0	0	0	0	5,808	7,408	0	0
2015	0	0	658	1,077	0	0	0	0	2,360	6,032	0	0
2016	0	0	1,167	3,051	0	0	0	0	0	0	0	5,940
2017	**0**	**0**	**1,300**	**3,420**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
2018	0	0	1,300	3,420	0	0	0	0	0	0	0	0
2019	0	0	1,300	3,420	0	0	0	0	0	0	0	0
2020	0	0	1,300	3,420	0	0	0	0	0	0	0	0
2021	0	0	1,300	3,420	0	0	0	0	0	0	0	0
2022	0	0	1,300	3,420	0	0	0	0	0	0	0	0
2023	0	0	1,300	3,420	0	0	0	0	0	0	0	0
2024	0	0	1,300	3,420	0	0	0	0	0	0	0	0
2025	0	0	1,300	3,420	0	0	0	0	0	0	0	0
2026	0	0	1,300	3,420	0	0	0	0	0	0	0	0
2027	0	0	1,300	3,420	0	0	0	0	0	0	0	0
2028	0	0	1,300	3,420	0	0	0	0	0	0	0	0
2029	0	0	1,300	3,420	0	0	0	0	0	0	0	0
2030	0	0	1,300	3,420	0	0	0	0	0	0	0	0
2031	0	0	1,300	3,420	0	0	0	0	0	0	0	0
2032	0	0	1,300	3,420	0	0	0	0	0	0	0	0
2033	0	0	1,300	3,420	0	0	0	0	0	0	0	0
2034	0	0	1,300	3,420	0	0	0	0	0	0	0	0
2035	0	0	1,300	3,420	0	0	0	0	0	0	0	0
TOTAL	**8,885**	**1,041**	**40,991**	**259,269**	**200**	**300**	**602**	**0**	**8,168**	**13,440**	**5,873**	**9,240**

[c] Includes 425 af of 1988 advance allocation and 141 af of 1992 advance allocation.

TABLE B-5A Annual Water Quantities Delivered from Each Aqueduct Reach to Each Contractor (acre-feet)

	CALIFORNIA AQUEDUCT (continued)											
	SAN LUIS DIVISION (continued)											
	Reach 3A (continued)							Reach 4				
		Kern								Kern		
Calendar Year	Dudley Ridge	Municipal and Industrial	Agricultural	Metropolitan	Santa Barbara	Santa Clara	Tulare	Castaic Lake	Dudley Ridge	Municipal and Industrial	Agricultural	Tulare
	[35]	[36]	[37]	[38]	[39]	[40]	[41]	[42]	[43]	[44]	[45]	[46]
1962	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0	1,898	0	12,647	0
1990	0	0	0	0	0	0	0	0	0	0	0	1,500
1991	0	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0	0	0	0	0	0
1994	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	0	0	14,446	0	3,500	0
1996	0	0	0	0	0	0	0	0	0	1,125	4,162	0
1997	0	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	0	0	1,300
2000	0	3,320	68,960	0	0	0	0	0	0	1,517	878	0
2001	0	0	140,242	0	0	30,000	0	0	0	0	0	0
2002	0	6,000	62,024	0	0	0	0	0	0	0	0	0
2003	0	0	151,044	29,596	0	0	0	0	0	0	1,351	0
2004	0	0	44,877	0	0	0	0	0	0	0	0	0
2005	0	0	109,712	50,000	0	8,804	277	0	0	0	7,000	0
2006	0	0	19,575	0	0	0	0	0	0	0	0	0
2007	0	71,567	116,272	0	0	0	0	0	0	0	0	0
2008	0	0	94,562	0	0	0	0	0	0	0	10,721	0
2009	0	0	164,653	52,933	0	9,999	0	0	0	0	0	0
2010	0	0	35,896	120,274	0	9,993	0	0	0	0	0	0
2011	0	0	0	78,324	2,548	1,825	0	0	0	0	0	0
2012	6,068	0	23,401	0	0	0	0	0	0	0	0	0
2013	0	0	64,524	0	0	6,000	0	6,000	0	0	0	0
2014	16,789	0	104,689	15,000	0	27,476	0	0	0	0	0	0
2015	14,460	0	105,537	0	0	17,115	0	0	0	0	3,278	8,166
2016	1,350	0	13,769	31,386	0	6,000	0	0	0	0	1,047	0
2017	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
2018	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**38,667**	**80,887**	**1,319,737**	**377,513**	**2,548**	**117,212**	**277**	**6,000**	**16,344**	**2,642**	**44,584**	**10,966**

TABLE B-5A Annual Water Quantities Delivered from Each Aqueduct Reach to Each Contractor (acre-feet)

	CALIFORNIA AQUEDUCT (continued)											
	SAN LUIS DIVISION (continued)								SOUTH SAN JOAQUIN DIVISION			
	Reach 5								Reach 6			
				Kern						Kern		
Calendar Year	Castaic Lake	Dudley Ridge	Empire	Municipal and Industrial	Agricultural	Metropolitan	Oak Flat	Tulare	Empire	Municipal and Industrial	Agricultural	Kings
	[47]	[48]	[49]	[50]	[51]	[52]	[53]	[54]	[55]	[56]	[57]	[58]
1962	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0	1,550	0	0	0	0
1989	0	0	0	0	18,831	0	0	0	0	0	8,260	0
1990	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0	0
1992	0	10,823	0	0	0	0	0	0	0	0	0	0
1993	5,095	27,200	0	0	28,200	0	2,000	1,624	0	0	31,200	0
1994	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	21,776	0	0	0	0	0	3,932	0
1996	0	0	0	1,125	81,507	0	0	4,000	0	0	0	0
1997	0	0	0	9,080	154,940	0	0	3,500	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	20,400	33,340	0
1999	0	0	0	0	0	21,500	0	8,000	0	0	33,776	0
2000	0	0	0	8,130	57,647	0	0	0	0	1,457	35,847	0
2001	0	0	0	0	0	0	0	2,457	0	0	0	0
2002	0	0	0	0	0	0	0	3,000	0	0	0	0
2003	0	0	0	0	0	0	0	3,900	0	0	0	0
2004	0	0	0	0	0	0	0	3,850	0	0	0	3,250
2005	0	0	0	0	0	0	0	1,000	0	0	0	6,954
2006	0	0	0	0	0	0	0	3,000	0	0	0	2,659
2007	0	0	0	0	0	0	0	3,600	0	0	0	3,119
2008	0	0	0	0	0	0	0	1,355	0	0	0	2,159
2009	0	0	870	0	0	0	0	1,490	0	0	0	1,779
2010	0	0	431	0	0	0	0	0	0	0	0	2,477
2011	0	0	0	0	0	0	0	0	400	0	0	2,964
2012	0	0	449	0	0	0	0	2,800	514	0	0	2,706
2013	0	0	692	0	8,393	0	0	5,350	280	0	0	2,666
2014	0	0	303	0	0	0	0	661	38	0	0	1,109
2015	0	0	142	0	1,349	0	0	7,576	120	0	0	391
2016	0	0	0	0	0	0	0	200	0	0	0	4,484
2017	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**3,120**
2018	0	0	0	0	0	0	0	0	0	0	0	3,120
2019	0	0	0	0	0	0	0	0	0	0	0	3,120
2020	0	0	0	0	0	0	0	0	0	0	0	3,120
2021	0	0	0	0	0	0	0	0	0	0	0	3,120
2022	0	0	0	0	0	0	0	0	0	0	0	3,120
2023	0	0	0	0	0	0	0	0	0	0	0	3,120
2024	0	0	0	0	0	0	0	0	0	0	0	3,120
2025	0	0	0	0	0	0	0	0	0	0	0	3,120
2026	0	0	0	0	0	0	0	0	0	0	0	3,120
2027	0	0	0	0	0	0	0	0	0	0	0	3,120
2028	0	0	0	0	0	0	0	0	0	0	0	3,120
2029	0	0	0	0	0	0	0	0	0	0	0	3,120
2030	0	0	0	0	0	0	0	0	0	0	0	3,120
2031	0	0	0	0	0	0	0	0	0	0	0	3,120
2032	0	0	0	0	0	0	0	0	0	0	0	3,120
2033	0	0	0	0	0	0	0	0	0	0	0	3,120
2034	0	0	0	0	0	0	0	0	0	0	0	3,120
2035	0	0	0	0	0	0	0	0	0	0	0	3,120
TOTAL	**5,095**	**38,023**	**2,887**	**18,335**	**372,643**	**21,500**	**2,000**	**58,913**	**1,352**	**21,857**	**146,355**	**95,997**

TABLE B-5A Annual Water Quantities Delivered from Each Aqueduct Reach to Each Contractor (acre-feet)

	CALIFORNIA AQUEDUCT (continued)											
	SOUTH SAN JOAQUIN DIVISION (continued)											
	Reach 6 (continued)		Reach 7							Reach 8C		
					Kern							Kern
Calendar Year	Metropolitan	Tulare	Castaic Lake	Dudley Ridge	Municipal and Industrial	Agricultural	Kings	Metropolitan	Tulare	Dudley Ridge	Empire	Municipal and Industrial)
	[59]	[60]	[61]	[62]	[63]	[64]	[65]	[66]	[67]	[68]	[69]	[70]
1962	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	0	0	1,978	0
1969	0	0	0	0	0	0	0	0	0	0	56	0
1970	0	0	0	0	0	0	0	0	0	0	3,942	0
1971	0	0	0	0	0	0	0	0	0	0	5,990	0
1972	0	0	0	0	0	0	0	0	0	0	5,795	0
1973	0	0	0	0	0	0	0	0	0	0	3,000	0
1974	0	0	0	0	0	0	0	0	0	0	3,000	0
1975	0	0	0	0	0	0	0	0	0	0	3,000	0
1976	0	0	0	0	0	0	0	0	0	0	3,000	0
1977	0	0	0	0	0	0	0	0	0	0	738	0
1978	0	0	0	0	0	0	0	0	0	0	454	0
1979	0	0	0	0	0	0	0	0	0	0	1,739	0
1980	0	0	0	0	0	0	0	0	0	0	894	0
1981	0	0	0	0	0	0	0	0	0	0	5,859	0
1982	0	0	0	0	0	0	0	0	0	0	361	0
1983	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0	0	0	5,197	0
1986	0	0	0	0	0	0	0	0	0	0	1,170	0
1987	0	0	0	0	0	0	0	0	0	0	2,525	0
1988	0	0	0	0	0	0	0	0	0	0	3,475	0
1989	0	0	0	0	0	5,262	0	0	0	2,391	3,000	0
1990	0	0	0	0	0	0	0	0	0	0	1,279	0
1991	0	0	0	0	0	0	0	0	0	0	221	0
1992	0	0	0	0	0	0	0	0	0	280	1,354	0
1993	0	0	0	0	18,157	10,043	0	0	0	0	2,741	0
1994	0	0	2,100	0	0	0	0	0	0	0	1,666	0
1995	0	0	0	0	10,875	20,595	0	0	0	0	1,631	989
1996	0	0	0	0	3,424	69,704	0	0	0	95	1,868	0
1997	0	0	0	0	27,079	32,463	0	0	0	0	0	0
1998	0	3,000	0	200	3,998	62,081	0	0	0	90	542	0
1999	11,000	23,000	0	0	7,923	19,500	0	500	4,470	86	3,176	0
2000	0	3,000	1,200	0	0	45,137	0	20,000	20,500	166	1,799	0
2001	0	600	0	0	0	0	0	0	0	14	1,360	0
2002	0	0	0	0	0	0	0	0	12,067	0	1,405	0
2003	0	0	0	0	0	0	0	0	15,103	0	1,436	0
2004	0	0	0	0	0	0	0	0	0	0	3,562	0
2005	0	0	0	0	0	0	6,904	0	4,000	0	3,834	0
2006	0	0	0	0	0	0	2,500	0	6,000	0	3,282	0
2007	0	0	0	0	0	16,214	0	0	2,545	0	2,084	0
2008	0	0	0	400	0	1,998	1,330	0	1,500	0	947	0
2009	0	2,100	0	1,400	0	0	0	0	600	0	164	0
2010	0	0	0	0	0	0	0	0	3,850	0	2,828	0
2011	0	0	0	0	0	0	0	0	2,500	0	1,515	0
2012	0	500	0	0	0	0	2,000	0	0	0	1,279	0
2013	0	1,159	0	500	0	0	0	0	1,121	0	595	0
2014	0	275	0	0	0	0	0	0	0	0	175	0
2015	0	0	0	850	0	0	0	0	0	0	362	0
2016	0	213	0	0	0	0	0	0	0	0	1,822	0
2017	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1,800**	**0**
2018	0	0	0	0	0	0	0	0	0	0	1,800	0
2019	0	0	0	0	0	0	0	0	0	0	1,800	0
2020	0	0	0	0	0	0	0	0	0	0	1,800	0
2021	0	0	0	0	0	0	0	0	0	0	1,800	0
2022	0	0	0	0	0	0	0	0	0	0	1,800	0
2023	0	0	0	0	0	0	0	0	0	0	1,800	0
2024	0	0	0	0	0	0	0	0	0	0	1,800	0
2025	0	0	0	0	0	0	0	0	0	0	1,800	0
2026	0	0	0	0	0	0	0	0	0	0	1,800	0
2027	0	0	0	0	0	0	0	0	0	0	1,800	0
2028	0	0	0	0	0	0	0	0	0	0	1,800	0
2029	0	0	0	0	0	0	0	0	0	0	1,800	0
2030	0	0	0	0	0	0	0	0	0	0	1,800	0
2031	0	0	0	0	0	0	0	0	0	0	1,800	0
2032	0	0	0	0	0	0	0	0	0	0	1,800	0
2033	0	0	0	0	0	0	0	0	0	0	1,800	0
2034	0	0	0	0	0	0	0	0	0	0	1,800	0
2035	0	0	0	0	0	0	0	0	0	0	1,800	0
TOTAL	**11,000**	**33,847**	**3,300**	**3,350**	**71,456**	**282,997**	**12,734**	**20,500**	**74,256**	**3,122**	**132,300**	**989**

TABLE B-5A Annual Water Quantities Delivered from Each Aqueduct Reach to Each Contractor (acre-feet)

	CALIFORNIA AQUEDUCT (continued)											
	SOUTH SAN JOAQUIN DIVISION (continued)											
	Reach 8C (continued)			Reach 8D						Reach 9		
	Kern				Kern						Kern	
Calendar Year	Agricultural	Kings	Tulare	Dudley Ridge	Municipal and Industrial	Agricultural	Kings	San Luis Obispo	Tulare	Dudley Ridge	Municipal and Industrial	Agricultural
	[71]	[72]	[73]	[74]	[75]	[76]	[77]	[78]	[79]	[80]	[81]	[82]
1962	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	900	25,100	26,360	0	0	0	0	0	0	0	30,951
1969	0	100	7,081	31,375	0	0	0	0	0	0	0	24,489
1970	0	0	0	40,407	0	0	0	0	3,408	0	0	46,114
1971	0	3,700	80,906	41,053	0	0	0	0	41,579	0	0	58,356
1972	0	1,400	144,843	42,443	0	0	0	0	113,550	0	0	75,464
1973	0	1,500	26,317	22,057	0	1,500	0	0	24,147	0	0	54,583
1974	0	1,500	32,603	33,390	0	0	0	0	39,686	0	0	63,814
1975	0	1,600	41,536	40,555	0	0	0	0	44,722	0	0	50,021
1976	0	1,600	26,595	41,421	0	0	0	0	32,216	0	0	53,465
1977	0	1,530	12,984	11,153	0	0	0	0	5,097	0	0	24,668
1978	0	2,070	3,934	51,747	0	0	0	0	8,119	0	0	72,231
1979	0	2,000	74,758	38,544	0	0	0	0	80,363	0	0	74,524
1980	0	2,200	35,140	41,000	0	0	0	0	40,304	0	0	79,946
1981	0	2,300	50,888	41,000	0	0	0	0	32,550	0	0	76,508
1982	0	1,536	4,405	41,000	0	0	214	0	14,146	0	0	76,877
1983	0	3,550	1,001	42,900	0	0	0	0	5	0	2,217	84,573
1984	0	3,100	3,677	45,100	0	0	0	0	2,066	0	4,100	85,732
1985	0	3,400	68,638	46,251	0	0	0	0	41,153	0	0	67,696
1986	0	3,700	40,017	50,249	0	0	0	0	39,338	0	0	79,943
1987	0	4,000	30,359	46,288	0	0	0	0	62,725	0	0	97,732
1988	0	4,000	46,281	47,994	0	0	0	0	48,035	0	1,100	83,858
1989	0	4,000	63,703	52,158	0	0	0	0	63,947	0	0	91,134
1990	0	2,000	23,504	36,296	0	161	0	0	32,066	0	0	83,108
1991	0	0	1,697	927	0	0	0	0	483	0	13,683	601
1992	0	1,806	15,982	12,667	0	0	0	0	30,746	0	28	40,183
1993	0	4,000	57,112	23,221	0	0	0	0	65,732	197	5,945	53,597
1994	0	2,116	21,510	28,793	0	1,726	0	0	40,852	0	0	44,994
1995	10,527	4,000	40,934	45,240	2,959	27,270	0	0	57,435	0	0	64,076
1996	1,500	4,000	84,130	52,722	0	1,455	0	100	148,745	0	2,236	89,291
1997	1,500	0	9,467	57,496	0	0	0	100	9,402	4,900	0	72,013
1998	1,000	15	8,956	49,435	0	20,000	0	0	8,721	0	0	57,530
1999	400	4,000	90,334	58,290	0	9,000	0	0	162,631	0	0	72,734
2000	400	3,600	63,842	57,920	0	0	0	0	113,952	0	0	73,562
2001	0	1,560	23,300	40,155	0	6,089	0	0	58,369	0	0	54,198
2002	0	2,854	34,009	48,179	0	7,522	0	0	47,426	0	0	60,957
2003	0	3,692	25,317	45,732	0	8,350	0	0	61,521	0	0	54,724
2004	0	5,803	30,546	45,823	0	4,979	0	0	55,625	0	0	54,330
2005	0	4,057	42,450	58,627	0	0	1,891	0	92,552	0	0	53,206
2006	0	1,105	34,367	61,410	0	0	3,266	0	64,840	0	0	56,909
2007	0	657	31,305	39,974	0	7,740	1,921	0	49,633	0	0	66,018
2008	0	240	14,146	18,974	0	21,242	107	0	16,903	0	0	63,315
2009	0	1,612	13,522	12,037	0	19,684	0	0	16,794	5,500	0	64,007
2010	0	26	14,005	17,346	0	14,094	1,900	0	40,609	0	0	76,357
2011	0	2,160	23,814	22,427	0	65	1,194	0	30,827	292	0	78,177
2012	0	2,699	25,847	17,122	0	2,168	0	0	56,570	3,400	0	69,395
2013	0	1,029	16,490	19,605	0	4,239	950	0	24,241	1,941	0	82,005
2014	0	81	2,880	12,960	0	3,554	66	0	5,118	1,000	0	67,754
2015	0	838	977	9,473	0	2,000	0	0	617	1,250	0	64,809
2016	0	1,195	20,313	23,196	0	140	1,209	0	33,781	3,400	0	67,468
2017	**0**	**912**	**20,993**	**18,368**	**0**	**0**	**1,368**	**0**	**31,490**	**0**	**0**	**61,816**
2018	0	912	20,993	23,575	0	0	1,368	0	31,490	0	0	61,816
2019	0	912	20,993	20,571	0	0	1,368	0	31,490	0	0	61,816
2020	0	912	20,993	20,692	0	0	1,368	0	31,490	0	0	61,816
2021	0	912	20,993	20,692	0	0	1,368	0	31,490	0	0	61,816
2022	0	912	20,993	20,692	0	0	1,368	0	31,490	0	0	61,816
2023	0	912	20,993	20,692	0	0	1,368	0	31,490	0	0	61,816
2024	0	912	20,993	20,692	0	0	1,368	0	31,490	0	0	61,816
2025	0	912	20,993	20,692	0	0	1,368	0	31,490	0	0	61,816
2026	0	912	20,993	20,692	0	0	1,368	0	31,490	0	0	61,816
2027	0	912	20,993	20,692	0	0	1,368	0	31,490	0	0	61,816
2028	0	912	20,993	20,692	0	0	1,368	0	31,490	0	0	61,816
2029	0	912	20,993	20,692	0	0	1,368	0	31,490	0	0	61,816
2030	0	912	20,993	20,692	0	0	1,368	0	31,490	0	0	61,816
2031	0	912	20,993	20,692	0	0	1,368	0	31,490	0	0	61,816
2032	0	912	20,993	20,692	0	0	1,368	0	31,490	0	0	61,816
2033	0	912	20,993	20,692	0	0	1,368	0	31,490	0	0	61,816
2034	0	912	20,993	20,692	0	0	1,368	0	31,490	0	0	61,816
2035	0	912	20,993	20,692	0	0	1,368	0	31,490	0	0	61,816
TOTAL	**15,327**	**122,159**	**1,990,389**	**2,184,078**	**2,959**	**162,978**	**38,710**	**200**	**2,661,657**	**21,880**	**29,309**	**4,312,501**

TABLE B-5A Annual Water Quantities Delivered from Each Aqueduct Reach to Each Contractor (acre-feet)

	CALIFORNIA AQUEDUCT (continued)											
	SOUTH SAN JOAQUIN DIVISION (continued)											
	Reach 9	Reach 10A										Reach 11B
						Kern						
Calendar Year	Tulare	Alameda-Zone 7	Alameda County	Castaic Lake	Dudley Ridge	Municipal and Industrial	Agricultural	Metropolitan	San Bernardino	Santa Clara	Tulare	Castaic Lake
	[83]	[84]	[85]	[86]	[87]	[88]	[89]	[90]	[91]	[92]	[93]	[94]
1962	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	0	0	2,842	0
1970	1,855	0	0	0	0	0	158	0	0	0	4,315	0
1971	0	0	0	0	0	0	9,973	0	0	0	0	0
1972	0	0	0	0	0	0	5,876	0	0	0	0	0
1973	0	0	0	0	0	0	22,948	0	0	0	0	0
1974	0	0	0	0	0	10,019	22,719	0	0	0	0	0
1975	0	0	0	0	0	2,791	72,121	0	0	0	0	0
1976	0	0	0	0	0	74	50,444	0	0	0	0	0
1977	0	0	0	0	0	201	34,451	0	0	0	0	0
1978	0	0	0	0	0	0	161,889	0	0	0	0	0
1979	0	0	0	0	0	285	153,245	0	0	0	0	0
1980	0	0	0	0	0	3,780	131,836	0	0	0	0	0
1981	0	0	0	0	0	341	133,500	0	0	0	0	0
1982	0	0	0	0	0	4,700	164,832	0	0	0	0	0
1983	0	0	0	0	0	0	146,493	0	0	0	0	0
1984	0	0	0	0	0	6,910	150,302	0	0	0	0	0
1985	0	0	0	0	0	6,495	153,473	0	0	0	0	0
1986	0	0	0	0	0	5,065	198,099	0	0	0	0	0
1987	0	0	0	0	0	900	226,521	0	0	0	0	0
1988	0	0	0	0	0	9,529	212,495	0	0	0	0	0
1989	0	0	0	0	0	21,038	251,979	0	0	0	0	0
1990	0	0	0	0	0	25,189	47,472	0	0	0	0	0
1991	0	0	0	0	0	1,142	6,820	0	0	0	0	0
1992	0	0	0	0	0	3,685	89,390	0	0	0	0	0
1993	0	0	0	0	0	775	233,862	44,496	0	0	0	0
1994	0	0	0	0	0	5,227	126,792	0	0	0	0	0
1995	0	0	0	0	0	366	229,448	50,000	0	0	0	0
1996	0	0	6,200	0	0	6,666	199,854	95,000	0	45,000	0	0
1997	0	0	10,000	0	900	3,577	157,385	125,000	0	35,000	0	0
1998	0	1,970	3,780	0	0	2,603	163,587	39,500	0	23,800	0	0
1999	0	22,910	16,100	0	0	1,657	190,787	75,850	0	30,000	0	0
2000	0	23,940	13,380	0	0	7,672	283,208	0	0	23,730	0	0
2001	0	5,000	0	0	0	160	98,175	0	0	0	0	0
2002	0	14,287	2,083	24,000	0	145	171,498	0	0	3,311	0	0
2003	0	6,500	18,800	0	0	217	174,674	70,940	0	33,000	0	0
2004	0	5,740	8,000	32,522	0	65,751	117,286	0	0	0	0	0
2005	0	0	28,422	0	0	146	232,519	31,210	0	55,448	0	0
2006	0	5,740	27,447	0	5,000	0	237,623	0	0	64,036	0	0
2007	0	717	1,029	0	3,000	0	203,794	0	0	3,692	0	0
2008	0	0	0	0	2,800	1,702	103,176	0	0	4,306	0	0
2009	2,330	0	0	0	2,000	690	95,798	0	0	0	0	0
2010	0	3,000	7,000	0	2,000	14	102,773	74,000	0	51,990	800	0
2011	2,000	3,414	16,020	0	2,908	26	137,476	149,012	0	65,770	500	0
2012	2,000	0	7,500	0	1,660	29	201,876	45,000	2,868	0	0	5,500
2013	0	0	0	0	2,500	2,057	116,190	0	0	0	0	5,500
2014	0	0	0	0	0	0	40,332	0	0	0	0	0
2015	0	0	0	0	0	3,751	49,953	0	0	0	0	0
2016	0	10,491	15,875	0	0	0	120,982	0	0	15,987	0	0
2017	**0**	**0**	**14,088**	**0**	**0**	**0**	**141,830**	**0**	**0**	**0**	**0**	**0**
2018	0	0	13,896	0	0	0	140,140	0	0	0	0	0
2019	0	0	13,416	0	0	0	140,140	0	0	0	0	0
2020	0	0	12,936	0	0	0	140,140	0	0	0	0	0
2021	0	0	12,936	0	0	0	140,140	0	0	0	0	0
2022	0	0	12,936	0	0	0	140,140	0	0	0	0	0
2023	0	0	12,936	0	0	0	140,140	0	0	0	0	0
2024	0	0	12,936	0	0	0	140,140	0	0	0	0	0
2025	0	0	12,936	0	0	0	140,140	0	0	0	0	0
2026	0	0	12,936	0	0	0	140,140	0	0	0	0	0
2027	0	0	12,936	0	0	0	140,140	0	0	0	0	0
2028	0	0	12,936	0	0	0	140,140	0	0	0	0	0
2029	0	0	12,936	0	0	0	140,140	0	0	0	0	0
2030	0	0	12,936	0	0	0	140,140	0	0	0	0	0
2031	0	0	12,936	0	0	0	140,140	0	0	0	0	0
2032	0	0	12,936	0	0	0	140,140	0	0	0	0	0
2033	0	0	12,936	0	0	0	140,140	0	0	0	0	0
2034	0	0	12,936	0	0	0	140,140	0	0	0	0	0
2035	0	0	12,936	0	0	0	140,140	0	0	0	0	0
TOTAL	**8,185**	**103,709**	**430,012**	**56,522**	**22,768**	**205,375**	**8,900,434**	**800,008**	**2,868**	**455,070**	**8,457**	**11,000**

TABLE B-5A Annual Water Quantities Delivered from Each Aqueduct Reach to Each Contractor (acre-feet)

	CALIFORNIA AQUEDUCT (continued)										
	SOUTH SAN JOAQUIN DIVISION (continued)										
	Reach 11B (continued)				Reach 12D		Reach 12E				
		Kern			Kern						Kern
Calendar Year	Dudley Ridge	Municipal and Industrial	Agricultural	Tulare	Municipal and Industrial	Agricultural	Alameda-Zone 7	Alameda County	Castaic Lake	Dudley Ridge	Municipal and Industrial
	[95]	[96]	[97]	[98]	[99]	[100]	[101]	[102]	[103]	[104]	[105]
1962	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	24,776	0	0	0	0	0	0	0	0
1969	0	0	64,682	0	0	0	0	0	0	0	0
1970	0	0	72,279	0	0	0	0	0	0	0	0
1971	0	0	63,773	0	0	0	0	0	0	0	0
1972	0	0	72,358	0	0	0	0	0	0	0	0
1973	0	0	67,544	0	0	0	0	0	0	0	0
1974	0	0	87,476	0	0	0	0	0	0	0	2,651
1975	0	0	85,675	0	0	0	0	0	0	0	0
1976	0	0	85,067	0	0	0	0	0	0	0	37,519
1977	0	3,981	29,603	0	0	0	0	0	0	0	20,280
1978	0	0	88,753	0	0	0	0	0	0	0	47,133
1979	0	484	108,379	0	0	0	0	0	0	0	50,740
1980	0	3,112	103,207	0	0	0	0	0	0	0	32,039
1981	0	494	104,395	0	0	0	0	0	0	0	59,917
1982	0	798	99,081	0	0	0	0	0	0	0	36,139
1983	0	2,069	94,117	0	0	0	0	0	0	0	0
1984	0	2,349	124,819	0	0	0	0	0	0	0	63,941
1985	0	10,666	118,646	0	0	0	0	0	0	0	69,839
1986	0	8,673	124,836	0	0	0	0	0	0	0	62,109
1987	0	13,074	111,877	0	0	0	0	0	0	0	95,297
1988	0	13,509	114,031	0	0	0	0	0	0	0	86,390
1989	0	9,986	127,058	0	0	0	0	0	0	0	83,965
1990	0	9,319	104,107	0	0	0	0	0	0	0	82,164
1991	0	6,099	118	0	0	0	0	0	0	0	8,842
1992	0	7,419	35,093	0	0	0	0	0	0	0	47,181
1993	0	2,696	72,645	0	0	0	0	0	0	0	84,822
1994	0	3,506	71,202	0	0	0	0	0	0	0	66,188
1995	0	1,154	97,072	0	0	0	0	0	0	1,000	107,130
1996	0	1,185	96,250	0	0	0	0	0	0	4,131	89,257
1997	0	1,111	104,823	0	0	0	0	0	0	8,012	32,061
1998	0	1,311	72,646	0	0	0	0	0	0	5,925	28,258
1999	0	2,127	92,262	0	0	0	0	0	0	1,321	110,161
2000	1,500	3,793	89,622	0	21	0	0	0	0	953	11,772
2001	0	636	73,105	0	41	0	0	0	0	0	385
2002	0	1,457	91,123	0	760	6	0	0	0	0	0
2003	0	1,379	87,174	0	2,431	152	0	0	0	0	39,479
2004	0	1,299	97,722	0	3,419	768	0	0	0	1,600	52,303
2005	0	824	93,554	0	2,841	644	3,419	1,878	20,000	1,154	43,835
2006	0	0	98,417	0	2,513	1,556	10,000	0	20,000	0	82,207
2007	0	4,030	94,334	0	2,164	2,284	0	0	8,200	0	1,179
2008	0	263	93,417	0	1,514	3,000	0	0	0	0	0
2009	300	127	96,776	0	564	4,274	0	0	0	0	0
2010	5,350	381	92,220	974	1,904	2,206	10,000	0	25,844	0	4,851
2011	0	1,160	105,682	3,500	973	65	10,000	1,960	0	0	26,249
2012	2,000	1,019	94,519	0	3,128	939	20,308	0	6,416	200	19,423
2013	2,500	1,167	110,418	0	3,473	1,531	0	0	0	0	26,652
2014	9,786	0	87,728	0	0	5,225	0	0	0	0	0
2015	8,200	4,553	84,300	0	985	3,486	0	0	0	0	280
2016	3,000	6,000	80,865	0	0	2,297	8,000	0	0	0	54,367
2017	**0**	**7,500**	**59,915**	**0**	**3,900**	**0**	**0**	**0**	**0**	**0**	**54,167**
2018	0	7,500	59,915	0	3,900	0	0	0	0	0	54,167
2019	0	7,500	59,915	0	3,900	0	0	0	0	0	54,167
2020	0	7,500	59,915	0	3,900	0	0	0	0	0	54,167
2021	0	7,500	59,915	0	3,900	0	0	0	0	0	54,167
2022	0	7,500	59,915	0	3,900	0	0	0	0	0	54,167
2023	0	7,500	59,915	0	3,900	0	0	0	0	0	54,167
2024	0	7,500	59,915	0	3,900	0	0	0	0	0	54,167
2025	0	7,500	59,915	0	3,900	0	0	0	0	0	54,167
2026	0	7,500	59,915	0	3,900	0	0	0	0	0	54,167
2027	0	7,500	59,915	0	3,900	0	0	0	0	0	54,167
2028	0	7,500	59,915	0	3,900	0	0	0	0	0	54,167
2029	0	7,500	59,915	0	3,900	0	0	0	0	0	54,167
2030	0	7,500	59,915	0	3,900	0	0	0	0	0	54,167
2031	0	7,500	59,915	0	3,900	0	0	0	0	0	54,167
2032	0	7,500	59,915	0	3,900	0	0	0	0	0	54,167
2033	0	7,500	59,915	0	3,900	0	0	0	0	0	54,167
2034	0	7,500	59,915	0	3,900	0	0	0	0	0	54,167
2035	0	7,500	59,915	0	3,900	0	0	0	0	0	54,167
TOTAL	**32,636**	**275,710**	**5,428,011**	**4,474**	**100,831**	**28,433**	**61,727**	**3,838**	**80,460**	**24,296**	**2,796,178**

TABLE B-5A Annual Water Quantities Delivered from Each Aqueduct Reach to Each Contractor (acre-feet)

	CALIFORNIA AQUEDUCT (continued)										
	SOUTH SAN JOAQUIN DIVISION (continued)										
	Reach 12E (continued)				Reach 13B						
	Kern							Kern			
Calendar Year	Agricultural	Metropolitan	San Bernardino	Santa Clara	Alameda-Zone 7	Alameda County	Dudley Ridge	Municipal and Industrial	Agricultural	Metropolitan	Palmdale
	[106]	[107]	[108]	[109]	[110]	[111]	[112]	[113]	[114]	[115]	[116]
1962	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	0	0	0
1970	9,279	0	0	0	0	0	0	0	4,891	0	0
1971	28,056	0	0	0	0	0	0	0	0	0	0
1972	62,342	0	0	0	0	0	0	0	17,388	0	0
1973	13,082	0	0	0	0	0	0	0	9,297	0	0
1974	4,248	0	0	0	0	0	0	8,038	4,246	0	0
1975	10,787	0	0	0	0	0	0	8,538	7,059	0	0
1976	20,555	0	0	0	0	0	0	5,626	8,855	0	0
1977	1,737	0	0	0	0	0	0	0	5,024	0	0
1978	15,011	0	0	0	0	0	0	21,773	7,601	0	0
1979	61,567	0	0	0	0	0	0	5,663	17,766	0	0
1980	22,252	0	0	0	0	0	0	0	22,515	0	0
1981	58,470	0	0	0	0	0	0	7,844	14,037	0	0
1982	75,587	0	0	0	0	0	0	0	25,553	0	0
1983	10,950	0	0	0	0	0	0	0	3,491	0	0
1984	39,929	0	0	0	0	0	0	12,117	26,178	0	0
1985	84,117	0	0	0	0	0	0	0	67,711	0	0
1986	51,540	0	0	0	0	0	0	0	66,551	0	0
1987	86,223	0	0	0	0	0	0	5,609	40,374	0	0
1988	123,249	0	0	0	0	0	0	9,298	47,167	0	0
1989	146,544	0	0	0	0	0	0	5,504	57,114	0	0
1990	38,973	0	0	0	0	0	0	7,645	20,423	0	0
1991	303	0	0	0	0	0	0	0	0	0	0
1992	57,048	0	0	0	0	0	0	789	17,449	0	0
1993	285,554	5,504	0	0	0	0	0	12,798	88,157	0	0
1994	77,839	0	0	0	0	0	0	2,494	33,148	0	0
1995	181,097	0	0	0	0	0	0	8,751	110,685	0	0
1996	134,138	0	0	0	0	0	0	28,063	64,849	0	0
1997	128,329	1,486	0	0	0	0	0	43,803	49,312	0	0
1998	88,998	24,234	0	0	0	0	0	29,444	40,085	5,500	0
1999	255,343	62,162	0	0	0	0	0	12,969	92,998	0	0
2000	156,215	149,731	0	0	0	0	0	0	102,202	0	0
2001	51,076	0	0	0	0	0	1,733	0	33,925	0	0
2002	135,335	0	0	0	0	0	736	0	71,444	0	0
2003	112,056	45,989	0	0	0	0	350	2,396	124,582	1,865	0
2004	95,893	0	0	0	0	0	1,657	1,922	73,801	0	0
2005	340,281	15,384	0	2,619	2,321	0	14,540	21,781	269,631	192	0
2006	296,230	5,065	0	0	0	0	5,670	11,787	196,116	0	0
2007	87,764	0	0	0	0	0	2,161	0	72,240	0	0
2008	58,983	0	0	0	0	0	0	200	9,785	0	0
2009	82,434	0	0	0	0	0	0	0	12,060	0	0
2010	72,809	134,855	0	0	0	0	304	0	63,966	22,000	0
2011	313,619	109,787	8,066	706	2,331	3,420	34,733	4,896	273,275	25,845	7,000
2012	102,054	92,803	19,066	0	0	0	0	448	70,805	1,950	2,500
2013	60,295	0	0	0	0	0	0	0	14,189	0	0
2014	500	0	0	0	0	0	0	0	2,246	0	0
2015	2,750	0	0	0	0	0	0	0	481	0	0
2016	58,676	18,000	0	0	0	0	0	0	19,000	0	0
2017	**64,394**	**68,964**	**0**	**0**	**0**	**0**	**12,000**	**0**	**22,200**	**0**	**0**
2018	66,084	127,949	0	0	0	0	6,793	0	22,200	0	0
2019	66,084	178,205	0	0	0	0	6,793	0	22,200	0	0
2020	66,084	178,205	0	0	0	0	6,672	0	22,200	0	0
2021	66,084	178,205	0	0	0	0	6,672	0	22,200	0	0
2022	66,084	178,205	0	0	0	0	6,672	0	22,200	0	0
2023	66,084	178,205	0	0	0	0	6,672	0	22,200	0	0
2024	66,084	178,205	0	0	0	0	6,672	0	22,200	0	0
2025	66,084	178,205	0	0	0	0	6,672	0	22,200	0	0
2026	66,084	178,205	0	0	0	0	6,672	0	22,200	0	0
2027	66,084	178,205	0	0	0	0	6,672	0	22,200	0	0
2028	66,084	178,205	0	0	0	0	6,672	0	22,200	0	0
2029	66,084	178,205	0	0	0	0	6,672	0	22,200	0	0
2030	66,084	178,205	0	0	0	0	6,672	0	22,200	0	0
2031	66,084	178,205	0	0	0	0	6,672	0	22,200	0	0
2032	66,084	178,205	0	0	0	0	6,672	0	22,200	0	0
2033	66,084	178,205	0	0	0	0	6,672	0	22,200	0	0
2034	66,084	178,205	0	0	0	0	6,672	0	22,200	0	0
2035	66,084	178,205	0	0	0	0	6,672	0	22,200	0	0
TOTAL	**5,454,023**	**3,891,398**	**27,132**	**3,325**	**4,652**	**3,420**	**194,222**	**280,196**	**2,801,472**	**57,352**	**9,500**

TABLE B-5A Annual Water Quantities Delivered from Each Aqueduct Reach to Each Contractor (acre-feet)

	CALIFORNIA AQUEDUCT (continued)											
	SOUTH SAN JOAQUIN DIVISION (continued)											
	Reach 13B (continued)		Reach 14A		Reach 14B		Reach 14C			Reach 15A		Reach 16A
			Kern		Kern		Kern			Kern		
Calendar Year	Santa Clara	Tulare	Municipal and Industrial	Agricultural	Municipal and Industrial	Agricultural	Municipal and Industrial	Agricultural	Metropolitan	Municipal and Industrial	Agricultural	AVEK
	[117]	[118]	[119]	[120]	[121]	[122]	[123]	[124]	[125]	[126]	[127]	[128]
1962	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	3	0	0	0	0	0	0
1971	0	0	0	23,844	0	49,929	0	24,187	0	0	3,552	0
1972	0	0	0	26,621	0	77,034	0	35,016	0	0	6,064	0
1973	0	0	0	15,328	0	47,040	0	19,043	0	0	19,916	0
1974	0	0	0	7,794	0	32,356	0	12,601	0	0	18,000	0
1975	0	0	0	10,306	0	27,736	0	12,783	0	0	35,420	0
1976	0	0	0	268	0	35,296	0	9,005	0	0	39,551	0
1977	0	0	0	8,299	0	13,539	0	3,757	0	0	6,158	0
1978	0	0	0	34,029	0	72,351	0	24,542	0	0	31,148	0
1979	0	0	3,012	27,356	0	59,413	0	22,372	0	0	38,602	0
1980	0	0	4,312	16,876	0	40,513	0	19,953	0	0	37,817	0
1981	0	0	4,511	13,007	8	42,753	7	18,729	0	0	39,033	0
1982	0	0	3,735	24,240	184	57,739	0	26,479	0	0	47,782	0
1983	0	0	1,168	20,302	0	57,922	0	26,613	0	0	37,426	0
1984	0	0	137	35,369	10	79,179	2	34,996	0	0	49,848	0
1985	0	0	206	33,103	0	72,855	0	31,758	0	0	44,078	0
1986	0	0	180	26,384	0	70,864	0	34,566	0	0	42,461	0
1987	0	0	610	30,098	9	67,710	10	31,019	0	0	34,748	0
1988	0	0	622	32,778	19	75,968	1	37,165	0	16	41,978	0
1989	0	0	721	29,292	7	82,201	5	37,800	0	2	43,239	0
1990	0	0	673	26,800	13	81,076	9	34,174	0	6	36,347	0
1991	0	0	768	0	0	0	0	0	0	0	0	2,000
1992	0	0	673	16,238	464	41,143	0	18,084	0	0	24,243	0
1993	0	0	629	17,832	0	62,493	0	28,103	0	0	27,997	0
1994	0	0	2,513	16,760	3,000	54,011	1,000	22,624	0	0	29,511	0
1995	0	3,500	3	21,234	0	67,391	0	31,285	0	0	26,134	0
1996	0	0	0	26,978	0	85,936	0	38,879	0	0	36,186	0
1997	0	0	0	23,035	0	79,790	0	33,512	0	0	36,281	0
1998	0	0	0	15,706	0	58,132	0	23,097	0	0	28,712	0
1999	0	0	0	21,153	0	67,576	0	31,489	0	0	36,801	0
2000	0	0	0	19,264	0	70,585	0	33,716	0	0	40,063	0
2001	0	0	0	12,452	0	49,602	0	23,557	0	0	31,192	0
2002	0	0	0	11,161	0	52,762	0	27,138	0	0	41,552	0
2003	0	0	0	13,685	0	44,576	0	24,783	12,911	0	36,602	0
2004	0	0	0	13,030	0	52,012	0	30,313	0	0	40,184	0
2005	9,014	0	0	15,663	0	56,739	0	21,979	0	0	39,870	0
2006	0	0	0	17,779	0	65,142	1,413	20,193	5,440	0	46,244	0
2007	0	0	0	21,435	0	67,955	0	24,947	1,881	0	47,390	0
2008	2,324	0	0	20,087	0	63,497	0	27,847	0	0	33,029	0
2009	0	0	0	22,281	0	60,726	0	27,185	0	0	26,007	0
2010	0	10,000	0	21,964	0	58,110	0	25,477	29,818	0	22,045	0
2011	0	0	0	24,131	0	61,859	0	27,061	27,326	0	42,158	0
2012	0	8,000	0	25,982	0	64,489	0	23,446	31,703	0	27,920	0
2013	0	0	0	29,414	0	62,137	0	25,004	6,592	0	28,147	0
2014	0	0	0	28,172	0	50,337	0	20,992	0	0	10,784	0
2015	0	0	0	25,886	0	48,996	0	17,267	0	0	10,202	0
2016	0	0	0	24,106	0	50,210	0	22,403	11	0	22,924	0
2017	**0**	**0**	**0**	**17,000**	**0**	**42,800**	**0**	**20,500**	**0**	**0**	**25,800**	**0**
2018	0	0	0	17,000	0	42,800	0	20,500	0	0	25,800	0
2019	0	0	0	17,000	0	42,800	0	20,500	0	0	25,800	0
2020	0	0	0	17,000	0	42,800	0	20,500	0	0	25,800	0
2021	0	0	0	17,000	0	42,800	0	20,500	0	0	25,800	0
2022	0	0	0	17,000	0	42,800	0	20,500	0	0	25,800	0
2023	0	0	0	17,000	0	42,800	0	20,500	0	0	25,800	0
2024	0	0	0	17,000	0	42,800	0	20,500	0	0	25,800	0
2025	0	0	0	17,000	0	42,800	0	20,500	0	0	25,800	0
2026	0	0	0	17,000	0	42,800	0	20,500	0	0	25,800	0
2027	0	0	0	17,000	0	42,800	0	20,500	0	0	25,800	0
2028	0	0	0	17,000	0	42,800	0	20,500	0	0	25,800	0
2029	0	0	0	17,000	0	42,800	0	20,500	0	0	25,800	0
2030	0	0	0	17,000	0	42,800	0	20,500	0	0	25,800	0
2031	0	0	0	17,000	0	42,800	0	20,500	0	0	25,800	0
2032	0	0	0	17,000	0	42,800	0	20,500	0	0	25,800	0
2033	0	0	0	17,000	0	42,800	0	20,500	0	0	25,800	0
2034	0	0	0	17,000	0	42,800	0	20,500	0	0	25,800	0
2035	0	0	0	17,000	0	42,800	0	20,500	0	0	25,800	0
TOTAL	**11,338**	**21,500**	**24,473**	**1,270,522**	**3,714**	**3,452,883**	**2,447**	**1,536,439**	**115,682**	**24**	**1,935,546**	**2,000**

TABLE B-5A Annual Water Quantities Delivered from Each Aqueduct Reach to Each Contractor (acre-feet)

	CALIFORNIA AQUEDUCT (continued)											
	SOUTH SAN JOAQUIN DIVISION (continued)		TEHACHAPI DIVISION	MOJAVE DIVISION								
	Reach 16A (continued)		Reach 17E	Reach 18A	Reach 19		Reach 20A			Reach 20B		
	Kern		Kern									
Calendar Year	Municipal and Industrial	Agricultural	(Municipal and Industrial)	AVEK	AVEK	Mojave	AVEK	Mojave	Palmdale	AVEK	Littlerock	Palmdale
	[129]	[130]	[131]	[132]	[133]	[134]	[135]	[136]	[137]	[138]	[139]	[140]
1962	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0	0	0	0	0	0
1972	0	4,768	0	0	0	0	0	0	0	0	0	0
1973	0	1,961	0	0	0	0	0	0	0	0	0	0
1974	3,000	1,564	0	0	1,223	0	0	0	0	0	0	0
1975	3,200	9,867	0	0	7,622	0	420	0	0	0	0	0
1976	3,500	11,667	0	3,808	23,063	0	471	0	0	416	0	0
1977	3,420	685	0	1,231	8,927	0	773	0	0	271	0	0
1978	7,989	1,655	0	1,321	36,333	0	5,549	0	0	934	0	0
1979	2,813	15,808	0	2,098	49,910	0	7,555	0	0	930	0	0
1980	2,700	16,145	0	2,610	61,534	0	7,605	0	0	655	0	0
1981	2,636	18,156	0	2,340	65,690	0	10,333	0	0	966	0	0
1982	1,921	16,577	0	1,669	41,127	0	7,313	0	0	8	0	0
1983	1,400	17,907	0	43	26,377	0	6,253	0	0	20	0	0
1984	1,338	24,246	0	90	22,462	0	9,558	0	0	2	0	0
1985	1,309	16,820	0	8	23,440	0	11,613	0	1,510	217	0	32
1986	1,213	15,559	0	8	16,898	0	13,808	0	3,041	0	0	45
1987	1,665	10,170	0	0	15,958	0	15,493	0	2,389	151	0	1,624
1988	1,925	8,987	0	0	13,471	0	17,117	0	366	281	0	1,261
1989	2,668	8,649	0	0	18,007	0	23,481	0	381	112	0	7,848
1990	2,819	8,608	0	0	17,281	0	25,843	0	282	84	0	8,292
1991	2,588	343	0	0	728	0	4,282	1,391	84	131	0	3,830
1992	2,087	8,275	0	0	7,238	0	18,518	1,310	185	650	0	3,850
1993	2,494	9,167	0	0	13,340	0	23,662	1,514	164	996	0	7,597
1994	3,011	13,877	0	0	19,122	0	25,250	1,399	299	124	0	8,119
1995	3,188	15,042	0	0	20,222	0	22,385	1,227	328	0	0	6,633
1996	2,573	18,142	0	0	23,919	0	26,979	1,316	354	0	0	11,080
1997	3,997	17,048	0	0	28,834	64	27,999	1,272	313	0	0	11,548
1998	3,751	17,032	0	0	22,466	1,345	25,985	0	195	0	0	8,557
1999	3,316	24,071	0	0	30,944	1,439	32,409	0	377	36	0	12,901
2000	3,015	20,919	0	0	34,786	1,361	37,819	0	0	80	0	9,060
2001	1,894	13,476	0	0	24,370	1,385	33,216	0	0	282	0	10,427
2002	4,227	14,520	0	0	14,297	1,370	36,311	0	0	1,662	0	18,496
2003	1,168	16,799	0	0	12,145	1,285	39,532	0	0	2,289	0	11,547
2004	2,239	19,714	0	0	11,201	1,223	40,408	0	0	1,774	0	12,139
2005	167	18,353	0	11	11,804	1,051	41,496	0	0	1,336	0	11,678
2006	279	22,570	0	0	18,438	1,021	53,878	0	0	1,415	0	12,487
2007	204	26,229	0	0	22,916	1,176	47,639	0	0	1,349	0	19,609
2008	3,834	18,426	0	0	9,096	1,238	33,919	0	0	792	25	14,255
2009	1,531	19,517	0	0	5,717	1,345	35,402	0	0	366	42	15,339
2010	1,033	19,829	0	0	10,825	1,181	43,122	0	0	643	0	10,969
2011	3,808	17,957	0	0	55,707	2,184	35,543	0	0	507	0	9,881
2012	3,453	19,842	0	0	41,053	1,306	33,390	0	0	901	0	16,397
2013	148	21,311	4	16	13,414	1,095	33,507	0	0	693	0	10,567
2014	0	18,673	1	0	621	41	15,761	1,004	0	744	0	8,406
2015	2,407	16,214	0	0	0	0	12,447	1,023	0	447	0	5,836
2016	4,689	15,997	0	0	24,485	0	54,086	1,042	160	2,438	0	13,945
2017	**7,083**	**14,733**	**0**	**3,444**	**14,369**	**863**	**63,565**	**0**	**0**	**2,270**	**0**	**19,543**
2018	7,083	14,733	0	3,444	14,369	863	63,565	0	0	2,270	0	19,543
2019	7,083	14,733	0	3,444	14,369	863	61,499	0	0	2,270	0	19,543
2020	7,083	14,733	0	3,444	14,369	863	61,499	0	0	2,270	0	19,543
2021	7,083	14,733	0	3,444	14,369	863	61,499	0	0	2,270	0	19,543
2022	7,083	14,733	0	3,444	14,369	863	61,499	0	0	2,270	0	19,543
2023	7,083	14,733	0	3,444	14,369	863	61,499	0	0	2,270	0	19,543
2024	7,083	14,733	0	3,444	14,369	863	61,499	0	0	2,270	0	19,543
2025	7,083	14,733	0	3,444	14,369	863	61,499	0	0	2,270	0	19,543
2026	7,083	14,733	0	3,444	14,369	863	61,499	0	0	2,270	0	19,543
2027	7,083	14,733	0	3,444	14,369	863	61,499	0	0	2,270	0	19,543
2028	7,083	14,733	0	3,444	14,369	863	61,499	0	0	2,270	0	19,543
2029	7,083	14,733	0	3,444	14,369	863	61,499	0	0	2,270	0	19,543
2030	7,083	14,733	0	3,444	14,369	863	61,499	0	0	2,270	0	19,543
2031	7,083	14,733	0	3,444	14,369	863	61,499	0	0	2,270	0	19,543
2032	7,083	14,733	0	3,444	14,369	863	61,499	0	0	2,270	0	19,543
2033	7,083	14,733	0	3,444	14,369	863	61,499	0	0	2,270	0	19,543
2034	7,083	14,733	0	3,444	14,369	863	61,499	0	0	2,270	0	19,543
2035	7,083	14,733	0	3,444	14,369	863	61,499	0	0	2,270	0	19,543
TOTAL	**241,194**	**933,069**	**5**	**80,689**	**1,200,022**	**37,507**	**2,170,743**	**12,498**	**10,428**	**67,832**	**67**	**675,572**

TABLE B-5A Annual Water Quantities Delivered from Each Aqueduct Reach to Each Contractor (acre-feet)

Calendar Year	CALIFORNIA AQUEDUCT (continued)											
	MOJAVE DIVISION (continued)											
	Reach 21			Reach 22A		Reach 22B					Reach 23	Reach 24
	AVEK	Littlerock	Palmdale	AVEK	Littlerock	AVEK[d]	Coachella[e]	Desert[e]	Metropolitan[e]	Mojave	Mojave	Crestline
	[141]	[142]	[143]	[144]	[145]	[146]	[147]	[148]	[149]	[150]	[151]	[152]
1962	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0	0	0	0	0	0
1972	0	338	0	0	0	0	0	0	0	55	0	464
1973	0	290	0	0	0	0	5,800	9,000	(14,800)	0	0	389
1974	0	400	0	0	0	0	6,400	10,000	(16,400)	0	14	627
1975	0	520	0	0	0	0	7,000	11,000	(18,000)	0	0	825
1976	0	589	0	0	0	0	7,600	12,000	(19,600)	0	0	1,002
1977	0	111	0	0	0	0	0	0	0	22	58	1,109
1978	0	208	0	0	0	0	10,084	15,300	(25,384)	0	0	1,209
1979	0	133	0	0	0	0	10,063	15,000	(25,063)	4,000	0	1,260
1980	0	191	0	3	0	0	10,884	17,000	(27,884)	4,000	0	1,239
1981	0	1,270	0	46	0	0	12,105	19,000	(31,105)	4,000	0	1,485
1982	0	0	0	174	0	0	13,326	21,000	(34,326)	10,500	0	1,238
1983	0	38	0	268	0	0	14,547	23,000	(37,547)	0	0	911
1984	0	1	0	550	0	0	15,768	25,000	(40,768)	0	0	1,128
1985	0	0	16	1,786	0	0	16,989	27,000	(43,989)	0	0	1,422
1986	0	163	10	1,735	0	0	18,210	29,000	(47,210)	0	0	1,506
1987	0	1,080	1,366	2,273	5	214	19,431	31,500	(50,931)	17	0	1,849
1988	0	419	143	3,210	0	0	20,652	34,000	(54,652)	9	0	2,006
1989	0	971	780	3,591	0	89	21,873	36,500	(58,373)	0	200	2,170
1990	0	1,747	34	3,988	0	10	23,100	38,100	(61,200)	0	0	1,827
1991	0	522	0	2,427	0	0	6,930	11,430	(18,360)	0	0	849
1992	0	251	0	3,859	0	0	10,427	17,197	(27,624)	42	0	519
1993	0	734	0	5,098	0	0	0	0	0	0	0	439
1994	0	1,098	0	4,657	0	0	0	0	0	14,634	0	785
1995	0	480	0	4,679	0	0	0	0	0	7,495	0	409
1996	0	494	0	5,458	0	0	0	0	0	6,111	0	485
1997	0	444	0	5,549	0	0	0	0	0	9,038	0	651
1998	0	404	0	4,468	0	0	0	0	0	2,580	0	187
1999	0	342	0	5,684	0	0	0	0	0	6,705	0	1,132
2000	5,002	0	0	5,890	0	0	0	0	0	10,019	0	1,194
2001	0	0	0	4,989	0	0	0	0	0	3,048	0	1,057
2002	0	0	0	5,404	0	497	0	0	0	2,976	0	2,189
2003	0	0	0	6,063	0	0	0	0	7,625	13,150	0	1,563
2004	0	0	23	6,095	0	253	0	0	0	11,953	0	2,006
2005	0	0	34	5,184	0	0	0	0	5,942	12,169	0	807
2006	0	0	5	6,653	0	0	0	0	0	32,993	0	641
2007	0	0	25	7,711	0	588	0	0	0	27,684	0	1,768
2008	0	0	0	4,756	0	0	0	0	0	20,479	0	848
2009	0	0	0	4,185	0	0	0	0	0	20,214	0	894
2010	0	0	0	3,899	0	0	0	0	0	27,640	0	357
2011	0	0	0	2,289	0	0	0	0	30,907	2,915	0	474
2012	0	0	0	2,328	0	0	0	0	12,025	9,938	0	624
2013	0	0	0	3,227	0	118	0	0	0	5,888	0	1,368
2014	0	0	0	1,318	0	88	0	0	0	2,536	0	1,233
2015	0	0	0	1,298	0	116	0	0	0	7,807	0	1,253
2016	0	0	0	5,113	0	92	0	0	0	10,817	0	2,019
2017	**0**	**0**	**0**	**4,538**	**0**	**100**	**0**	**0**	**0**	**33,065**	**0**	**3,880**
2018	0	0	0	4,538	0	100	0	0	0	33,065	0	3,480
2019	0	0	0	4,538	0	100	0	0	0	35,515	0	3,480
2020	0	0	0	4,538	0	100	0	0	0	35,515	0	3,480
2021	0	0	0	4,538	0	100	0	0	0	35,515	0	3,480
2022	0	0	0	4,538	0	100	0	0	0	35,515	0	3,480
2023	0	0	0	4,538	0	100	0	0	0	35,515	0	3,480
2024	0	0	0	4,538	0	100	0	0	0	35,515	0	3,480
2025	0	0	0	4,538	0	100	0	0	0	35,515	0	3,480
2026	0	0	0	4,538	0	100	0	0	0	35,515	0	3,480
2027	0	0	0	4,538	0	100	0	0	0	35,515	0	3,480
2028	0	0	0	4,538	0	100	0	0	0	35,515	0	3,480
2029	0	0	0	4,538	0	100	0	0	0	35,515	0	3,480
2030	0	0	0	4,538	0	100	0	0	0	35,515	0	3,480
2031	0	0	0	4,538	0	100	0	0	0	35,515	0	3,480
2032	0	0	0	4,538	0	100	0	0	0	35,515	0	3,480
2033	0	0	0	4,538	0	100	0	0	0	35,515	0	3,480
2034	0	0	0	4,538	0	100	0	0	0	35,515	0	3,480
2035	0	0	0	4,538	0	100	0	0	0	35,515	0	3,480
TOTAL	**5,002**	**13,238**	**2,436**	**222,127**	**5**	**3,965**	**251,189**	**402,027**	**(596,717)**	**961,319**	**272**	**115,937**

[d] 1988 advance allocation.

[e] In accordance with the exchange agreement between the noted agencies, Metropolitan assumed responsibility for payment of variable OMP&R costs on the exchange water in reaches beyond Reach 22B, and Desert and Coachella for such costs from the Delta through Reach 22B. The adjustment in deliveries in Reach 22B provides for compliance with provisions for the repayment of costs under the agreement. In 1993 and after, the exchange takes place in Reach 26A.

TABLE B-5A Annual Water Quantities Delivered from Each Aqueduct Reach to Each Contractor (acre-feet)

Calendar Year	CALIFORNIA AQUEDUCT (continued)										
	MOJAVE DIVISION (continued)			SANTA ANA DIVISION							
	Reach 24 (continued)			Reach 26A					Reach 28G	Reach 28H	
	Metropolitan[e]	Mojave	San Bernardino	Coachella[e]	Desert[e]	Metropolitan[e]	San Bernardino[f]	San Gabriel	Metropolitan	Coachella	Desert
	[153]	[154]	[155]	[156]	[157]	[158]	[159]	[160]	[161]	[162]	[163]
1962	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	1,275	0	0	0	0
1973	0	0	0	0	0	444	32,426	0	18,942	0	0
1974	0	0	0	0	0	84,981	16,605	612	0	0	0
1975	0	0	0	0	0	169,960	13,865	5,450	0	0	0
1976	0	0	0	0	0	215,312	12,273	6,071	0	0	0
1977	0	0	0	0	0	64,823	24,833	8,996	0	0	0
1978	0	0	0	0	0	297,708	4,055	7,771	0	0	0
1979	0	0	0	0	0	260,903	18	290	0	0	0
1980	0	0	0	0	0	300,345	0	1,085	0	0	0
1981	0	0	0	0	0	395,678	16,021	3,619	0	0	0
1982	0	0	0	0	0	214,566	8,409	12,599	0	0	0
1983	0	0	0	0	0	175,288	5,994	734	0	0	0
1984	0	0	0	0	0	122,311	5,556	7,656	0	0	0
1985	0	0	0	0	0	147,599	7,390	5,028	0	0	0
1986	0	0	0	0	0	215,265	6,421	9,454	0	0	0
1987	0	0	0	0	0	175,012	18,751	10,630	0	0	0
1988	0	0	0	0	0	247,101	21,386	8,948	0	0	0
1989	0	0	0	0	0	326,217	20,782	12,839	0	0	0
1990	0	0	0	0	0	399,387	18,831	16,649	0	0	0
1991	0	2,032	0	0	0	107,182	3,661	5,399	0	0	0
1992	0	9,334	0	0	0	219,524	3,358	7,908	0	0	0
1993	0	10,000	0	23,100	38,100	98,291	4,361	14,397	0	0	0
1994	0	819	0	14,102	23,257	192,979	9,135	15,230	0	0	0
1995	0	0	0	23,100	38,100	107,299	696	12,922	0	0	0
1996	0	0	0	62,219	102,622	73,438	6,064	15,989	0	0	0
1997	0	0	0	58,100	53,100	157,215	9,654	18,175	0	0	0
1998	0	0	0	78,100	58,100	36,770	1,878	9,310	0	6,582	7,708
1999	0	0	0	50,480	58,100	139,752	12,874	21,729	0	0	0
2000	0	0	0	42,323	58,234	326,647	0	15,140	0	0	0
2001	0	0	0	9,100	15,010	284,007	0	2,360	0	0	0
2002	0	0	0	16,755	27,640	301,700	26,399	24,851	0	0	0
2003	17,249	0	0	14,443	23,819	464,719	5,000	21,934	0	0	0
2004	0	0	0	15,465	21,190	428,316	40,000	12,541	0	0	0
2005	14,058	341	0	34,356	49,089	361,976	15,834	13,984	0	0	0
2006	0	0	0	121,100	50,000	404,594	20,000	16,284	0	0	0
2007	0	17,249	710	66,007	27,253	370,971	10,022	4,024	0	7,221	2,981
2008	0	3,679	411	40,171	24,643	210,520	187	7,212	0	6,620	1,785
2009	0	7,488	149	45,074	17,872	138,216	0	11,520	0	948	391
2010	0	9,331	26	53,866	18,398	463,654	20,008	19,180	0	30,415	12,257
2011	14,141	0	31	84,566	34,076	610,454	368	23,591	0	5,713	2,303
2012	2,994	0	0	98,793	33,806	362,047	50,723	22,058	0	16,575	8,266
2013	0	500	0	33,551	17,611	234,576	1,120	9,252	0	28,232	3,180
2014	0	0	202	9,966	3,049	95,402	1,345	1,200	0	1,103	0
2015	0	0	0	26,600	67	110,774	2,100	5,760	0	10,996	9,611
2016	0	0	101	82,742	34,016	475,102	1,024	16,088	0	9,768	0
2017	**0**	**6,000**	**0**	**83,010**	**33,450**	**327,544**	**0**	**17,280**	**0**	**0**	**0**
2018	0	6,000	0	83,010	33,450	320,607	0	17,280	0	0	0
2019	0	6,000	0	83,010	33,450	320,607	0	17,280	0	0	0
2020	0	6,000	0	83,010	33,450	320,607	0	17,280	0	0	0
2021	0	6,000	0	83,010	33,450	320,607	0	17,280	0	0	0
2022	0	6,000	0	83,010	33,450	320,607	0	17,280	0	0	0
2023	0	6,000	0	83,010	33,450	320,607	0	17,280	0	0	0
2024	0	6,000	0	83,010	33,450	320,607	0	17,280	0	0	0
2025	0	6,000	0	83,010	33,450	320,607	0	17,280	0	0	0
2026	0	6,000	0	83,010	33,450	320,607	0	17,280	0	0	0
2027	0	6,000	0	83,010	33,450	320,607	0	17,280	0	0	0
2028	0	6,000	0	83,010	33,450	320,607	0	17,280	0	0	0
2029	0	6,000	0	83,010	33,450	320,607	0	17,280	0	0	0
2030	0	6,000	0	83,010	33,450	320,607	0	17,280	0	0	0
2031	0	6,000	0	83,010	33,450	320,607	0	17,280	0	0	0
2032	0	6,000	0	83,010	33,450	320,607	0	17,280	0	0	0
2033	0	6,000	0	83,010	33,450	320,607	0	17,280	0	0	0
2034	0	6,000	0	83,010	33,450	320,607	0	17,280	0	0	0
2035	0	6,000	0	83,010	33,450	320,607	0	17,280	0	0	0
TOTAL	**48,442**	**174,773**	**1,630**	**2,681,269**	**1,462,702**	**16,687,495**	**480,702**	**794,789**	**18,942**	**124,173**	**48,482**

[e] In accordance with the exchange agreement between the noted agencies, Metropolitan assumed responsibility for payment of variable OMP&R costs on the exchange water in reaches beyond Reach 22B, and Desert and Coachella for such costs from the Delta through Reach 22B. The adjustment in deliveries in Reach 22B provides for compliance with provisions for the repayment of costs under the agreement. In 1993 and after, the exchange takes place in Reach 26A.

[f] Includes 1,650 acre-feet recaptured from groundwater storage in 1982, 10,000 acre-feet in 1987, and 8,749 acre-feet in 1988. This water was stored under DWR's Ground Water Demonstration Program.

TABLE B-5A Annual Water Quantities Delivered from Each Aqueduct Reach to Each Contractor (acre-feet)

	CALIFORNIA AQUEDUCT (continued)										
	SANTA ANA DIVISION (continued)										
	Reach 28H (continued)	Reach 28J			Reach EBX1			Reach EBX2C	Reach EBX3A	Reach EBX4B-G	Reach EBX4B
Calendar Year	Metropolitan	Coachella	Desert	Metropolitan	Coachella	Metropolitan	San Bernardino	San Bernardino	San Bernardino	San Gorgonio	San Gorgonio
	[164]	[165]	[166]	[167]	[168]	[169]	[170]	[171]	[172]	[173]	[174]
1962	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	251	0	0	0	0	0	0	0
1976	55	0	0	2,000	0	0	0	0	0	0	0
1977	43	0	0	2,442	0	0	0	0	0	0	0
1978	48	0	0	64,054	0	0	0	0	0	0	0
1979	1,290	0	0	94,353	0	0	0	0	0	0	0
1980	3,013	0	0	91,532	0	0	0	0	0	0	0
1981	4,365	0	0	149,405	0	0	0	0	0	0	0
1982	3,961	0	0	155,629	0	0	0	0	0	0	0
1983	6,645	0	0	41,616	0	0	0	0	0	0	0
1984	109,743	0	0	5,672	0	0	0	0	0	0	0
1985	182,781	0	0	6,538	0	0	0	0	0	0	0
1986	131,439	0	0	30,071	0	0	0	0	0	0	0
1987	144,743	0	0	26,315	0	0	0	0	0	0	0
1988	199,641	0	0	22,209	0	0	0	0	0	0	0
1989	247,430	0	0	51,462	0	0	0	0	0	0	0
1990	257,796	0	0	36,060	0	0	0	0	0	0	0
1991	38,832	0	0	5,958	0	0	0	0	0	0	0
1992	85,341	0	0	12,223	0	0	0	0	0	0	0
1993	61,841	0	0	4,588	0	0	0	0	0	0	0
1994	134,262	0	0	4,725	0	0	0	0	0	0	0
1995	117,762	0	0	21,099	0	0	0	0	0	0	0
1996	144,906	0	0	12,418	0	0	0	0	0	0	0
1997	107,853	0	0	47,777	0	0	0	0	0	0	0
1998	77,473	1,027	4,839	50,411	0	0	0	0	0	0	0
1999	206,689	0	0	8,163	0	0	0	0	0	0	0
2000	379,713	0	0	7,864	0	5,466	18,399	0	0	0	0
2001	260,984	0	0	33,414	0	0	26,488	0	0	0	0
2002	340,635	0	0	41,552	0	1,427	37,069	0	0	0	0
2003	246,485	0	0	50,776	0	74,496	16,703	1,793	2,617	0	116
2004	357,995	0	0	20,437	0	120,338	13,229	1,430	2,371	0	841
2005	242,245	0	0	114,499	8,163	153,700	12,715	966	2,035	0	692
2006	342,734	0	0	32,242	0	147,432	11,832	885	2,614	3,471	807
2007	271,874	0	0	48,923	0	94,208	38,151	3,130	5,103	3,758	177
2008	175,460	0	0	10,432	0	16,745	25,038	686	8,823	3,863	1,042
2009	126,265	0	0	5,849	0	18,314	25,041	4,090	10,066	4,499	1,898
2010	129,145	1,311	528	65,439	0	0	19,190	617	9,538	2,555	5,685
2011	213,215	0	0	51,638	0	0	19,578	699	9,384	1,213	9,290
2012	86,266	2,219	3,029	36,875	0	0	27,534	3,177	9,604	0	11,010
2013	45,039	4,756	0	40,494	0	0	19,850	3,034	8,081	0	9,445
2014	0	1,801	0	998	0	0	4,610	375	4,424	0	5,044
2015	25,883	0	1,539	977	0	0	15,970	382	5,928	0	3,481
2016	38,920	0	0	58,779	0	0	51,322	278	1,953	0	8,335
2017	**138,069**	**0**	**0**	**0**	**0**	**0**	**61,160**	**0**	**0**	**2,200**	**8,180**
2018	71,220	0	0	0	0	0	59,058	0	0	2,300	8,080
2019	71,220	0	0	0	0	0	61,560	0	0	2,400	7,980
2020	71,220	0	0	0	0	0	61,560	0	0	2,500	7,880
2021	71,220	0	0	0	0	0	61,560	0	0	2,500	7,880
2022	71,220	0	0	0	0	0	61,560	0	0	2,500	7,880
2023	71,220	0	0	0	0	0	61,560	0	0	2,500	7,880
2024	71,220	0	0	0	0	0	61,560	0	0	2,500	7,880
2025	71,220	0	0	0	0	0	61,560	0	0	2,500	7,880
2026	71,220	0	0	0	0	0	61,560	0	0	2,500	7,880
2027	71,220	0	0	0	0	0	61,560	0	0	2,500	7,880
2028	71,220	0	0	0	0	0	61,560	0	0	2,500	7,880
2029	71,220	0	0	0	0	0	61,560	0	0	2,500	7,880
2030	71,220	0	0	0	0	0	61,560	0	0	2,500	7,880
2031	71,220	0	0	0	0	0	61,560	0	0	2,500	7,880
2032	71,220	0	0	0	0	0	61,560	0	0	2,500	7,880
2033	71,220	0	0	0	0	0	61,560	0	0	2,500	7,880
2034	71,220	0	0	0	0	0	61,560	0	0	2,500	7,880
2035	71,220	0	0	0	0	0	61,560	0	0	2,500	7,880
TOTAL	**6,970,839**	**11,114**	**9,935**	**1,568,159**	**8,163**	**632,126**	**1,549,457**	**21,542**	**82,541**	**66,259**	**208,183**

TABLE B-5A Annual Water Quantities Delivered from Each Aqueduct Reach to Each Contractor (acre-feet)

	CALIFORNIA AQUEDUCT (continued)									
	WEST BRANCH									
	Reach 29F	Reach 29H		Reach 30						
Calendar Year	AVEK	Castaic Lake	Ventura	Castaic Lake	Coachella	Desert	Metropolitan[g]	San Bernardino	Santa Barbara	Ventura
	[175]	[176]	[177]	[178]	[179]	[180]	[181]	[182]	[183]	[184]
1962	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0	0	0	0
1972	53	0	0	0	0	0	71,938	0	0	0
1973	20	0	0	0	0	0	155,297	0	0	0
1974	36	0	0	0	0	0	209,136	0	0	0
1975	26	0	0	0	0	0	374,280	0	0	0
1976	24	0	0	0	0	0	420,684	0	0	0
1977	0	0	0	0	0	0	122,447	0	0	0
1978	0	0	0	0	0	0	171,139	0	0	0
1979	0	0	0	7	0	0	145,591	0	0	0
1980	0	0	0	1,210	0	0	164,721	0	0	0
1981	0	0	0	5,761	0	0	277,503	0	0	0
1982	0	0	0	9,516	0	0	351,362	0	0	0
1983	0	0	0	9,476	0	0	157,519	0	0	0
1984	0	0	0	11,477	0	0	260,624	0	0	0
1985	0	0	0	12,401	0	0	390,696	0	0	0
1986	0	0	0	13,928	0	0	379,275	0	0	0
1987	0	0	0	16,167	0	0	417,285	0	0	0
1988	0	0	0	18,904	0	0	488,265	0	0	0
1989	0	0	0	21,719	0	0	589,962	0	0	0
1990	0	0	4,836	22,139	0	0	764,380	0	0	0
1991	0	0	988	3,846	0	0	257,835	0	1,240	0
1992	0	0	0	14,812	0	0	420,849	0	0	0
1993	6	0	0	13,787	0	0	437,470	0	0	0
1994	0	0	0	14,919	0	0	475,900	0	0	0
1995	0	0	0	17,747	0	0	139,882	0	0	0
1996	0	0	0	18,448	0	0	267,618	0	0	0
1997	11	0	0	22,842	10,240	16,890	271,379	0	0	1,850
1998	7	0	0	19,782	0	0	187,277	0	0	1,850
1999	0	0	0	28,813	0	0	327,001	0	0	1,850
2000	0	0	2,200	31,085	0	0	632,991	0	0	1,850
2001	0	0	0	30,701	0	0	444,764	0	0	1,850
2002	0	0	3,148	42,080	0	0	723,605	8,601	0	1,850
2003	0	6,768	3,150	44,967	0	0	678,964	0	0	1,850
2004	0	0	4,047	47,463	0	0	797,294	0	0	1,203
2005	0	0	0	36,747	0	0	538,839	0	0	1,665
2006	0	0	0	40,017	0	0	574,679	0	0	1,850
2007	0	0	1,890	45,919	0	0	711,831	0	0	1,110
2008	0	0	1,980	42,878	0	0	485,156	0	0	1,818
2009	0	0	3,150	38,784	0	0	589,294	0	0	741
2010	0	0	3,150	31,288	0	0	376,877	0	0	925
2011	0	0	2,520	31,445	0	0	375,921	0	0	1,480
2012	24	0	3,150	36,153	0	0	553,244	0	0	1,203
2013	47	0	2,242	44,126	0	0	565,849	0	0	648
2014	0	0	0	29,448	0	0	275,992	0	0	93
2015	0	0	630	29,189	0	0	435,892	0	0	370
2016	0	0	1,890	30,061	0	0	467,816	0	0	1,110
2017	**0**	**0**	**1,890**	**55,120**	**0**	**0**	**597,323**	**0**	**0**	**1,110**
2018	0	0	1,890	55,120	0	0	576,868	0	0	1,110
2019	0	0	1,890	55,120	0	0	576,868	0	0	1,110
2020	0	0	1,890	55,120	0	0	576,868	0	0	1,110
2021	0	0	1,890	55,120	0	0	576,868	0	0	1,110
2022	0	0	1,890	55,120	0	0	576,868	0	0	1,110
2023	0	0	1,890	55,120	0	0	576,868	0	0	1,110
2024	0	0	1,890	55,120	0	0	576,868	0	0	1,110
2025	0	0	1,890	55,120	0	0	576,868	0	0	1,110
2026	0	0	1,890	55,120	0	0	576,868	0	0	1,110
2027	0	0	1,890	55,120	0	0	576,868	0	0	1,110
2028	0	0	1,890	55,120	0	0	576,868	0	0	1,110
2029	0	0	1,890	55,120	0	0	576,868	0	0	1,110
2030	0	0	1,890	55,120	0	0	576,868	0	0	1,110
2031	0	0	1,890	55,120	0	0	576,868	0	0	1,110
2032	0	0	1,890	55,120	0	0	576,868	0	0	1,110
2033	0	0	1,890	55,120	0	0	576,868	0	0	1,110
2034	0	0	1,890	55,120	0	0	576,868	0	0	1,110
2035	0	0	1,890	55,120	0	0	576,868	0	0	1,110
TOTAL	**254**	**6,768**	**74,881**	**1,977,332**	**10,240**	**16,890**	**28,907,270**	**8,601**	**1,240**	**48,256**

[g] Deliveries exclude 6,171 acre-feet of 1982 exchange water.

TABLE B-5A Annual Water Quantities Delivered from Each Aqueduct Reach to Each Contractor (acre-feet)

	CALIFORNIA AQUEDUCT (continued)									
	COASTAL BRANCH									
	Reach 31A						Reach 33A			
				Kern						
Calendar Year	AVEK	Castaic Lake	Dudley Ridge	Municipal and Industrial	Agricultural	Kings	San Luis Obispo	Santa Barbara	Total	GRAND TOTAL
	[185]	[186]	[187]	[188]	[189]	[190]	[191]	[192]	[193]	[194]
1962	0	0	0	0	0	0	0	0	0	8,906
1963	0	0	0	0	0	0	0	0	0	12,645
1964	0	0	0	0	0	0	0	0	0	20,911
1965	0	0	0	0	0	0	0	0	0	34,026
1966	0	0	0	0	0	0	0	0	0	54,913
1967	0	0	0	0	0	0	0	0	0	56,763
1968	0	7,382	0	0	71,657	0	0	0	192,188	294,457
1969	0	9,970	0	0	52,094	0	0	0	195,705	268,104
1970	0	11,739	0	0	71,910	0	0	0	276,211	369,459
1971	0	12,490	0	0	98,481	0	0	0	553,081	654,442
1972	0	13,905	0	0	107,850	0	0	0	895,006	1,037,770
1973	0	9,418	0	0	69,227	0	0	0	638,930	737,532
1974	0	9,700	0	0	68,474	0	0	0	783,984	878,947
1975	0	10,700	0	0	74,516	0	0	0	1,129,728	1,230,830
1976	0	11,700	0	0	78,358	0	0	0	1,245,662	1,380,124
1977	0	5,075	0	0	35,504	0	0	0	465,442	582,381
1978	0	11,362	0	0	81,242	0	0	0	1,339,268	1,458,733
1979	0	19,138	0	0	104,017	0	0	0	1,537,075	1,666,457
1980	0	13,882	0	0	97,497	0	0	0	1,413,363	1,536,456
1981	0	12,700	0	0	97,054	0	0	0	1,779,479	1,918,563
1982	0	12,700	0	0	83,076	0	0	0	1,641,571	1,750,862
1983	0	12,659	0	0	87,859	0	0	0	1,089,626	1,187,156
1984	0	12,741	0	0	119,098	0	0	0	1,489,814	1,591,416
1985	0	12,099	0	0	110,124	0	0	0	1,863,544	1,990,295
1986	0	13,301	0	0	118,298	0	0	0	1,882,290	1,999,155
1987	0	11,821	0	0	116,259	0	0	0	1,984,570	2,131,608
1988	0	11,534	0	0	109,435	0	0	0	2,221,538	2,385,122
1989	0	14,645	0	0	102,156	0	0	0	2,686,838	2,853,747
1990	0	6,440	0	0	103,362	0	0	0	2,398,121	2,582,151
1991	0	716	0	0	780	0	0	0	489,489	549,113
1992	0	5,887	0	0	73,748	0	0	0	1,374,775	1,471,454
1993	0	4,157	0	0	90,764	0	0	0	2,173,352	2,315,235
1994	0	9,422	0	200	77,536	0	0	0	1,727,504	1,861,976
1995	0	9,486	0	0	85,050	0	0	0	1,926,835	2,031,423
1996	0	14,052	0	0	100,578	0	0	0	2,429,928	2,543,472
1997	0	4,870	0	0	97,020	0	1,099	7,439	2,263,966	2,405,444
1998	0	311	0	0	86,879	0	3,592	18,618	1,657,381	1,764,963
1999	0	4,086	0	0	92,095	0	3,743	20,137	2,755,025	2,898,961
2000	0	8,395	0	0	85,215	0	3,962	22,741	3,390,079	3,569,072
2001	0	1,238	0	0	63,448	0	4,283	18,946	2,034,350	2,175,194
2002	0	2,737	0	0	65,055	0	4,355	27,636	2,738,943	2,909,555
2003	0	4,001	0	0	65,691	0	4,453	26,968	3,151,625	3,327,811
2004	0	3,776	0	0	66,498	0	4,165	29,705	3,050,652	3,230,590
2005	0	2,709	4,684	0	68,190	0	4,251	23,344	3,597,829	3,753,874
2006	0	2,735	0	0	85,214	0	4,209	23,275	3,526,551	3,693,938
2007	0	6,071	0	0	93,954	49	3,776	27,740	3,088,763	3,284,475
2008	0	0	0	17,059	68,385	0	3,402	18,393	1,978,428	2,152,219
2009	0	1	0	0	83,255	0	3,801	15,452	2,065,868	2,227,564
2010	0	768	2,967	0	81,047	276	3,757	17,775	2,690,242	2,832,658
2011	0	1,746	200	0	86,594	238	3,819	21,050	3,513,232	3,668,980
2012	33,511	2,404	0	0	50,050	0	3,944	19,474	2,726,325	2,881,783
2013	0	6,128	0	0	82,887	0	3,681	18,018	2,023,225	2,224,875
2014	0	0	0	0	74,406	0	3,206	16,757	1,111,222	1,242,286
2015	0	0	7,500	0	71,616	0	3,473	11,638	1,339,751	1,498,367
2016	1,489	2,000	0	0	70,395	186	4,032	25,097	2,271,712	2,435,124
2017	**0**	**2,000**	**0**	**0**	**52,810**	**183**	**13,056**	**27,292**	**2,294,775**	**2,467,088**
2018	0	2,000	0	0	52,810	183	13,125	27,292	2,256,894	2,431,901
2019	0	2,000	0	0	52,810	183	13,161	27,292	2,306,588	2,479,572
2020	0	2,000	0	0	52,810	183	13,237	27,292	2,306,184	2,480,537
2021	0	2,000	0	0	52,810	183	13,237	27,292	2,306,184	2,480,537
2022	0	2,000	0	0	52,810	183	13,237	27,292	2,306,184	2,480,537
2023	0	2,000	0	0	52,810	183	13,237	27,292	2,306,184	2,480,537
2024	0	2,000	0	0	52,810	183	13,237	27,292	2,306,184	2,480,537
2025	0	2,000	0	0	52,810	183	13,237	27,292	2,306,184	2,480,537
2026	0	2,000	0	0	52,810	183	13,237	27,292	2,306,184	2,480,537
2027	0	2,000	0	0	52,810	183	13,237	27,292	2,306,184	2,480,537
2028	0	2,000	0	0	52,810	183	13,237	27,292	2,306,184	2,480,537
2029	0	2,000	0	0	52,810	183	13,237	27,292	2,306,184	2,480,537
2030	0	2,000	0	0	52,810	183	13,237	27,292	2,306,184	2,480,537
2031	0	2,000	0	0	52,810	183	13,237	27,292	2,306,184	2,480,537
2032	0	2,000	0	0	52,810	183	13,237	27,292	2,306,184	2,480,537
2033	0	2,000	0	0	52,810	183	13,237	27,292	2,306,184	2,480,537
2034	0	2,000	0	0	52,810	183	13,237	27,292	2,306,184	2,480,537
2035	0	2,000	0	0	52,810	183	13,237	27,292	2,306,184	2,480,537
TOTAL	**35,000**	**402,797**	**15,351**	**17,259**	**5,027,288**	**4,226**	**326,137**	**928,751**	**134,557,287**	**144,691,490**

Tables B-5A-Adj through B-31

Note: Where applicable, the projected data values shown in this appendix are shaded and the bill year data are in **bold** type.

TABLE B-5A-Adj Annual Water Quantity Adjustments to Water Delivered from Each Aqueduct Reach to Each Contractor (acre-feet)

Sheet 1 of 5

	CALIFORNIA AQUEDUCT												
	SAN LUIS DIVISION												
	Reach 1	Reach 3A											
Calendar Year	Santa Clara	Alameda-Zone 7	Alameda County	AVEK	Castaic Lake	Crestline	Dudley Ridge	Kern (Agricultural)	Kings	Metropolitan	Mojave	Palmdale	San Bernardino
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]	[11]	[12]	[13]
1962	0	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0	0	0	0	0	0	0
1994	0	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	0	0	0	0	0	0	0
1996	0	0	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	(11,135)	0	0	0	0	0
2001	0	0	0	0	0	0	0	(11,487)	0	0	0	0	0
2002	0	0	0	0	0	0	0	(9,332)	0	0	0	0	0
2003	0	0	0	0	0	0	0	(18,428)	0	0	0	0	0
2004	0	0	0	0	0	0	0	(866)	0	0	0	0	0
2005	0	0	0	0	0	0	(576)	(20,082)	0	0	0	0	0
2006	0	0	0	0	0	0	0	(20,239)	0	0	0	0	0
2007	0	0	0	0	0	0	0	(9,867)	0	0	0	0	0
2008	(8,885)	0	0	0	0	0	0	(99,439)	0	0	0	0	0
2009	0	0	0	(5,926)	(38)	(1)	(28)	(88,699)	0	(815)	(5)	(15)	(21)
2010	0	0	0	0	(3,300)		0	(87,370)	0	(177,476)	0	0	0
2011	0	0	0	0	0	0	0	(56,909)	0	(106,423)	0	(2,548)	0
2012	0	0	0	0	0	0	(6,068)	(60,762)	0	0	0	0	0
2013	0	0	0	0	0	0	0	(11,846)	0	0	0	0	0
2014	0	0	0	(32)	(34)	(5)	(36)	(114,007)	(2)	(789)	(6)	(14)	(23)
2015	0	(6,264)	(8,763)	0	0	0	(16,796)	(76,139)	0	0	0	0	0
2016	0	0	(1,208)	0	0	0	(503)	(57,875)	0	0	0	0	0
2017	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
2018	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**(8,885)**	**(6,264)**	**(9,971)**	**(5,958)**	**(3,372)**	**(6)**	**(24,007)**	**(754,482)**	**(2)**	**(285,503)**	**(11)**	**(2,577)**	**(44)**

TABLE B-5A-Adj Annual Water Quantity Adjustments to Water Delivered from Each Aqueduct Reach to Each Contractor (acre-feet)

	CALIFORNIA AQUEDUCT (continued)												
	SAN LUIS DIVISION (continued)									SOUTH SAN JOAQUIN DIVISION			
	Reach 3A (continued)							Reach 4		Reach 7		REACH 10A	
Calendar Year	San Gabriel	San Gorgonio	San Luis Obispo	Santa Barbara	Santa Clara	Tulare	Ventura	Kern (Agricultural)	Tulare	Kern (Agricultural)	Tulare	Alameda-Zone 7	Alameda County
	[14]	[15]	[16]	[17]	[18]	[19]	[20]	[21]	[22]	[23]	[24]	[25]	[26]
1962	0	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0	0	0	0	0	0	0
1994	0	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	0	0	0	0	0	0	0
1996	0	0	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	(12,806)	0	(24,167)	(2,981)	0	0
2001	0	0	0	0	0	0	0	0	0	0	(25,164)	(1,807)	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	(4,000)	0		(6,020)	0	0	0	0
2005	0	0	0	0	(20,000)	(277)	0	0	0	0	0	0	0
2006	0	0	0	0	(53,573)	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	(5,000)
2008	0	0	0	0	(3,681)	0	0	0	0	0	0	(7,000)	(10,000)
2009	(4)	(4)	(2)	(19)	(1,000)	(49)	(1)	0	0	0	0	0	(3,083)
2010	0	0	0	0	(44,668)	(17,551)	0	0	0	0	0	0	0
2011	0	0	0	0	(51,404)	(11,096)	0	0	0	0	0	0	0
2012	0	0	0	0	0	(9,366)	0	0	0	0	0	0	0
2013	0	0	0	0	0	(6,054)	0	0	0	0	0	(4,000)	(4,000)
2014	(6)	(13)	(134)	(926)	0	(8)	0	0	0	0	0	(8,074)	(13,652)
2015	0	0	(27)	(181)	(21,076)	0	0	0	0	0	0	(11,185)	(14,115)
2016	0	0	0	0	(6,706)	0	0	0	0	0	0	(324)	0
2017	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
2018	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**(10)**	**(17)**	**(163)**	**(1,126)**	**(202,108)**	**(48,401)**	**(1)**	**(12,806)**	**(6,020)**	**(24,167)**	**(28,145)**	**(32,390)**	**(49,850)**

TABLE B-5A-Adj Annual Water Quantity Adjustments to Water Delivered from Each Aqueduct Reach to Each Contractor (acre-feet)

Sheet 3 of 5

	CALIFORNIA AQUEDUCT (continued)												
	SOUTH SAN JOAQUIN DIVISION (continued)												
	Reach 10A (continued)							Reach 12E					
Calendar Year	Castaic Lake	Coachella	Desert	Kern (Agricultural)	Metropolitan	San Bernardino	Santa Clara	Alameda-Zone 7	AVEK	Castaic Lake	Coachella	Desert	Kern (Agricultural)
	[27]	[28]	[29]	[30]	[31]	[32]	[33]	[34]	[35]	[36]	[37]	[38]	[39]
1962	0	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0	0	0	0	0	0	0
1994	0	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	0	0	0	0	0	0	0
1996	0	0	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	0	0	0	0
2001	0	0	0	(1,813)	(31,500)	0	(30,000)	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	(14,638)
2003	0	0	0	0	(10,000)	0	0	0	0	0	0	0	(5,170)
2004	0	0	0	(3)	(93,555)	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0		(12,469)	(93,986)	0	(20,000)	0		(11,000)	0		(16,618)
2008	0	0	(4,864)	0	(99,024)	0	(10,000)	0	(8,393)	(11,000)	(3,000)	(3,486)	(103,683)
2009	(4,950)	0	0	(7,733)	(65,499)	0	(27,319)	0	(6,393)	(11,000)	(3,000)	0	(105,145)
2010			0	(56)	0		0	0	0	(2,750)	(8,393)	0	(43,833)
2011	0	0	0	0	0	0	0	0	0	0	0	0	(14,223)
2012	0	0	0	0	0	0	(17,000)	0	0	0	(4,000)	0	(12,815)
2013	0	0	0	(24,626)	(37,544)	0	(27,308)	0	0	0	(16,500)	0	(34,355)
2014	(4,951)	0	0	(7,476)	(30,049)	(694)	(29,134)	(5,901)	0	(13,824)	(5,000)	0	(90,996)
2015	0	0	0	(20,190)	(32,517)	0	(40,572)	(5,029)	0	(13,993)	(9,500)	0	(56,927)
2016	0	0	0	(626)	(12,440)	0	(1,122)	0	0	0	0	0	(36,893)
2017	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
2018	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**(9,901)**	**0**	**(4,864)**	**(74,992)**	**(506,114)**	**(694)**	**(202,455)**	**(10,930)**	**(14,786)**	**(63,567)**	**(49,393)**	**(3,486)**	**(535,296)**

TABLE B-5A-Adj Annual Water Quantity Adjustments to Water Delivered from Each Aqueduct Reach to Each Contractor (acre-feet)

Sheet 4 of 5

	CALIFORNIA AQUEDUCT (continued)										
	SOUTH SAN JOAQUIN DIVISION (continued)										
	Reach 12E (continued)			Reach 13B							
Calendar Year	Metropolitan	San Bernardino	Santa Clara	Alameda-Zone 7	Alameda County	Dudley Ridge	Kern (Agricultural)	Metropolitan	Palmdale	San Bernardino	Santa Clara
	[40]	[41]	[42]	[43]	[44]	[45]	[46]	[47]	[48]	[49]	[50]
1962	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0	0	0	0	0
1994	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	0	0	0	0	0
1996	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	0	0
2001	(20,800)	0	0	0	0	0	(132,228)	0	0	0	0
2002	0	0	0	0	0	0	(22,161)	0	0	0	0
2003	(5,073)	0	0	0	0	0	(15,316)	(24,523)	0	0	0
2004	(17,765)	0	0	0	0	0	(43,985)	(4,813)	0	0	0
2005	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	0	0	0	0
2007	(5,000)	0	0	0	0	0	(257,750)	0	(4,926)	0	0
2008	(8,402)	0	0	0	0	0	(228,579)	(25,721)	0	0	0
2009	(14,516)	0	(6,134)	0	0	0	(186,044)	0	0	0	0
2010	(52,413)	0	0	0	0		(59,451)	0	0	0	0
2011	(23,419)	0	0	0	0	0	(29,041)	0	0	0	0
2012	0	0	0	0	0	(6,068)	(103,364)	0	0	0	0
2013	(31,478)	(1,500)	0	0	0	0	(160,286)	(1,033)	0	0	(17,692)
2014	(9,882)	(400)	0	(931)	(1,088)	(16,789)	(161,077)	(17,184)	0	(3,906)	(5,253)
2015	(6,899)	0	(288)	(1,600)	(2,097)	(14,460)	(112,781)	(21,934)	0	0	(4,625)
2016	0	0	0	0	0	(1,350)	(26,683)	0	0	0	0
2017	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
2018	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**(195,647)**	**(1,900)**	**(6,422)**	**(2,531)**	**(3,185)**	**(38,667)**	**(1,538,746)**	**(95,208)**	**(4,926)**	**(3,906)**	**(27,570)**

TABLE B-5A-Adj Annual Water Quantity Adjustments to Water Delivered from Each Aqueduct Reach to Each Contractor (acre-feet)

Sheet 5 of 5

	CALIFORNIA AQUEDUCT (continued)											
	SOUTH SAN JOAQUIN DIVISION (continued)						MOJAVE DIVISION				SANTA ANA DIVISION	
	Reach 14B	Reach 14C		Reach 15A	Reach 16A	Reach 19	Reach 22A	Reach 22B		Reach 24	Reach EBX2C	
Calendar Year	Kern (Agricultural)	Kern (Agricultural)	Metropolitan	Kern (Agricultural)	Kern (Agricultural)	AVEK	AVEK	AVEK	Metropolitan	Metropolitan	San Bernardino	GRAND TOTAL
	[51]	[52]	[53]	[54]	[55]	[56]	[57]	[58]	[59]	[60]	[61]	[62]
1962	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0	0	0	0	0	0
1994	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	0	0	0	0	0	0
1996	0	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	0	0	(51,089)
2001	(396)	(242)	0	0	0	0	0	(152)	0	0	0	(255,589)
2002	0	0	0	0	0	0	0	0	0	0	0	(46,131)
2003	0	0	(12,380)	0	0	0	0	0	0	0	0	(90,890)
2004	0	0	(25,512)	0	0	0	0	0	0	0	(844)	(197,363)
2005	0	0	0	0	0	0	0	0	0	0	(7)	(40,942)
2006	0	0	0	0	0	0	0	0	0	0	(2)	(73,814)
2007	0	0	(24,225)	0	0	0	0	0	(8,751)	(17,249)	0	(486,841)
2008	0	0	(37,602)	0	0	0	0	0	(4,816)	(3,679)	(6)	(681,260)
2009	(1,706)	(5,168)	(54,948)	(2,788)	(444)	0	0	0	0	(7,488)	(11)	(609,996)
2010	(1,867)	(4,761)	(32,758)	(2,913)	0	0	0	0	0	(2,891)	0	(542,451)
2011	0	0	(16,065)	0	0	0	0	0	0	0	0	(311,128)
2012	(73)	(862)	(10,010)	(405)	0	0	0	0	0	0	0	(230,793)
2013	(264)	(4,691)	(33,205)	(406)	0	0	0	0	0	0	0	(416,788)
2014	(6,898)	(10,773)	(47,358)	(5,962)	0	0	(1,046)	0	0	0	0	(614,333)
2015	(10,554)	(11,108)	(70,200)	(5,560)	0	0	(1,516)	0	0	0	0	(596,896)
2016	(4,452)	(4,073)	(29,819)	(2,115)	0	0	(539)	0	0	0	0	(186,728)
2017	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
2018	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**(26,210)**	**(41,678)**	**(394,082)**	**(20,149)**	**(444)**	**0**	**(3,101)**	**(152)**	**(13,567)**	**(31,307)**	**(870)**	**(5,433,032)**

Tables B-5B through B-31

Note: Where applicable, the projected data values shown in this appendix are shaded and the bill year data are in **bold** type.

TABLE B-5B Annual Water Quantities Delivered to Each Contractor (acre-feet)

	NORTH BAY AREA			SOUTH BAY AREA[a]				CENTRAL COASTAL AREA		
Calendar Year	Napa[b]	Solano	Total	Alameda-Zone 7	Alameda County	Santa Clara	Total	San Luis Obispo	Santa Barbara	Total
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]
1962	0	0	0	494	8,412	0	8,906	0	0	0
1963	0	0	0	1,731	10,914	0	12,645	0	0	0
1964	0	0	0	1,673	19,238	0	20,911	0	0	0
1965	0	0	0	2,605	16,407	15,014	34,026	0	0	0
1966	0	0	0	5,511	14,864	34,538	54,913	0	0	0
1967	0	0	0	4,780	12,882	39,101	56,763	0	0	0
1968	1,214	0	1,214	6,133	24,817	70,105	101,055	0	0	0
1969	2,687	0	2,687	6,635	813	62,264	69,712	0	0	0
1970	3,618	0	3,618	9,249	0	80,311	89,560	0	0	0
1971	2,521	0	2,521	5,017	5,961	87,606	98,584	0	0	0
1972	3,647	0	3,647	10,489	27,671	100,266	138,426	0	0	0
1973	3,792	0	3,792	2,975	2,521	88,582	94,078	0	0	0
1974	4,870	0	4,870	1,314	4	88,000	89,318	0	0	0
1975	6,840	0	6,840	4,618	986	88,000	93,604	0	0	0
1976	7,122	0	7,122	17,131	21,300	88,000	126,431	0	0	0
1977	8,226	0	8,226	12,644	18,840	76,220	107,704	0	0	0
1978	6,034	0	6,034	10,984	5,863	95,727	112,574	0	0	0
1979	6,561	0	6,561	19,325	10,874	91,991	122,190	0	0	0
1980	6,707	0	6,707	16,790	11,034	88,000	115,824	0	0	0
1981	9,001	0	9,001	19,590	21,917	88,000	129,507	0	0	0
1982	1,213	0	1,213	13,123	6,316	88,000	107,439	0	0	0
1983	2,287	0	2,287	4,766	3,157	86,733	94,656	0	0	0
1984	2,923	0	2,923	6,784	3,338	88,000	98,122	0	0	0
1985	4,039	0	4,039	15,072	19,016	88,000	122,088	0	0	0
1986	3,519	1,400	4,919	10,609	12,379	88,000	110,988	0	0	0
1987	7,693	1,550	9,243	23,406	25,390	88,000	136,796	0	0	0
1988	5,392	9,726	15,118	25,830	33,464	87,961	147,255	0	0	0
1989	6,195	17,256	23,451	26,227	26,042	90,000	142,269	0	0	0
1990	6,940	19,131	26,071	33,034	31,703	92,000	156,737	0	0	0
1991	1,380	6,972	8,352	9,411	12,648	28,200	50,259	0	1,240	1,240
1992	4,001	14,773	18,774	14,669	19,153	42,839	76,661	0	0	0
1993	5,286	29,180	34,466	33,635	10,271	62,065	105,971	0	0	0
1994	6,792	25,256	32,048	20,542	22,911	57,115	100,568	0	0	0
1995	5,182	21,345	26,527	30,091	17,793	28,756	76,640	0	0	0
1996	4,893	29,999	34,892	18,903	19,662	89,850	128,415	100	0	100
1997	4,341	33,530	37,871	27,522	24,063	95,601	147,186	1,199	7,439	8,638
1998	5,359	29,766	35,125	17,941	19,075	63,410	100,426	3,592	18,618	22,210
1999	5,304	34,753	40,057	50,910	37,652	82,945	171,507	3,743	20,137	23,880
2000	4,958	37,015	41,973	58,617	35,978	101,988	196,583	3,962	22,741	26,703
2001	9,345	34,586	43,931	34,409	18,004	77,922	130,335	4,283	18,946	23,229
2002	6,875	38,560	45,435	53,261	27,811	62,186	143,258	4,355	27,636	31,991
2003	7,646	33,951	41,597	45,450	36,590	108,981	191,021	4,453	26,968	31,421
2004	8,134	43,002	51,136	52,364	27,884	59,458	139,706	4,165	29,705	33,870
2005	7,669	37,819	45,488	47,512	44,599	128,249	220,360	4,251	23,344	27,595
2006	7,789	35,516	43,305	54,527	43,079	128,210	225,816	4,209	23,275	27,484
2007	10,957	47,300	58,257	40,157	24,391	75,382	139,930	3,776	27,740	31,516
2008	13,292	41,320	54,612	41,186	22,902	59,160	123,248	3,402	18,393	21,795
2009	10,904	30,950	41,854	31,087	19,496	76,363	126,946	3,801	15,452	19,253
2010	12,417	30,816	43,233	47,343	22,571	107,871	177,785	3,757	17,775	21,532
2011	11,314	27,995	39,309	52,726	36,610	129,062	218,398	3,819	23,598	27,417
2012	9,907	29,347	39,254	55,239	20,831	63,794	139,864	3,944	19,474	23,418
2013	12,538	35,869	48,407	44,856	23,640	84,623	153,119	3,681	18,018	21,699
2014	14,164	19,679	33,843	34,296	30,066	67,446	131,808	3,206	16,757	19,963
2015	11,199	23,836	35,035	32,444	27,259	82,888	142,591	3,473	11,638	15,111
2016	13,248	32,226	45,474	56,056	21,181	89,639	166,876	4,032	25,097	29,129
2017	**17,415**	**28,655**	**46,070**	**48,371**	**25,200**	**60,000**	**133,571**	**13,056**	**27,292**	**40,348**
2018	17,415	28,655	46,070	48,371	25,200	62,502	136,073	13,125	27,292	40,417
2019	17,415	28,654	46,069	48,371	25,200	60,000	133,571	13,161	27,292	40,453
2020	17,415	28,654	46,069	48,371	25,200	60,000	133,571	13,237	27,292	40,529
2021	17,415	28,654	46,069	48,371	25,200	60,000	133,571	13,237	27,292	40,529
2022	17,415	28,654	46,069	48,371	25,200	60,000	133,571	13,237	27,292	40,529
2023	17,415	28,654	46,069	48,371	25,200	60,000	133,571	13,237	27,292	40,529
2024	17,415	28,654	46,069	48,371	25,200	60,000	133,571	13,237	27,292	40,529
2025	17,415	28,654	46,069	48,371	25,200	60,000	133,571	13,237	27,292	40,529
2026	17,415	28,654	46,069	48,371	25,200	60,000	133,571	13,237	27,292	40,529
2027	17,415	28,654	46,069	48,371	25,200	60,000	133,571	13,237	27,292	40,529
2028	17,415	28,654	46,069	48,371	25,200	60,000	133,571	13,237	27,292	40,529
2029	17,415	28,654	46,069	48,371	25,200	60,000	133,571	13,237	27,292	40,529
2030	17,415	28,654	46,069	48,371	25,200	60,000	133,571	13,237	27,292	40,529
2031	17,415	28,654	46,069	48,371	25,200	60,000	133,571	13,237	27,292	40,529
2032	17,415	28,654	46,069	48,371	25,200	60,000	133,571	13,237	27,292	40,529
2033	17,415	28,654	46,069	48,371	25,200	60,000	133,571	13,237	27,292	40,529
2034	17,415	28,654	46,069	48,371	25,200	60,000	133,571	13,237	27,292	40,529
2035	17,415	28,654	46,069	48,371	25,200	60,000	133,571	13,237	27,292	40,529
TOTAL	**658,820**	**1,398,852**	**2,057,672**	**2,242,742**	**1,541,043**	**5,274,924**	**9,058,709**	**326,337**	**932,539**	**1,258,876**

[a] For the period June 1962 through November 1967, deliveries were supplied by non-project water.

[b] For the period 1968 through 1987, deliveries are non-project water pumped through an interim facility.

TABLE B-5B Annual Water Quantities Delivered to Each Contractor (acre-feet)

Sheet 2 of 4

Calendar Year	SAN JOAQUIN VALLEY AREA								
			Kern						
	Dudley Ridge	Empire	Municipal and Industrial	Agricultural	Total	Kings	Oak Flat	Tulare	Total
	[11]	[12]	[13]	[14]	[15]	[16]	[17]	[18]	[19]
1962	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0
1968	26,360	1,978	0	127,384	127,384	900	3,084	25,100	184,806
1969	31,375	56	0	141,265	141,265	100	3,016	9,923	185,735
1970	40,407	3,942	0	204,634	204,634	0	5,911	9,578	264,472
1971	41,053	5,990	0	360,151	360,151	3,700	7,212	122,485	540,591
1972	42,443	5,795	0	490,781	490,781	1,400	8,166	258,393	806,978
1973	22,057	3,000	0	341,469	341,469	1,500	3,214	50,464	421,704
1974	33,390	3,000	23,708	323,292	347,000	1,500	3,471	72,289	460,650
1975	40,555	3,000	14,529	396,291	410,820	1,600	3,576	86,258	545,809
1976	41,421	3,000	46,719	392,531	439,250	1,600	4,112	58,811	548,194
1977	11,153	738	27,882	163,425	191,307	1,530	1,472	18,081	224,281
1978	51,747	454	76,895	590,452	667,347	2,070	3,906	12,053	737,577
1979	38,544	1,739	62,997	683,049	746,046	2,000	6,149	155,121	949,599
1980	41,000	894	45,943	588,557	634,500	2,200	5,700	75,444	759,738
1981	41,000	5,859	75,758	615,642	691,400	2,300	4,300	83,438	828,297
1982	41,000	361	47,477	697,823	745,300	1,750	3,838	18,551	810,800
1983	42,900	0	6,854	587,653	594,507	3,550	3,822	1,006	645,785
1984	45,100	0	90,904	769,696	860,600	3,100	5,700	5,743	920,243
1985	46,251	5,197	88,515	800,381	888,896	3,400	5,433	109,791	1,058,968
1986	50,249	1,170	77,240	829,101	906,341	3,700	5,107	79,355	1,045,922
1987	46,288	2,525	117,174	852,731	969,905	4,000	5,625	93,084	1,121,427
1988	47,994	3,475	122,409	887,111	1,009,520	4,000	4,412	95,866	1,165,267
1989	57,049	3,000	123,896	1,022,166	1,146,062	4,000	6,091	127,950	1,344,152
1990	36,296	1,279	127,837	584,611	712,448	2,000	2,922	57,070	812,015
1991	927	221	33,122	8,965	42,087	0	141	2,180	45,556
1992	23,770	1,354	62,326	420,894	483,220	1,806	2,239	46,728	559,117
1993	50,618	2,741	128,316	1,039,614	1,167,930	4,000	4,858	124,468	1,354,615
1994	28,793	1,666	87,139	570,020	657,159	2,116	3,071	62,362	755,167
1995	60,686	1,631	135,415	1,016,114	1,151,529	4,000	5,169	101,869	1,324,884
1996	56,948	1,868	135,654	1,049,409	1,185,063	4,000	4,904	236,875	1,489,658
1997	71,308	0	120,708	987,451	1,108,159	0	5,238	22,369	1,207,074
1998	55,650	542	89,765	768,825	858,590	15	4,401	20,677	939,875
1999	59,697	3,176	138,153	1,039,985	1,178,138	4,000	4,871	289,735	1,539,617
2000	60,539	1,799	40,697	1,183,440	1,224,137	3,600	4,508	201,294	1,495,877
2001	41,902	1,360	3,116	651,175	654,291	1,560	3,592	84,726	787,431
2002	48,915	1,405	12,589	812,870	825,459	2,854	4,885	96,502	980,020
2003	46,082	1,436	47,070	917,160	964,230	3,692	4,266	105,841	1,125,547
2004	49,080	3,562	126,933	712,193	839,126	9,053	4,629	90,021	995,471
2005	79,005	3,834	69,594	1,328,387	1,397,981	19,806	4,194	140,279	1,645,099
2006	72,080	3,282	98,199	1,164,671	1,262,870	9,530	4,242	108,207	1,460,211
2007	45,135	2,084	79,144	949,601	1,028,745	5,746	3,567	87,083	1,172,360
2008	22,174	947	24,572	702,099	726,671	3,836	1,985	33,904	789,517
2009	21,237	1,034	2,912	779,826	782,738	3,391	1,993	36,836	847,229
2010	27,967	3,259	8,183	689,917	698,100	4,679	2,906	70,238	807,149
2011	60,560	1,915	37,112	1,169,231	1,206,343	6,556	2,715	63,141	1,341,230
2012	30,450	2,242	27,500	778,144	805,644	7,405	3,208	95,717	944,666
2013	27,046	1,567	33,501	711,840	745,341	4,645	2,820	48,361	829,780
2014	40,535	516	1	516,001	516,002	1,256	1,520	8,934	568,763
2015	41,733	624	11,976	508,782	520,758	1,229	1,077	17,336	582,757
2016	30,946	1,822	65,056	571,446	636,502	7,074	3,051	54,507	733,902
2017	**30,368**	**1,800**	**72,650**	**525,098**	**597,748**	**5,583**	**3,420**	**52,483**	**691,402**
2018	30,368	1,800	72,650	525,098	597,748	5,583	3,420	52,483	691,402
2019	27,364	1,800	72,650	525,098	597,748	5,583	3,420	52,483	688,398
2020	27,364	1,800	72,650	525,098	597,748	5,583	3,420	52,483	688,398
2021	27,364	1,800	72,650	525,098	597,748	5,583	3,420	52,483	688,398
2022	27,364	1,800	72,650	525,098	597,748	5,583	3,420	52,483	688,398
2023	27,364	1,800	72,650	525,098	597,748	5,583	3,420	52,483	688,398
2024	27,364	1,800	72,650	525,098	597,748	5,583	3,420	52,483	688,398
2025	27,364	1,800	72,650	525,098	597,748	5,583	3,420	52,483	688,398
2026	27,364	1,800	72,650	525,098	597,748	5,583	3,420	52,483	688,398
2027	27,364	1,800	72,650	525,098	597,748	5,583	3,420	52,483	688,398
2028	27,364	1,800	72,650	525,098	597,748	5,583	3,420	52,483	688,398
2029	27,364	1,800	72,650	525,098	597,748	5,583	3,420	52,483	688,398
2030	27,364	1,800	72,650	525,098	597,748	5,583	3,420	52,483	688,398
2031	27,364	1,800	72,650	525,098	597,748	5,583	3,420	52,483	688,398
2032	27,364	1,800	72,650	525,098	597,748	5,583	3,420	52,483	688,398
2033	27,364	1,800	72,650	525,098	597,748	5,583	3,420	52,483	688,398
2034	27,364	1,800	72,650	525,098	597,748	5,583	3,420	52,483	688,398
2035	27,364	1,800	72,650	525,098	597,748	5,583	3,420	52,483	688,398
TOTAL	**2,595,339**	**136,539**	**4,175,840**	**43,475,118**	**47,650,958**	**273,826**	**261,269**	**4,873,221**	**55,791,152**

TABLE B-5B Annual Water Quantities Delivered to Each Contractor (acre-feet)

Sheet 3 of 4

Calendar Year	SOUTHERN CALIFORNIA AREA									
	AVEK	Castaic Lake[c]	Coachella	Crestline	Desert	Littlerock	Mojave	Palmdale	San Bernardino	San Gabriel
	[20]	[21]	[22]	[23]	[24]	[25]	[26]	[27]	[28]	[29]
1962	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0
1968	0	7,382	0	0	0	0	0	0	0	0
1969	0	9,970	0	0	0	0	0	0	0	0
1970	0	11,739	0	0	0	0	0	0	0	0
1971	0	12,490	0	0	0	0	0	0	0	0
1972	53	13,905	0	464	0	338	55	0	1,275	0
1973	20	9,418	5,800	389	9,000	290	0	0	32,426	0
1974	1,259	9,700	6,400	627	10,000	400	14	0	16,605	612
1975	8,068	10,700	7,000	825	11,000	520	0	0	13,865	5,450
1976	27,782	11,700	7,600	1,002	12,000	589	0	0	12,273	6,071
1977	11,202	5,075	0	1,109	0	111	80	0	24,833	8,996
1978	44,137	11,362	10,084	1,209	15,300	208	0	0	4,055	7,771
1979	60,493	19,145	10,063	1,260	15,000	133	4,000	0	18	290
1980	72,407	15,092	10,884	1,239	17,000	191	4,000	0	0	1,085
1981	79,375	18,461	12,105	1,485	19,000	1,270	4,000	0	16,021	3,619
1982	50,291	22,216	13,326	1,238	21,000	0	10,500	0	8,409	12,599
1983	32,961	22,135	14,547	911	23,000	38	0	0	5,994	734
1984	32,662	24,218	15,768	1,128	25,000	1	0	0	5,556	7,656
1985	37,064	24,500	16,989	1,422	27,000	0	0	1,558	7,390	5,028
1986	32,449	27,229	18,210	1,506	29,000	163	0	3,096	6,421	9,454
1987	34,089	27,988	19,431	1,849	31,500	1,085	17	5,379	18,751	10,630
1988	34,079	30,438	20,652	2,006	34,000	419	9	1,770	21,386	8,948
1989	45,280	36,364	21,873	2,170	36,500	971	200	9,009	20,782	12,839
1990	47,206	28,579	23,100	1,827	38,100	1,747	0	8,608	18,831	16,649
1991	9,568	4,562	6,930	849	11,430	522	3,423	3,914	3,661	5,399
1992	30,265	20,699	10,427	519	17,197	251	10,686	4,035	3,358	7,908
1993	43,102	23,039	23,100	439	38,100	734	11,514	7,761	4,361	14,397
1994	49,153	26,441	14,102	785	23,257	1,098	16,852	8,418	9,135	15,230
1995	47,286	27,233	23,100	409	38,100	480	8,722	6,961	696	12,922
1996	56,356	32,500	62,219	485	102,622	494	7,427	11,434	6,064	15,989
1997	62,393	27,712	68,340	651	69,990	444	10,374	11,861	9,654	18,175
1998	52,926	20,093	85,709	187	70,647	404	3,925	8,752	1,878	9,310
1999	69,073	32,899	50,480	1,132	58,100	342	8,144	13,278	12,874	21,729
2000	83,577	40,680	42,323	1,194	58,234	0	11,380	9,060	18,399	15,140
2001	62,857	31,939	9,100	1,057	15,010	0	4,433	10,427	26,488	2,360
2002	58,171	68,817	16,755	2,189	27,640	0	4,346	18,496	72,069	24,851
2003	60,029	55,736	14,443	1,563	23,819	0	14,435	11,547	26,113	21,934
2004	59,731	83,761	15,465	2,006	21,190	0	13,176	12,162	57,030	12,541
2005	59,831	59,456	42,519	807	49,089	0	13,561	11,712	31,550	13,984
2006	80,384	62,752	121,100	641	50,000	0	34,014	12,492	35,331	16,284
2007	80,203	60,190	73,228	1,768	30,234	0	46,109	19,634	57,116	4,024
2008	54,436	42,878	46,791	848	26,428	25	25,396	14,255	35,145	7,212
2009	45,670	42,085	46,022	894	18,263	42	29,047	15,339	39,346	11,520
2010	58,489	57,900	85,592	357	31,183	0	38,152	10,969	49,379	19,180
2011	94,046	33,191	90,279	474	36,379	0	5,099	16,881	38,126	23,591
2012	111,207	50,473	117,587	624	45,101	0	11,244	18,897	112,972	22,058
2013	51,022	61,754	66,539	1,368	20,791	0	7,483	10,567	32,085	9,252
2014	18,532	29,448	12,870	1,233	3,049	0	3,581	8,406	10,956	1,200
2015	14,308	29,189	37,596	1,253	11,217	0	8,830	5,836	24,380	5,760
2016	87,703	38,001	92,510	2,019	34,016	0	11,859	14,105	54,678	16,088
2017	**88,286**	**57,120**	**83,010**	**3,880**	**33,450**	**0**	**39,928**	**19,543**	**61,160**	**17,280**
2018	88,286	57,120	83,010	3,480	33,450	0	39,928	19,543	59,058	17,280
2019	86,220	57,120	83,010	3,480	33,450	0	42,378	19,543	61,560	17,280
2020	86,220	57,120	83,010	3,480	33,450	0	42,378	19,543	61,560	17,280
2021	86,220	57,120	83,010	3,480	33,450	0	42,378	19,543	61,560	17,280
2022	86,220	57,120	83,010	3,480	33,450	0	42,378	19,543	61,560	17,280
2023	86,220	57,120	83,010	3,480	33,450	0	42,378	19,543	61,560	17,280
2024	86,220	57,120	83,010	3,480	33,450	0	42,378	19,543	61,560	17,280
2025	86,220	57,120	83,010	3,480	33,450	0	42,378	19,543	61,560	17,280
2026	86,220	57,120	83,010	3,480	33,450	0	42,378	19,543	61,560	17,280
2027	86,220	57,120	83,010	3,480	33,450	0	42,378	19,543	61,560	17,280
2028	86,220	57,120	83,010	3,480	33,450	0	42,378	19,543	61,560	17,280
2029	86,220	57,120	83,010	3,480	33,450	0	42,378	19,543	61,560	17,280
2030	86,220	57,120	83,010	3,480	33,450	0	42,378	19,543	61,560	17,280
2031	86,220	57,120	83,010	3,480	33,450	0	42,378	19,543	61,560	17,280
2032	86,220	57,120	83,010	3,480	33,450	0	42,378	19,543	61,560	17,280
2033	86,220	57,120	83,010	3,480	33,450	0	42,378	19,543	61,560	17,280
2034	86,220	57,120	83,010	3,480	33,450	0	42,378	19,543	61,560	17,280
2035	86,220	57,120	83,010	3,480	33,450	0	42,378	19,543	61,560	17,280
TOTAL	**3,793,507**	**2,558,514**	**3,086,148**	**115,937**	**1,940,036**	**13,310**	**1,186,369**	**697,936**	**2,174,473**	**794,789**

[c] Devil's Den Water District merged with Castaic Lake Water Agency effective January 1, 1992.

TABLE B-5B Annual Water Quantities Delivered to Each Contractor (acre-feet)

Sheet 4 of 4

Calendar Year	SOUTHERN CALIFORNIA AREA (continued)				FEATHER RIVER AREA					
	San Gorgonio	Metropolitan	Ventura	Total	Yuba City	Butte	Plumas	Total	South Bay Area Future Contractor	GRAND TOTAL
	[30]	[31]	[32]	[33]	[34]	[35]	[36]	[37]	[38]	[39]
1962	0	0	0	0	0	0	0	0	0	8,906
1963	0	0	0	0	0	0	0	0	0	12,645
1964	0	0	0	0	0	0	0	0	0	20,911
1965	0	0	0	0	0	0	0	0	0	34,026
1966	0	0	0	0	0	0	0	0	0	54,913
1967	0	0	0	0	0	0	0	0	0	56,763
1968	0	0	0	7,382	0	0	0	0	0	294,457
1969	0	0	0	9,970	0	0	0	0	0	268,104
1970	0	0	0	11,739	0	0	70	70	0	369,459
1971	0	0	0	12,490	0	192	64	256	0	654,442
1972	0	71,938	0	88,028	0	186	505	691	0	1,037,770
1973	0	159,883	0	217,226	0	53	679	732	0	737,532
1974	0	277,717	0	323,334	0	127	648	775	0	878,947
1975	0	526,491	0	583,919	0	253	405	658	0	1,230,830
1976	0	618,451	0	697,468	0	527	382	909	0	1,380,124
1977	0	189,755	0	241,161	0	706	303	1,009	0	582,381
1978	0	507,565	0	601,691	0	579	278	857	0	1,458,733
1979	0	477,074	0	587,476	0	302	329	631	0	1,666,457
1980	0	531,727	0	653,625	0	267	295	562	0	1,536,456
1981	0	795,846	0	951,182	0	221	355	576	0	1,918,563
1982	0	691,192	0	830,771	0	334	305	639	0	1,750,862
1983	0	343,521	0	443,841	0	325	262	587	0	1,187,156
1984	0	457,582	0	569,571	108	177	272	557	0	1,591,416
1985	0	683,625	0	804,576	62	308	254	624	0	1,990,295
1986	0	708,840	0	836,368	328	313	317	958	0	1,999,155
1987	0	712,424	0	863,143	88	459	452	999	0	2,131,608
1988	0	902,564	0	1,056,271	303	385	523	1,211	0	2,385,122
1989	0	1,156,698	0	1,342,686	403	300	486	1,189	0	2,853,747
1990	0	1,396,423	4,836	1,585,906	494	380	548	1,422	0	2,582,151
1991	0	391,447	988	442,693	265	328	420	1,013	0	549,113
1992	0	710,313	0	815,658	642	117	485	1,244	0	1,471,454
1993	0	652,190	0	818,737	746	256	444	1,446	0	2,315,235
1994	0	807,866	0	972,337	1,035	329	492	1,856	0	1,861,976
1995	0	436,042	0	601,951	910	203	308	1,421	0	2,031,423
1996	0	593,380	0	888,970	820	257	360	1,437	0	2,543,472
1997	0	721,810	1,850	1,003,254	1,005	185	231	1,421	0	2,405,444
1998	0	410,065	1,850	665,746	1,054	527	0	1,581	0	1,764,963
1999	0	852,617	1,850	1,122,518	1,096	286	0	1,382	0	2,898,961
2000	0	1,522,412	4,050	1,806,449	901	586	0	1,487	0	3,569,072
2001	0	1,023,169	1,850	1,188,690	1,065	513	0	1,578	0	2,175,194
2002	0	1,408,919	4,998	1,707,251	1,181	419	0	1,600	0	2,909,555
2003	116	1,701,615	5,000	1,936,350	1,324	551	0	1,875	0	3,327,811
2004	841	1,724,380	5,250	2,007,533	1,434	1,440	0	2,874	0	3,230,590
2005	692	1,528,045	1,665	1,812,911	1,894	527	0	2,421	0	3,753,874
2006	4,278	1,512,186	1,850	1,931,312	5,342	468	0	5,810	0	3,693,938
2007	3,935	1,499,688	3,000	1,879,129	2,327	956	0	3,283	0	3,284,475
2008	4,905	898,313	3,798	1,160,430	1,923	451	243	2,617	0	2,152,219
2009	6,397	930,871	3,891	1,189,387	2,114	581	200	2,895	0	2,227,564
2010	8,240	1,416,062	4,075	1,779,578	2,331	807	243	3,381	0	2,832,658
2011	10,503	1,686,570	4,000	2,039,139	2,297	1,092	98	3,487	0	3,668,980
2012	11,010	1,224,907	4,353	1,730,433	2,695	1,374	79	4,148	0	2,881,783
2013	9,445	892,550	2,890	1,165,746	4,850	908	366	6,124	0	2,224,875
2014	5,044	387,392	93	481,804	4,237	1,617	251	6,105	0	1,242,286
2015	3,481	573,526	1,000	716,376	3,004	2,763	730	6,497	0	1,498,367
2016	8,335	1,090,014	3,000	1,452,328	3,649	3,141	625	7,415	0	2,435,124
2017	**10,380**	**1,131,900**	**3,000**	**1,548,937**	**5,760**	**270**	**730**	**6,760**	**0**	**2,467,088**
2018	10,380	1,096,644	3,000	1,511,179	5,760	270	730	6,760	0	2,431,901
2019	10,380	1,146,900	3,000	1,564,321	5,760	270	730	6,760	0	2,479,572
2020	10,380	1,146,900	3,000	1,564,321	5,760	270	1,619	7,649	0	2,480,537
2021	10,380	1,146,900	3,000	1,564,321	5,760	270	1,619	7,649	0	2,480,537
2022	10,380	1,146,900	3,000	1,564,321	5,760	270	1,619	7,649	0	2,480,537
2023	10,380	1,146,900	3,000	1,564,321	5,760	270	1,619	7,649	0	2,480,537
2024	10,380	1,146,900	3,000	1,564,321	5,760	270	1,619	7,649	0	2,480,537
2025	10,380	1,146,900	3,000	1,564,321	5,760	270	1,619	7,649	0	2,480,537
2026	10,380	1,146,900	3,000	1,564,321	5,760	270	1,619	7,649	0	2,480,537
2027	10,380	1,146,900	3,000	1,564,321	5,760	270	1,619	7,649	0	2,480,537
2028	10,380	1,146,900	3,000	1,564,321	5,760	270	1,619	7,649	0	2,480,537
2029	10,380	1,146,900	3,000	1,564,321	5,760	270	1,619	7,649	0	2,480,537
2030	10,380	1,146,900	3,000	1,564,321	5,760	270	1,619	7,649	0	2,480,537
2031	10,380	1,146,900	3,000	1,564,321	5,760	270	1,619	7,649	0	2,480,537
2032	10,380	1,146,900	3,000	1,564,321	5,760	270	1,619	7,649	0	2,480,537
2033	10,380	1,146,900	3,000	1,564,321	5,760	270	1,619	7,649	0	2,480,537
2034	10,380	1,146,900	3,000	1,564,321	5,760	270	1,619	7,649	0	2,480,537
2035	10,380	1,146,900	3,000	1,564,321	5,760	270	1,619	7,649	0	2,480,537
TOTAL	**274,442**	**59,531,509**	**123,137**	**76,290,107**	**161,367**	**32,206**	**41,401**	**234,974**	**0**	**144,691,490**

TABLE B-6 Annual Water Quantities Conveyed through Each Pumping and Power Recovery Plant of Project Transportation Facilities (acre-feet)

	NORTH BAY AQUEDUCT											
	Barker Slough Pumping Plant				Cordelia Pumping Plant Solano				Cordelia Pumping Plant Napa			
Calendar Year	Initial Fill Water	Operational Losses	Water Supply Delivery	Total	Initial Fill Water	Operational Losses	Water Supply Delivery	Total	Initial Fill Water	Operational Losses	Water Supply Delivery[a]	Total
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]	[11]	[12]
1961	0	0	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	24	(10)	1,214	1,228
1969	0	0	0	0	0	0	0	0	0	2	2,687	2,689
1970	0	0	0	0	0	0	0	0	0	18	3,618	3,636
1971	0	0	0	0	0	0	0	0	0	4	2,521	2,525
1972	0	0	0	0	0	0	0	0	0	(10)	3,647	3,637
1973	0	0	0	0	0	0	0	0	0	1	3,792	3,793
1974	0	0	0	0	0	0	0	0	0	10	4,870	4,880
1975	0	0	0	0	0	0	0	0	0	10	6,840	6,850
1976	0	0	0	0	0	0	0	0	0	4	7,122	7,126
1977	0	0	0	0	0	0	0	0	0	2	8,226	8,228
1978	0	0	0	0	0	0	0	0	0	(6)	6,034	6,028
1979	0	0	0	0	0	0	0	0	0	1	6,561	6,562
1980	0	0	0	0	0	0	0	0	0	(3)	6,707	6,704
1981	0	0	0	0	0	0	0	0	0	8	9,001	9,009
1982	0	0	0	0	0	0	0	0	0	(8)	1,213	1,205
1983	0	0	0	0	0	0	0	0	0	(12)	2,287	2,275
1984	0	0	0	0	0	0	0	0	0	(15)	2,923	2,908
1985	0	0	0	0	0	0	0	0	0	13	4,039	4,052
1986	0	0	0	0	0	0	0	0	0	(4)	3,519	3,515
1987	0	0	0	0	0	0	0	0	0	0	7,693	7,693
1988	1	283	15,118	15,402	0	0	9,725	9,725	1	(1)	5,392	5,392
1989	0	758	23,451	24,209	0	0	17,246	17,246	0	(4)	6,195	6,191
1990	0	3	26,071	26,074	0	(634)	15,856	15,222	0	3	6,940	6,943
1991	0	667	8,352	9,019	0	124	3,855	3,979	0	198	1,380	1,578
1992	0	1,643	18,774	20,417	0	0	9,220	9,220	0	0	4,001	4,001
1993	0	1,153	34,466	35,619	0	0	14,471	14,471	0	0	5,286	5,286
1994	0	780	32,048	32,828	0	(6)	14,913	14,907	0	0	6,792	6,792
1995	0	908	26,527	27,435	0	0	15,893	15,893	0	0	5,182	5,182
1996	0	1,354	34,892	36,246	0	0	17,069	17,069	0	0	4,893	4,893
1997	0	1,422	37,871	39,293	0	0	17,501	17,501	0	0	4,341	4,341
1998	0	1,343	35,125	36,468	0	0	18,204	18,204	0	0	5,359	5,359
1999	0	2,522	40,057	42,579	0	0	19,562	19,562	0	0	5,304	5,304
2000	0	1,853	41,973	43,826	0	4	21,525	21,529	0	180	4,958	5,138
2001	0	1,760	43,931	45,691	0	0	19,737	19,737	0	0	9,345	9,345
2002	0	496	45,435	45,931	0	0	19,719	19,719	0	0	6,875	6,875
2003	0	3,991	41,597	45,588	0	0	16,700	16,700	0	0	7,637	7,637
2004	0	2,181	51,136	53,317	0	0	21,686	21,686	0	0	8,499	8,499
2005	0	935	45,488	46,423	0	0	19,189	19,189	0	0	8,009	8,009
2006	0	1,005	43,305	44,310	0	0	18,651	18,651	0	0	8,081	8,081
2007	0	1,189	58,257	59,446	0	0	27,793	27,793	0	0	11,277	11,277
2008	0	845	54,612	55,457	0	0	19,436	19,436	0	255	13,740	13,995
2009	0	537	41,854	42,391	0	0	15,473	15,473	0	130	11,377	11,507
2010	0	809	43,233	44,042	0	0	12,788	12,788	0	254	12,847	13,101
2011	0	803	39,309	40,112	0	0	12,832	12,832	0	213	11,275	11,488
2012	0	686	39,254	39,940	0	0	12,886	12,886	0	196	9,860	10,056
2013	0	1,150	48,407	49,557	0	0	19,404	19,404	0	350	12,478	12,828
2014	0	2,597	33,843	36,440	0	0	12,366	12,366	0	970	14,123	15,093
2015	0	144	35,035	35,179	0	0	15,321	15,321	0	76	11,133	11,209
2016	0	51	45,474	45,525	0	0	18,035	18,035	0	5	13,731	13,736
2017	**0**	**51**	**46,070**	**46,121**	**0**	**0**	**7,893**	**7,893**	**0**	**5**	**17,415**	**17,420**
2018	0	51	46,070	46,121	0	0	7,893	7,893	0	5	17,415	17,420
2019	0	51	46,069	46,120	0	0	7,893	7,893	0	5	17,415	17,420
2020	0	51	46,069	46,120	0	0	7,893	7,893	0	5	17,415	17,420
2021	0	51	46,069	46,120	0	0	7,893	7,893	0	5	17,415	17,420
2022	0	51	46,069	46,120	0	0	7,893	7,893	0	5	17,415	17,420
2023	0	51	46,069	46,120	0	0	7,893	7,893	0	5	17,415	17,420
2024	0	51	46,069	46,120	0	0	7,893	7,893	0	5	17,415	17,420
2025	0	51	46,069	46,120	0	0	7,893	7,893	0	5	17,415	17,420
2026	0	51	46,069	46,120	0	0	7,893	7,893	0	5	17,415	17,420
2027	0	51	46,069	46,120	0	0	7,893	7,893	0	5	17,415	17,420
2028	0	51	46,069	46,120	0	0	7,893	7,893	0	5	17,415	17,420
2029	0	51	46,069	46,120	0	0	7,893	7,893	0	5	17,415	17,420
2030	0	51	46,069	46,120	0	0	7,893	7,893	0	5	17,415	17,420
2031	0	51	46,069	46,120	0	0	7,893	7,893	0	5	17,415	17,420
2032	0	51	46,069	46,120	0	0	7,893	7,893	0	5	17,415	17,420
2033	0	51	46,069	46,120	0	0	7,893	7,893	0	5	17,415	17,420
2034	0	51	46,069	46,120	0	0	7,893	7,893	0	5	17,415	17,420
2035	0	51	46,069	46,120	0	0	7,893	7,893	0	5	17,415	17,420

[a] For the period 1968 through 1987, deliveries are non-SWP water pumped through an interim facility.

TABLE B-6 Annual Water Quantities Conveyed through Each Pumping and Power Recovery Plant of Project Transportation Facilities (acre-feet)

	SOUTH BAY AQUEDUCT						CALIFORNIA AQUEDUCT							
							NORTH SAN JOAQUIN DIVISION							
	South Bay Pumping Plant						Banks Pumping Plant							
							Transportation Water							
				Deliveries						Deliveries				
Calendar Year	Initial Fill Water	Operational Losses	Reservoir Storage Changes	Water Supply[b]	Recreation	Total	Initial Fill Water	Operational Losses	Reservoir Storage Changes	Water Supply	Recreation	Total	Conservation Water	Total
	[13]	[14]	[15]	[16]	[17]	[18]	[19]	[20]	[21]	[22]	[23]	[24]	[25]	[26]
1961	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1962	9	272	0	8,906	0	9,187	0	0	0	0	0	0	0	0
1963	71	185	0	12,645	0	12,901	0	0	0	0	0	0	0	0
1964	171	152	0	20,911	0	21,234	0	0	0	0	0	0	0	0
1965	93	729	0	34,026	0	34,848	0	0	0	0	0	0	0	0
1966	0	1,746	0	54,913	0	56,659	0	0	0	0	0	0	0	0
1967	0	1,677	0	56,763	0	58,440	5,746	1,183	0	11,538	0	18,467	2,957	21,424
1968	0	1,847	0	101,055	0	102,902	11,079	74,464	0	293,243	0	378,786	531,275	910,061
1969	3,449	2,668	0	69,712	0	75,829	7,336	44,287	0	265,417	0	317,040	531,185	848,225
1970	16,279	1,086	(5,355)	89,560	0	101,570	23,947	20,767	(5,355)	365,771	0	405,130	(12,995)	392,135
1971	0	1,815	8,854	98,584	0	109,253	23,207	(10,754)	8,854	651,665	8	672,980	7,708	680,688
1972	0	3,557	2,273	138,426	0	144,256	145,066	9,057	(4,285)	1,033,432	6,489	1,189,759	48,300	1,238,059
1973	0	(33)	(1,510)	94,078	0	92,535	214,941	(4,951)	2,902	733,008	1,155	947,055	55,846	1,002,901
1974	0	1,287	(10,056)	89,318	0	80,549	247,894	(11,526)	(32,510)	873,302	2,118	1,079,278	54,683	1,133,961
1975	0	320	8,550	93,604	0	102,474	110,149	(8,092)	16,101	1,223,332	3,377	1,344,867	(102,625)	1,242,242
1976	0	2,431	1,391	126,431	141	130,394	67,834	5,443	(244,124)	1,372,093	1,745	1,202,991	(442,348)	760,643
1977	0	2,866	2,685	107,704	112	113,367	0	39,897	(157,543)	573,146	1,111	456,611	(13,507)	443,104
1978	0	2,165	(11,249)	112,574	126	103,616	67,457	(36,898)	35,129	1,451,842	1,177	1,518,707	752,075	2,270,782
1979	0	2,401	1,069	122,190	89	125,749	17,397	60,958	(32,307)	1,659,265	1,398	1,706,711	(112,053)	1,594,658
1980	0	1,758	(6,563)	115,824	123	111,142	3,159	58,484	(275,538)	1,529,187	2,131	1,317,423	186,601	1,504,024
1981	0	2,627	13,742	129,507	121	145,997	46,060	85,350	40,536	1,908,986	4,974	2,085,906	(931,878)	1,154,028
1982	0	2,344	(23,928)	107,439	129	85,984	5,979	61,556	99,897	1,743,145	4,646	1,915,223	347,983	2,263,206
1983	0	2,151	(22,886)	94,656	132	74,053	6,071	47,022	(310,477)	1,184,282	7,853	934,751	835,771	1,770,522
1984	0	2,088	8,442	98,122	158	108,810	38,649	97,143	(108,548)	1,587,936	5,874	1,621,054	21,875	1,642,929
1985	0	2,817	(1,607)	122,088	152	123,450	0	110,469	137,783	1,985,632	5,452	2,239,336	(110,569)	2,128,767
1986	0	2,299	(1,850)	110,988	130	111,567	0	90,799	20,177	1,993,278	3,865	2,108,119	200,298	2,308,417
1987	0	2,625	(584)	136,796	137	138,974	0	91,427	(23,116)	2,121,366	7,672	2,197,349	(458,725)	1,738,624
1988	0	2,884	(698)	147,255	142	149,583	0	107,249	(35,484)	2,368,793	4,889	2,445,447	(303,583)	2,141,864
1989	0	2,673	3,296	142,269	152	148,390	0	117,603	(38,058)	2,829,107	8,135	2,916,787	421,131	3,337,918
1990	0	894	1,982	156,537	168	159,581	0	99,059	(290,965)	2,554,658	9,262	2,372,014	(374,027)	1,997,987
1991	0	2,637	(4,532)	50,259	150	48,514	0	80,106	(79,038)	539,748	4,879	545,695	554,904	1,100,599
1992	0	2,881	756	76,661	147	80,445	0	91,391	(218,170)	1,451,436	2,605	1,327,262	61,343	1,388,605
1993	0	1,940	(20,051)	105,971	143	88,003	0	149,372	(273,789)	2,279,323	2,609	2,157,515	849,249	3,006,764
1994	0	1,981	1,714	100,568	168	104,431	0	148,712	(120,985)	1,828,072	3,803	1,859,602	(324,640)	1,534,962
1995	0	1,188	(12,333)	76,640	146	65,641	0	173,074	(397,605)	2,003,475	2,575	1,781,519	293,159	2,074,678
1996	0	981	(1,990)	77,215	150	76,356	0	123,502	78,123	2,507,143	3,902	2,712,670	288,576	3,001,246
1997	0	1,575	5,016	102,186	155	108,932	527	135,106	(98,334)	2,366,152	2,594	2,406,045	(50,000)	2,356,045
1998	0	1,551	3,595	70,876	114	76,136	0	91,319	(346,039)	1,728,257	2,107	1,475,644	120,886	1,596,530
1999	0	2,166	12,313	100,497	139	115,115	0	135,809	(17,569)	2,855,522	4,301	2,978,063	(307,839)	2,670,224
2000	0	2,346	(20,958)	135,533	145	117,066	0	115,895	(13,232)	3,474,523	5,182	3,582,368	(15,487)	3,566,881
2001	0	2,784	1,301	95,335	196	99,616	0	222,144	(17,529)	1,874,096	1,978	2,080,689	86,928	2,167,617
2002	0	2,534	(13,938)	123,577	146	112,319	0	225,032	36,404	2,816,389	4,672	3,082,497	(151,719)	2,930,778
2003	0	2,920	(1,399)	132,714	131	134,366	0	329,699	(49,580)	3,193,449	11,362	3,484,930	225,348	3,710,278
2004	0	2,982	(7,240)	125,928	150	121,820	0	83,788	(4,079)	2,979,217	1,337	3,060,263	103,811	3,164,074
2005	0	2,823	(3,565)	108,136	154	107,548	0	151,931	(163,243)	3,665,023	1,270	3,654,981	535,754	4,190,735
2006	0	2,989	(9,645)	118,272	169	111,785	0	67,040	(129,767)	3,571,009	1,208	3,509,490	43,481	3,552,971
2007	0	2,840	14,928	134,172	146	152,086	0	73,956	133,124	2,736,094	830	2,944,004	(398,297)	2,545,707
2008	0	2,215	880	116,562	166	119,823	0	130,066	(3,350)	1,413,730	1,082	1,541,528	(397,949)	1,143,579
2009	0	1,999	(1,134)	116,947	108	117,920	0	111,805	(1,860)	1,572,819	2,023	1,684,787	928,666	2,613,453
2010	0	1,717	3,436	95,802	117	101,072	0	203,757	51,667	2,243,593	1,163	2,500,180	37,606	2,537,786
2011	0	1,534	(2,332)	112,952	122	112,276	0	314,282	(21,148)	3,315,056	1,588	3,609,778	165,312	3,775,090
2012	0	2,025	5,931	112,056	150	120,162	0	143,580	20,504	2,607,588	1,606	2,773,278	(473,745)	2,299,533
2013	0	2,753	(5,596)	147,119	137	144,413	0	173,145	(6,654)	1,753,556	1,641	1,921,688	(123,957)	1,797,731
2014	0	3,285	4,951	91,116	46	99,398	0	114,127	36,033	588,005	650	738,815	301,102	1,039,917
2015	0	2,727	(8,482)	117,084	43	111,372	0	109,951	(7,686)	859,939	690	962,894	(140,538)	822,356
2016	0	2,686	9,000	110,523	400	122,609	0	120,595	97,393	2,195,507	8,660	2,422,155	76,703	2,498,858
2017	**0**	**2,401**	**0**	**119,483**	**400**	**122,284**	**0**	**121,618**	**83,000**	**2,414,258**	**8,660**	**2,627,536**	**225,962**	**2,853,498**
2018	0	2,308	0	122,177	400	124,885	0	121,576	38,000	2,379,071	8,660	2,547,307	129,783	2,677,090
2019	0	3,351	0	120,155	400	123,906	0	128,613	50,179	2,426,743	8,660	2,614,195	77,224	2,691,419
2020	0	3,351	0	120,635	400	124,386	0	128,690	(366)	2,426,819	8,660	2,563,803	(8,687)	2,555,116
2021	0	3,351	0	120,635	400	124,386	0	128,769	10,725	2,426,819	8,660	2,574,973	(1,095)	2,573,878
2022	0	3,351	0	120,635	400	124,386	0	128,846	(3,483)	2,426,819	8,660	2,560,842	(185,907)	2,374,935
2023	0	3,351	0	120,635	400	124,386	0	128,818	(18,971)	2,426,819	8,660	2,545,326	115,791	2,661,117
2024	0	3,351	0	120,635	400	124,386	0	128,625	11,289	2,426,819	8,660	2,575,393	79,858	2,655,251
2025	0	3,351	0	120,635	400	124,386	0	130,380	(12,518)	2,426,819	8,660	2,553,341	(247,205)	2,306,136
2026	0	3,351	0	120,635	400	124,386	0	128,700	24,308	2,426,819	8,660	2,588,487	246,850	2,835,337
2027	0	3,351	0	120,635	400	124,386	0	128,692	(17,799)	2,426,819	8,660	2,546,372	(12,304)	2,534,068
2028	0	3,351	0	120,635	400	124,386	0	128,783	12,291	2,426,819	8,660	2,576,553	15,430	2,591,983
2029	0	3,351	0	120,635	400	124,386	0	128,671	(9,046)	2,426,819	8,660	2,555,104	(10,778)	2,544,326
2030	0	3,351	0	120,635	400	124,386	0	128,777	20,756	2,426,819	8,660	2,585,012	124,586	2,709,598
2031	0	3,351	0	120,635	400	124,386	0	128,134	(97,726)	2,426,819	8,660	2,465,887	(259,831)	2,206,056
2032	0	3,351	0	120,635	400	124,386	0	128,005	84,999	2,426,819	8,660	2,648,483	138,527	2,787,010
2033	0	3,351	0	120,635	400	124,386	0	127,876	(94,652)	2,426,819	8,660	2,468,703	(184,372)	2,284,331
2034	0	3,351	0	120,635	400	124,386	0	127,725	69,593	2,426,819	8,660	2,632,797	120,375	2,753,172
2035	0	3,351	0	120,635	400	124,386	0	127,379	(242,659)	2,426,819	8,660	2,320,199	(587,531)	1,732,668

[b] For the period June 1962 through November 1967, deliveries were supplied by non-SWP water.

TABLE B-6 Annual Water Quantities Conveyed through Each Pumping and Power Recovery Plant of Project Transportation Facilities (acre-feet)

	CALIFORNIA AQUEDUCT (continued)											
	SAN LUIS DIVISION						SOUTH SAN JOAQUIN DIVSION					
	Dos Amigos Pumping Plant						Buena Vista Pumping Plant					
				Deliveries						Deliveries		
Calendar Year	Initial Fill Water	Operational Losses	Reservoir Storage Changes	Water Supply	Recreation	Total	Initial Fill Water	Operational Losses	Reservoir Storage Changes	Water Supply	Recreation	Total
	[27]	[28]	[29]	[30]	[31]	[32]	[33]	[34]	[35]	[36]	[37]	[38]
1961	0	0	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0	0
1968	11,079	25,126	0	189,104	0	225,309	0	0	0	0	0	0
1969	3,887	9,922	0	192,689	0	206,498	0	0	0	0	0	0
1970	7,668	1,901	0	270,300	0	279,869	4,779	1,012	0	3	0	5,794
1971	23,207	(12,030)	0	545,869	0	557,046	7,853	8,399	0	101,512	0	117,764
1972	145,066	(6,635)	(6,558)	886,840	6,481	1,025,194	100,274	20,044	(6,558)	223,626	6,481	343,867
1973	214,941	(6,778)	1,329	635,716	1,147	846,355	204,638	35,695	1,329	311,096	1,147	553,905
1974	247,894	(16,765)	(15,295)	780,513	2,108	998,455	237,554	19,672	(15,295)	388,949	2,108	632,988
1975	110,149	(12,144)	(693)	1,126,152	3,358	1,226,822	103,352	26,342	(693)	672,531	3,358	804,890
1976	67,834	(456)	(152,171)	1,241,550	1,581	1,158,338	61,122	29,428	(152,171)	785,055	1,581	725,015
1977	0	26,359	(116,219)	463,970	737	374,847	0	25,173	(116,219)	271,944	560	181,458
1978	67,457	1,905	79,308	1,335,362	680	1,484,712	65,027	17,751	121,904	762,043	674	967,399
1979	17,397	33,884	(51,299)	1,530,926	685	1,531,593	12,302	46,157	(51,299)	737,714	502	745,376
1980	3,159	34,391	(272,825)	1,407,663	1,514	1,173,902	0	49,025	(134,009)	778,059	1,262	694,337
1981	46,060	36,962	23,359	1,775,179	4,348	1,885,908	0	38,942	23,359	1,077,322	4,112	1,143,735
1982	5,979	57,146	116,086	1,631,868	4,205	1,815,284	0	29,059	117,174	990,863	4,045	1,141,141
1983	6,071	63,583	(101,155)	1,085,804	7,475	1,061,778	0	40,205	(101,155)	593,920	7,291	540,261
1984	38,649	109,263	(112,744)	1,484,114	5,391	1,524,673	0	38,487	(114,984)	781,955	5,244	710,702
1985	0	86,772	138,898	1,858,111	4,936	2,088,717	0	42,838	139,689	992,606	4,804	1,179,937
1986	0	51,963	19,989	1,877,183	3,426	1,952,561	0	36,751	37,546	1,014,294	3,285	1,091,876
1987	0	64,827	(25,707)	1,978,945	7,121	2,025,186	0	30,495	(25,522)	1,027,361	6,937	1,039,271
1988	0	72,679	(34,592)	2,217,126	4,490	2,259,703	0	38,804	(29,747)	1,244,196	4,360	1,257,613
1989	0	90,090	(29,411)	2,679,845	7,652	2,748,176	0	29,594	(60,826)	1,532,625	7,490	1,508,883
1990	0	115,074	(11,323)	2,394,999	8,922	2,507,672	0	46,865	(15,092)	1,769,991	8,879	1,810,643
1991	0	92,227	9,325	489,348	4,605	595,505	0	39,274	96,506	446,916	4,560	587,256
1992	0	118,796	(225,603)	1,372,536	2,079	1,267,808	0	28,138	(98,271)	920,978	1,995	852,840
1993	0	136,432	(220,537)	2,170,494	1,864	2,088,253	0	14,186	(128,363)	908,200	1,676	795,699
1994	0	152,414	(78,957)	1,724,433	3,098	1,800,988	0	35,083	(88,211)	1,107,122	2,918	1,056,912
1995	0	137,937	(12,473)	1,921,666	1,711	2,048,841	0	33,963	(16,431)	706,742	1,669	725,943
1996	0	45,591	14,927	2,425,024	2,998	2,488,540	0	31,304	15,438	988,612	2,928	1,038,282
1997	527	107,033	(66,814)	2,247,628	2,090	2,290,464	0	42,670	40,852	1,054,461	2,076	1,140,059
1998	0	95,185	(338,076)	1,664,080	1,589	1,422,778	0	41,910	(106,487)	753,731	1,585	690,739
1999	0	95,262	(2,778)	2,750,154	3,285	2,845,923	0	48,502	(2,807)	1,131,826	3,279	1,180,800
2000	0	134,231	7,726	3,273,337	4,222	3,419,516	0	37,514	7,726	1,814,685	4,216	1,864,141
2001	0	150,830	(18,830)	1,615,776	1,218	1,748,994	0	31,361	(18,830)	1,318,835	1,211	1,332,577
2002	0	92,905	50,342	2,628,462	3,968	2,775,677	0	41,565	50,342	1,831,874	3,961	1,927,742
2003	0	85,360	(48,181)	2,893,333	10,656	2,941,168	0	43,352	(48,181)	1,909,192	10,645	1,915,008
2004	0	25,865	3,161	2,807,825	652	2,837,503	0	41,551	3,161	2,102,371	649	2,147,732
2005	0	62,569	(159,678)	3,423,490	581	3,326,962	0	35,019	(159,678)	1,846,180	559	1,722,080
2006	0	(12,341)	(120,122)	3,501,308	504	3,369,349	0	30,271	(120,122)	2,077,130	504	1,987,783
2007	0	47,736	118,196	2,419,032	312	2,585,276	0	43,400	118,196	2,002,793	305	2,164,694
2008	0	103,375	(4,230)	1,296,068	361	1,395,574	0	39,056	(4,230)	1,275,174	327	1,310,327
2009	0	76,206	(726)	1,318,452	1,367	1,395,299	0	32,900	(726)	1,217,847	1,295	1,251,316
2010	0	76,447	48,231	2,307,963	636	2,433,277	0	43,377	48,231	1,505,105	603	1,597,316
2011	0	66,937	(18,816)	3,343,960	870	3,392,951	0	39,914	(18,816)	1,820,268	742	1,842,108
2012	0	113,586	14,573	2,537,793	942	2,666,894	0	95,029	14,573	1,672,197	938	1,782,737
2013	0	174,857	(1,058)	1,549,837	836	1,724,472	0	105,771	(1,058)	1,275,717	795	1,381,225
2014	0	105,741	31,082	433,625	214	570,662	0	72,181	31,082	523,726	172	627,161
2015	0	103,380	796	724,862	155	829,193	0	46,903	796	738,410	151	786,260
2016	0	63,199	88,393	2,088,613	7,210	2,247,415	0	33,737	88,393	1,492,844	7,010	1,621,984
2017	**0**	**64,552**	**83,000**	**2,290,055**	**7,210**	**2,444,817**	**0**	**35,090**	**83,000**	**1,605,889**	**7,010**	**1,730,989**
2018	0	64,990	38,000	2,252,174	7,210	2,362,374	0	35,528	38,000	1,509,146	7,010	1,589,684
2019	0	70,564	50,179	2,301,868	7,210	2,429,821	0	41,102	50,179	1,512,032	7,010	1,610,323
2020	0	70,628	(366)	2,301,464	7,210	2,378,936	0	41,166	(366)	1,512,032	7,010	1,559,842
2021	0	70,711	10,725	2,301,464	7,210	2,390,110	0	41,249	10,725	1,512,032	7,010	1,571,016
2022	0	70,705	(3,483)	2,301,464	7,210	2,375,896	0	41,243	(3,483)	1,512,032	7,010	1,556,802
2023	0	70,696	(18,971)	2,301,464	7,210	2,360,399	0	41,234	(18,971)	1,512,032	7,010	1,541,305
2024	0	70,575	11,289	2,301,464	7,210	2,390,538	0	41,113	11,289	1,512,032	7,010	1,571,444
2025	0	70,638	(12,518)	2,301,464	7,210	2,366,794	0	41,176	(12,518)	1,512,032	7,010	1,547,700
2026	0	70,650	24,308	2,301,464	7,210	2,403,632	0	41,188	24,308	1,512,032	7,010	1,584,538
2027	0	70,563	(17,799)	2,301,464	7,210	2,361,438	0	41,101	(17,799)	1,512,032	7,010	1,542,344
2028	0	70,703	12,291	2,301,464	7,210	2,391,668	0	41,241	12,291	1,512,032	7,010	1,572,574
2029	0	70,630	(9,046)	2,301,464	7,210	2,370,258	0	41,168	(9,046)	1,512,032	7,010	1,551,164
2030	0	70,694	20,756	2,301,464	7,210	2,400,124	0	41,232	20,756	1,512,032	7,010	1,581,030
2031	0	70,566	(97,726)	2,301,464	7,210	2,281,514	0	41,104	(97,726)	1,512,032	7,010	1,462,420
2032	0	70,168	84,999	2,301,464	7,210	2,463,841	0	40,706	84,999	1,512,032	7,010	1,644,747
2033	0	70,373	(94,652)	2,301,464	7,210	2,284,395	0	40,911	(94,652)	1,512,032	7,010	1,465,301
2034	0	69,865	69,593	2,301,464	7,210	2,448,132	0	40,403	69,593	1,512,032	7,010	1,629,038
2035	0	69,205	(242,659)	2,301,464	7,210	2,135,220	0	39,743	(242,659)	1,512,032	7,010	1,316,126

TABLE B-6 Annual Water Quantities Conveyed through Each Pumping and Power Recovery Plant of Project Transportation Facilities (acre-feet)

	CALIFORNIA AQUEDUCT (continued)											
	SOUTH SAN JOAQUIN DIVSION (continued)											
	Teerink Pumping Plant						Chrisman Pumping Plant					
				Deliveries						Deliveries		
Calendar Year	Initial Fill Water	Operational Losses	Reservoir Storage Changes	Water Supply	Recreation	Total	Initial Fill Water	Operational Losses	Reservoir Storage Changes	Water Supply	Recreation	Total
	[39]	[40]	[41]	[42]	[43]	[44]	[45]	[46]	[47]	[48]	[49]	[50]
1961	0	0	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	0	0	0	0
1970	198	2	0	0	0	200	0	0	0	0	0	0
1971	7,533	(112)	0	3,552	0	10,973	7,366	(159)	0	0	0	7,207
1972	100,274	12,765	(6,558)	84,955	6,481	197,917	100,274	13,160	(6,558)	78,891	6,481	192,248
1973	204,638	21,543	1,329	229,685	1,147	458,342	204,638	32,414	1,329	209,769	1,147	449,297
1974	237,554	11,843	(15,295)	336,198	2,108	572,408	237,554	17,655	(15,295)	318,198	2,108	560,220
1975	103,352	19,763	(693)	621,706	3,358	747,486	103,352	25,326	(693)	586,286	3,358	717,629
1976	61,122	18,552	(152,171)	740,486	1,581	669,570	61,122	21,468	(152,171)	700,935	1,581	632,935
1977	0	16,415	(116,219)	246,349	560	147,105	0	15,698	(116,219)	240,191	560	140,230
1978	65,027	28,820	121,904	631,121	674	847,546	65,027	26,705	121,904	599,973	674	814,283
1979	12,302	50,663	(51,299)	625,561	502	637,729	12,302	50,580	(51,299)	586,959	502	599,044
1980	0	48,825	(134,009)	696,405	1,262	612,483	0	58,085	(134,009)	658,588	1,262	583,926
1981	0	51,600	23,359	998,307	4,112	1,077,378	0	48,844	23,359	959,274	4,112	1,035,589
1982	0	44,353	117,332	878,486	4,045	1,044,216	0	33,541	117,277	830,704	4,045	985,567
1983	0	43,961	(101,155)	487,915	7,291	438,012	0	34,698	(101,155)	450,489	7,291	391,323
1984	0	45,999	(115,088)	632,262	5,244	568,417	0	33,132	(115,092)	582,414	5,244	505,698
1985	0	50,106	139,973	854,684	4,804	1,049,567	0	54,831	139,954	810,606	4,804	1,010,195
1986	0	38,747	37,546	882,300	3,285	961,878	0	41,421	37,546	839,839	3,285	922,091
1987	0	47,815	(25,522)	897,905	6,937	927,135	0	33,195	(25,522)	863,157	6,937	877,767
1988	0	53,815	(29,747)	1,097,643	4,360	1,126,071	0	39,775	(29,747)	1,055,649	4,360	1,070,037
1989	0	49,088	(60,826)	1,382,599	7,490	1,378,351	0	42,307	(60,826)	1,339,358	7,490	1,328,329
1990	0	66,868	(15,092)	1,627,246	8,879	1,687,901	0	56,663	(15,092)	1,590,893	8,879	1,641,343
1991	0	40,564	105,176	446,148	4,560	596,448	0	34,016	105,176	446,148	4,560	589,900
1992	0	31,820	(92,123)	844,376	1,995	786,068	0	34,477	(92,123)	820,133	1,995	764,482
1993	0	27,158	(127,738)	799,143	1,676	700,239	0	28,614	(127,738)	771,146	1,676	673,698
1994	0	50,802	(88,211)	1,007,214	2,918	972,723	0	57,203	(88,211)	977,703	2,918	949,613
1995	0	48,705	(16,431)	586,829	1,669	620,772	0	36,309	(16,431)	560,695	1,669	582,242
1996	0	58,437	15,438	836,819	2,928	913,622	0	43,710	15,438	800,633	2,928	862,709
1997	0	73,656	40,852	918,124	2,076	1,034,708	0	62,275	40,852	881,843	2,076	987,046
1998	0	61,137	(106,487)	656,796	1,585	613,031	0	47,523	(106,487)	628,084	1,585	570,705
1999	0	77,334	(2,807)	1,011,608	3,279	1,089,414	0	55,514	(2,807)	974,807	3,279	1,030,793
2000	0	87,084	7,726	1,691,120	4,216	1,790,146	0	49,690	7,726	1,651,057	4,216	1,712,689
2001	0	71,588	(18,830)	1,233,862	1,211	1,287,831	0	54,742	(18,830)	1,202,670	1,211	1,239,793
2002	0	108,309	50,342	1,740,813	3,961	1,903,425	0	69,443	50,342	1,699,261	3,961	1,823,007
2003	0	106,973	(48,181)	1,825,617	10,645	1,895,054	0	57,291	(48,181)	1,789,015	10,645	1,808,770
2004	0	122,559	3,161	2,032,528	649	2,158,897	0	60,847	3,161	1,992,344	649	2,057,001
2005	0	99,523	(159,678)	1,751,799	559	1,692,203	0	53,502	(159,678)	1,711,929	559	1,606,312
2006	0	128,022	(120,122)	1,967,163	504	1,975,567	0	46,463	(120,122)	1,920,919	504	1,847,764
2007	0	139,502	118,196	1,910,800	305	2,168,803	0	59,454	118,196	1,863,410	305	2,041,365
2008	0	97,209	(4,230)	1,201,345	327	1,294,651	0	51,709	(4,230)	1,168,316	327	1,216,122
2009	0	88,574	(726)	1,169,477	1,295	1,258,620	0	43,229	(726)	1,146,258	1,295	1,190,056
2010	0	92,345	48,231	1,409,122	603	1,550,301	0	59,808	48,231	1,389,990	603	1,498,632
2011	0	114,286	(18,816)	1,695,956	742	1,792,168	0	67,210	(18,816)	1,653,798	742	1,702,934
2012	0	114,502	14,573	1,537,522	938	1,667,535	0	70,999	14,573	1,510,007	938	1,596,517
2013	0	116,975	(1,058)	1,190,730	795	1,307,442	0	69,572	(1,058)	1,162,989	795	1,232,298
2014	0	70,655	31,082	489,254	172	591,163	0	52,458	31,082	484,432	172	568,144
2015	0	67,819	796	738,123	151	806,889	0	56,466	796	733,481	151	790,894
2016	0	30,107	88,393	1,434,458	7,010	1,559,968	0	29,857	88,393	1,413,649	7,010	1,538,909
2017	**0**	**31,460**	**83,000**	**1,525,589**	**7,010**	**1,647,059**	**0**	**31,210**	**83,000**	**1,499,789**	**7,010**	**1,621,009**
2018	0	31,898	38,000	1,428,846	7,010	1,505,754	0	31,648	38,000	1,403,046	7,010	1,479,704
2019	0	37,472	50,179	1,431,732	7,010	1,526,393	0	37,222	50,179	1,405,932	7,010	1,500,343
2020	0	37,536	(366)	1,431,732	7,010	1,475,912	0	37,286	(366)	1,405,932	7,010	1,449,862
2021	0	37,619	10,725	1,431,732	7,010	1,487,086	0	37,369	10,725	1,405,932	7,010	1,461,036
2022	0	37,613	(3,483)	1,431,732	7,010	1,472,872	0	37,363	(3,483)	1,405,932	7,010	1,446,822
2023	0	37,604	(18,971)	1,431,732	7,010	1,457,375	0	37,354	(18,971)	1,405,932	7,010	1,431,325
2024	0	37,483	11,289	1,431,732	7,010	1,487,514	0	37,233	11,289	1,405,932	7,010	1,461,464
2025	0	37,546	(12,518)	1,431,732	7,010	1,463,770	0	37,296	(12,518)	1,405,932	7,010	1,437,720
2026	0	37,558	24,308	1,431,732	7,010	1,500,608	0	37,308	24,308	1,405,932	7,010	1,474,558
2027	0	37,471	(17,799)	1,431,732	7,010	1,458,414	0	37,221	(17,799)	1,405,932	7,010	1,432,364
2028	0	37,611	12,291	1,431,732	7,010	1,488,644	0	37,361	12,291	1,405,932	7,010	1,462,594
2029	0	37,538	(9,046)	1,431,732	7,010	1,467,234	0	37,288	(9,046)	1,405,932	7,010	1,441,184
2030	0	37,602	20,756	1,431,732	7,010	1,497,100	0	37,352	20,756	1,405,932	7,010	1,471,050
2031	0	37,474	(97,726)	1,431,732	7,010	1,378,490	0	37,224	(97,726)	1,405,932	7,010	1,352,440
2032	0	37,076	84,999	1,431,732	7,010	1,560,817	0	36,826	84,999	1,405,932	7,010	1,534,767
2033	0	37,281	(94,652)	1,431,732	7,010	1,381,371	0	37,031	(94,652)	1,405,932	7,010	1,355,321
2034	0	36,773	69,593	1,431,732	7,010	1,545,108	0	36,523	69,593	1,405,932	7,010	1,519,058
2035	0	36,113	(242,659)	1,431,732	7,010	1,232,196	0	35,863	(242,659)	1,405,932	7,010	1,206,146

TABLE B-6 Annual Water Quantities Conveyed through Each Pumping and Power Recovery Plant of Project Transportation Facilities (acre-feet)

	CALIFORNIA AQUEDUCT (continued)											
	TEHACHAPI DIVSION						MOJAVE DIVISION					
	Edmonston Pumping Plant						Alamo Pumping Plant					
				Deliveries						Deliveries		
Calendar Year	Initial Fill Water	Operational Losses	Reservoir Storage Changes	Water Supply	Recreation	Total	Initial Fill Water	Operational Losses	Reservoir Storage Changes	Water Supply	Recreation	Total
	[51]	[52]	[53]	[54]	[55]	[56]	[57]	[58]	[59]	[60]	[61]	[62]
1961	0	0	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0	0	0	0	0	0
1971	5,446	8	0	0	0	5,454	0	0	0	0	0	0
1972	100,274	16,067	(6,558)	74,123	6,481	190,387	0	0	0	0	0	0
1973	204,638	34,051	1,329	207,808	1,147	448,973	0	0	0	0	0	0
1974	237,554	18,181	(15,295)	313,634	2,108	556,182	0	0	0	0	0	0
1975	103,352	20,183	(693)	573,219	3,358	699,419	0	0	0	0	0	0
1976	61,122	21,096	(152,171)	685,768	1,581	617,396	0	0	0	0	0	0
1977	0	18,424	(116,219)	236,086	560	138,851	0	0	0	0	0	0
1978	65,027	20,887	121,904	590,329	674	798,821	0	0	0	0	0	0
1979	12,302	46,332	(51,299)	568,338	502	576,175	0	0	0	0	0	0
1980	0	52,967	(134,009)	639,743	1,262	559,963	0	0	0	0	0	0
1981	0	40,602	23,359	938,482	4,112	1,006,555	0	0	0	0	0	0
1982	0	37,244	117,296	812,206	4,045	970,791	0	0	0	0	0	0
1983	0	40,690	(101,155)	431,182	7,291	378,008	0	0	0	0	0	0
1984	0	42,112	(115,214)	556,830	5,244	488,972	0	0	0	0	0	0
1985	0	45,265	139,988	792,477	4,804	982,534	0	0	0	0	0	0
1986	0	36,918	37,546	823,067	3,285	900,816	0	14,735	12,258	429,864	1,508	458,365
1987	0	29,580	(25,522)	851,322	6,937	862,317	0	11,665	(15,270)	417,870	1,239	415,504
1988	0	42,017	(29,747)	1,044,737	4,360	1,061,367	0	21,696	1,101	537,568	971	561,336
1989	0	32,270	(60,826)	1,328,041	7,490	1,306,975	0	4,686	(20,363)	716,360	1,407	702,090
1990	0	42,198	(15,092)	1,579,466	8,879	1,615,451	0	8,898	(5,916)	788,111	1,388	792,481
1991	0	33,999	105,176	441,217	4,560	584,952	0	17,908	34,422	177,308	394	230,032
1992	0	23,121	(92,123)	809,771	1,995	742,764	0	14,873	(17,115)	374,110	423	372,291
1993	0	11,946	(127,738)	759,485	1,676	645,369	0	9,304	(3,455)	308,222	443	314,514
1994	0	40,808	(88,211)	960,815	2,918	916,330	0	21,837	3,395	469,996	430	495,658
1995	0	36,001	(16,431)	542,465	1,669	563,704	0	14,139	(30,761)	384,836	427	368,641
1996	0	37,357	15,438	779,918	2,928	835,641	0	7,247	(11,410)	493,852	565	490,254
1997	0	51,475	40,852	860,798	2,076	955,201	0	20,725	38,960	537,586	507	597,778
1998	0	48,601	(106,487)	607,301	1,585	551,000	0	21,456	16,361	398,385	363	436,565
1999	0	52,726	(2,807)	947,420	3,279	1,000,618	0	26,644	(8,486)	589,756	396	608,310
2000	0	43,072	7,726	1,627,123	4,216	1,682,137	0	8,983	(10,472)	958,997	449	957,957
2001	0	39,544	(18,830)	1,187,300	1,211	1,209,225	0	14,526	3,478	709,985	452	728,441
2002	0	60,037	50,342	1,680,514	3,961	1,794,854	0	15,190	8,398	901,230	490	925,308
2003	0	53,320	(48,181)	1,771,048	10,645	1,786,832	0	13,676	(20,787)	1,035,349	355	1,028,593
2004	0	57,962	3,161	1,970,391	649	2,032,163	0	15,581	17,207	1,120,384	171	1,153,343
2005	0	40,949	(159,678)	1,693,409	559	1,575,239	0	2,561	(50,014)	1,116,158	84	1,068,789
2006	0	52,291	(120,122)	1,898,070	504	1,830,743	0	13,170	8,653	1,281,524	98	1,303,445
2007	0	65,423	118,196	1,836,977	305	2,020,901	0	17,957	(5,091)	1,076,227	103	1,089,196
2008	0	50,959	(4,230)	1,146,056	327	1,193,112	0	14,592	5,383	614,224	80	634,279
2009	0	59,186	(726)	1,125,654	1,295	1,185,409	0	25,599	(5,619)	493,685	1,100	514,765
2010	0	61,816	48,231	1,369,128	603	1,479,778	0	33,660	6,964	956,888	363	997,875
2011	0	64,370	(18,816)	1,632,033	742	1,678,329	0	34,783	(1,405)	1,220,667	500	1,254,545
2012	0	65,684	14,573	1,486,712	938	1,567,907	0	22,523	(229)	892,938	550	915,782
2013	0	69,789	(1,058)	1,141,530	795	1,211,056	0	20,563	3,278	528,614	501	552,956
2014	0	43,179	31,082	465,759	172	540,192	0	16,120	41,923	160,225	81	218,349
2015	0	43,312	796	714,860	151	759,119	0	10,834	(7,803)	248,779	71	251,881
2016	0	28,307	88,393	1,392,963	7,010	1,516,673	0	17,263	6,393	892,086	1,630	917,372
2017	**0**	**29,660**	**83,000**	**1,477,973**	**7,010**	**1,597,643**	**0**	**17,245**	**10,000**	**822,530**	**1,630**	**851,405**
2018	0	30,098	38,000	1,381,230	7,010	1,456,338	0	18,043	38,000	746,242	1,630	803,915
2019	0	35,672	50,179	1,384,116	7,010	1,476,977	0	20,924	31,508	749,128	1,630	803,190
2020	0	35,736	(366)	1,384,116	7,010	1,426,496	0	20,947	(3,398)	749,128	1,630	768,307
2021	0	35,819	10,725	1,384,116	7,010	1,437,670	0	20,946	(1,117)	749,128	1,630	770,587
2022	0	35,813	(3,483)	1,384,116	7,010	1,423,456	0	20,940	(3,434)	749,128	1,630	768,264
2023	0	35,804	(18,971)	1,384,116	7,010	1,407,959	0	20,939	(18,638)	749,128	1,630	753,059
2024	0	35,683	11,289	1,384,116	7,010	1,438,098	0	20,881	21,309	749,128	1,630	792,948
2025	0	35,746	(12,518)	1,384,116	7,010	1,414,354	0	20,965	(11,624)	749,128	1,630	760,099
2026	0	35,758	24,308	1,384,116	7,010	1,451,192	0	20,930	13,030	749,128	1,630	784,718
2027	0	35,671	(17,799)	1,384,116	7,010	1,408,998	0	20,861	(6,161)	749,128	1,630	765,458
2028	0	35,811	12,291	1,384,116	7,010	1,439,228	0	20,961	4,006	749,128	1,630	775,725
2029	0	35,738	(9,046)	1,384,116	7,010	1,417,818	0	20,955	(913)	749,128	1,630	770,800
2030	0	35,802	20,756	1,384,116	7,010	1,447,684	0	20,930	8,528	749,128	1,630	780,216
2031	0	35,674	(97,726)	1,384,116	7,010	1,329,074	0	20,956	(31,057)	749,128	1,630	740,657
2032	0	35,276	84,999	1,384,116	7,010	1,511,401	0	20,865	43,953	749,128	1,630	815,576
2033	0	35,481	(94,652)	1,384,116	7,010	1,331,955	0	20,854	(37,929)	749,128	1,630	733,683
2034	0	34,973	69,593	1,384,116	7,010	1,495,692	0	20,769	28,588	749,128	1,630	800,115
2035	0	34,313	(242,659)	1,384,116	7,010	1,182,780	0	20,892	(49,219)	749,128	1,630	722,431

TABLE B-6 Annual Water Quantities Conveyed through Each Pumping and Power Recovery Plant of Project Transportation Facilities (acre-feet)

	CALIFORNIA AQUEDUCT (continued)											
	MOJAVE DIVISION (continued)											
	Pearblossom Pumping Plant						Mojave Siphon Powerplant					
				Deliveries						Deliveries		
Calendar Year	Initial Fill Water	Operational Losses	Reservoir Storage Changes	Water Supply	Recreation	Total	Initial Fill Water	Operational Losses	Reservoir Storage Changes	Water Supply	Recreation	Total
	[63]	[64]	[65]	[66]	[67]	[68]	[69]	[70]	[71]	[72]	[73]	[74]
1961	0	0	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0	0	0	0	0	0
1971	21	0	0	0	0	21	0	0	0	0	0	0
1972	35,243	5,282	(153)	1,794	0	42,166	0	0	0	0	0	0
1973	80,177	21,522	(2,700)	52,201	72	151,272	0	0	0	0	0	0
1974	76,694	10,847	(11,149)	102,839	44	179,275	0	0	0	0	0	0
1975	10,000	2,364	(8,397)	190,351	70	194,388	0	0	0	0	0	0
1976	4,168	7,040	(16,055)	236,713	152	232,018	0	0	0	0	0	0
1977	0	11,398	(17,534)	102,326	580	96,770	0	0	0	0	0	0
1978	19,922	5,696	69,130	374,845	498	470,091	0	0	0	0	0	0
1979	12,302	6,836	(32,518)	362,114	502	349,236	0	0	0	0	0	0
1980	0	16,200	6,159	401,214	781	424,354	0	0	0	0	0	0
1981	0	4,992	(36,278)	574,573	933	544,220	0	0	0	0	0	0
1982	0	5,251	55,232	401,037	1,919	463,439	0	0	0	0	0	0
1983	0	11,745	(26,847)	231,188	1,180	217,266	0	0	0	0	0	0
1984	0	18,228	23,230	252,066	1,494	295,018	0	0	0	0	0	0
1985	0	25,292	(2,815)	350,758	1,076	374,311	0	0	0	0	0	0
1986	0	30,876	12,258	394,156	1,508	438,798	0	0	0	0	0	0
1987	0	27,552	(15,270)	377,531	1,239	391,052	0	0	0	0	0	0
1988	0	32,209	1,101	501,300	971	535,581	0	1,977	1,101	501,291	971	505,340
1989	0	31,500	(20,363)	661,189	1,407	673,733	0	29,110	(20,363)	661,100	1,407	671,254
1990	0	32,672	(5,916)	730,560	1,388	758,704	0	23,692	(5,916)	730,550	1,388	749,714
1991	0	15,209	34,774	163,913	394	214,290	0	(543)	34,774	163,913	394	198,538
1992	0	13,989	(17,451)	338,249	423	335,210	0	(13,193)	(17,451)	338,207	423	307,986
1993	0	9,779	(3,455)	255,117	443	261,884	0	(11,922)	(3,455)	255,117	443	240,183
1994	0	150	3,395	409,928	430	413,903	0	1,601	3,395	395,294	430	400,720
1995	0	6,820	(29,282)	328,882	427	306,847	0	10,458	(29,282)	321,387	427	302,990
1996	0	9,514	(11,410)	424,252	565	422,921	0	(5,577)	(11,410)	418,141	565	401,719
1997	0	(1,124)	38,960	461,563	507	499,906	0	5,171	38,960	452,525	507	497,163
1998	0	(2,087)	16,361	334,965	363	349,602	0	11,496	16,361	332,385	363	360,605
1999	0	(1,154)	(8,486)	505,624	396	496,380	0	11,065	(8,486)	498,919	396	501,894
2000	0	(23,296)	(10,472)	864,999	449	831,680	0	4,896	(10,472)	854,980	449	849,853
2001	0	(9,304)	3,478	635,316	452	629,942	0	7,403	3,478	632,420	452	643,753
2002	0	3,810	8,398	823,690	490	836,388	0	9,300	8,398	820,217	490	838,405
2003	0	2,814	(20,787)	962,488	355	944,870	0	(6,586)	(20,787)	941,713	355	914,695
2004	0	(15,558)	17,207	1,047,521	171	1,049,341	0	5,034	17,207	1,035,315	171	1,057,727
2005	0	(18,967)	(50,014)	1,043,564	84	974,667	0	827	(50,014)	1,025,453	84	976,350
2006	0	(21,986)	8,653	1,187,627	98	1,174,392	0	(845)	8,653	1,154,634	98	1,162,540
2007	0	(13,055)	(5,091)	975,802	103	957,759	0	3,060	(5,091)	956,281	103	954,353
2008	0	723	5,383	550,143	80	556,329	0	8,380	5,383	534,480	80	548,323
2009	0	3,807	(5,619)	431,289	1,100	430,577	0	10,520	(5,619)	411,075	1,100	417,076
2010	0	3,489	6,964	886,249	363	897,065	0	11,912	6,964	858,609	363	877,848
2011	0	7,953	(1,405)	1,114,556	500	1,121,604	0	13,506	(1,405)	1,080,734	500	1,093,335
2012	0	3,499	(229)	797,563	550	801,383	0	3,492	(229)	775,600	550	779,413
2013	0	6,273	3,278	466,095	501	476,147	0	12,172	3,278	460,089	501	476,040
2014	0	11,143	41,923	133,376	81	186,523	0	13,671	41,923	130,752	81	186,427
2015	0	7,067	(7,803)	229,244	71	228,579	0	9,953	(7,803)	221,321	71	223,542
2016	0	11,913	6,393	791,356	1,430	811,092	0	8,443	6,393	780,447	1,430	796,713
2017	**0**	**11,895**	**10,000**	**713,938**	**1,430**	**737,263**	**0**	**8,425**	**10,000**	**680,773**	**1,430**	**700,628**
2018	0	12,693	38,000	637,650	1,430	689,773	0	9,223	38,000	604,485	1,430	653,138
2019	0	15,574	31,508	642,602	1,430	691,114	0	12,104	31,508	606,987	1,430	652,029
2020	0	15,597	(3,398)	642,602	1,430	656,231	0	12,127	(3,398)	606,987	1,430	617,146
2021	0	15,596	(1,117)	642,602	1,430	658,511	0	12,126	(1,117)	606,987	1,430	619,426
2022	0	15,590	(3,434)	642,602	1,430	656,188	0	12,120	(3,434)	606,987	1,430	617,103
2023	0	15,589	(18,638)	642,602	1,430	640,983	0	12,119	(18,638)	606,987	1,430	601,898
2024	0	15,531	21,309	642,602	1,430	680,872	0	12,061	21,309	606,987	1,430	641,787
2025	0	15,615	(11,624)	642,602	1,430	648,023	0	12,145	(11,624)	606,987	1,430	608,938
2026	0	15,580	13,030	642,602	1,430	672,642	0	12,110	13,030	606,987	1,430	633,557
2027	0	15,511	(6,161)	642,602	1,430	653,382	0	12,041	(6,161)	606,987	1,430	614,297
2028	0	15,611	4,006	642,602	1,430	663,649	0	12,141	4,006	606,987	1,430	624,564
2029	0	15,605	(913)	642,602	1,430	658,724	0	12,135	(913)	606,987	1,430	619,639
2030	0	15,580	8,528	642,602	1,430	668,140	0	12,110	8,528	606,987	1,430	629,055
2031	0	15,606	(31,057)	642,602	1,430	628,581	0	12,136	(31,057)	606,987	1,430	589,496
2032	0	15,515	43,953	642,602	1,430	703,500	0	12,045	43,953	606,987	1,430	664,415
2033	0	15,504	(37,929)	642,602	1,430	621,607	0	12,034	(37,929)	606,987	1,430	582,522
2034	0	15,419	28,588	642,602	1,430	688,039	0	11,949	28,588	606,987	1,430	648,954
2035	0	15,542	(49,219)	642,602	1,430	610,355	0	12,072	(49,219)	606,987	1,430	571,270

TABLE B-6 Annual Water Quantities Conveyed through Each Pumping and Power Recovery Plant of Project Transportation Facilities (acre-feet)

Sheet 7 of 10

	CALIFORNIA AQUEDUCT (continued)									
	SANTA ANA DIVISION									
	Devil Canyon Powerplant						Greenspot Pump Station			
				Deliveries						
Calendar Year	Initial Fill Water	Operational Losses	Reservoir Storage Changes	Water Supply	Recreation	Total	Initial Fill Water	Operational Losses	Water Supply Delivery	Total
	[75]	[76]	[77]	[78]	[79]	[80]	[81]	[82]	[83]	[84]
1961	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0	0	0	0
1972	37	0	0	1,275	0	1,312	0	0	0	0
1973	40,848	14,745	0	51,812	0	107,405	0	0	0	0
1974	74,666	8,367	(4,925)	102,198	0	180,306	0	0	0	0
1975	10,000	1,995	(6,719)	189,526	0	194,802	0	0	0	0
1976	4,168	5,180	(9,182)	235,711	23	235,900	0	0	0	0
1977	0	8,082	(5,235)	101,137	469	104,453	0	0	0	0
1978	14,820	3,754	21,686	373,636	481	414,377	0	0	0	0
1979	12,302	5,620	(27,107)	356,854	485	348,154	0	0	0	0
1980	0	9,468	12,714	395,975	742	418,899	0	0	0	0
1981	0	8,401	(23,448)	569,088	807	554,848	0	0	0	0
1982	0	6,012	44,469	399,799	1,798	452,078	0	0	0	0
1983	0	8,597	5,188	230,277	1,078	245,140	0	0	0	0
1984	0	12,861	(850)	250,938	1,414	264,363	0	0	0	0
1985	0	14,325	(8,791)	349,336	956	355,826	0	0	0	0
1986	0	9,486	8,339	392,650	1,378	411,853	0	0	0	0
1987	0	7,923	(11,335)	375,451	1,118	373,157	0	0	0	0
1988	0	11,090	2,238	499,285	861	513,474	0	0	0	0
1989	0	13,116	(5,487)	658,730	1,301	667,660	0	0	0	0
1990	0	13,439	(4,622)	728,723	1,281	738,821	0	0	0	0
1991	0	10,836	18,308	161,032	340	190,516	0	0	0	0
1992	0	9,157	(9,084)	328,354	371	328,798	0	0	0	0
1993	0	5,602	5,593	244,678	364	256,237	0	0	0	0
1994	0	10,915	(11,045)	393,690	357	393,917	0	0	0	0
1995	0	11,268	2,331	320,978	358	334,935	0	0	0	0
1996	0	9,496	13,015	417,656	494	440,661	0	0	0	0
1997	0	8,087	(19,685)	451,874	416	440,692	0	0	0	0
1998	0	6,700	16,643	332,198	310	355,851	0	0	0	0
1999	0	9,784	(4,177)	497,787	341	503,735	0	0	0	0
2000	0	7,407	(11,040)	853,786	375	850,528	0	0		0
2001	0	9,324	8,183	631,363	374	649,244	0	0	0	0
2002	0	10,315	9,682	818,028	413	838,438	0	0	0	0
2003	0	9,198	(18,298)	922,901	260	914,061	0	0	4,526	4,526
2004	0	11,166	15,150	1,033,309	85	1,059,710	0	0	3,798	3,798
2005	0	4,500	(63,441)	1,010,247	0	951,306	0	0	3,686	3,686
2006	0	8,208	7,571	1,153,993	0	1,169,772	0	0	7,775	7,775
2007	0	8,216	(5,872)	953,803	0	956,147	0	0	12,168	12,168
2008	0	10,599	7,759	533,221	0	551,579	0	0	14,408	14,408
2009	0	10,035	(5,600)	410,032	1,025	415,492	0	0	20,542	20,542
2010	0	6,275	5,344	851,786	307	863,712	0	0	18,395	18,395
2011	0	7,359	2,371	1,066,088	417	1,076,235	0	0	20,586	20,586
2012	0	(1,942)	(2,225)	771,982	459	768,274	0	0	23,791	23,791
2013	0	3,306	3,042	458,221	416	464,985	0	0	20,560	20,560
2014	0	9,919	42,495	129,317	27	181,758	0	0	9,843	9,843
2015	0	8,923	(4,305)	220,068	35	224,721	0	0	9,791	9,791
2016	0	5,241	393	778,327	1,250	785,211	0	0	10,566	10,566
2017	**0**	**5,544**	**10,000**	**670,893**	**1,250**	**687,687**	**0**	**0**	**10,380**	**10,380**
2018	0	6,465	38,000	595,005	1,250	640,720	0	0	10,380	10,380
2019	0	8,492	17,408	597,507	1,250	624,657	0	0	10,380	10,380
2020	0	8,483	(17,305)	597,507	1,250	589,935	0	0	10,380	10,380
2021	0	8,486	(398)	597,507	1,250	606,845	0	0	10,380	10,380
2022	0	8,486	13,735	597,507	1,250	620,978	0	0	10,380	10,380
2023	0	8,482	(8,417)	597,507	1,250	598,822	0	0	10,380	10,380
2024	0	8,462	689	597,507	1,250	607,908	0	0	10,380	10,380
2025	0	8,489	4,591	597,507	1,250	611,837	0	0	10,380	10,380
2026	0	8,475	(3,819)	597,507	1,250	603,413	0	0	10,380	10,380
2027	0	8,479	745	597,507	1,250	607,981	0	0	10,380	10,380
2028	0	8,481	(5,355)	597,507	1,250	601,883	0	0	10,380	10,380
2029	0	8,481	2,909	597,507	1,250	610,147	0	0	10,380	10,380
2030	0	8,480	296	597,507	1,250	607,533	0	0	10,380	10,380
2031	0	8,475	(1,976)	597,507	1,250	605,256	0	0	10,380	10,380
2032	0	8,449	18,821	597,507	1,250	626,027	0	0	10,380	10,380
2033	0	8,449	(23,419)	597,507	1,250	583,787	0	0	10,380	10,380
2034	0	8,443	21,651	597,507	1,250	628,851	0	0	10,380	10,380
2035	0	8,451	(31,434)	597,507	1,250	575,774	0	0	10,380	10,380

TABLE B-6 Annual Water Quantities Conveyed through Each Pumping and Power Recovery Plant of Project Transportation Facilities (acre-feet)

	CALIFORNIA AQUEDUCT (continued)													
	SANTA ANA DIVISION (continued)								WEST BRANCH					
	Crafton Hills Pump Station				Cherry Valley Pump Station				Oso Pumping Plant					
												Deliveries		
Calendar Year	Initial Fill Water	Operational Losses	Water Supply Delivery	Total	Initial Fill Water	Operational Losses	Water Supply Delivery	Total	Initial Fill Water	Operational Losses	Reservoir Storage Changes	Water Supply	Recreation	Total
	[85]	[86]	[87]	[88]	[89]	[90]	[91]	[92]	[93]	[94]	[95]	[96]	[97]	[98]
1961	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0	0	2,444	133	0	0	0	2,577
1972	0	0	0	0	0	0	0	0	63,883	6,557	(6,405)	71,991	6,481	142,507
1973	0	0	0	0	0	0	0	0	124,461	16,995	4,029	155,317	1,075	301,877
1974	0	0	0	0	0	0	0	0	160,860	12,702	(4,146)	209,172	2,064	380,652
1975	0	0	0	0	0	0	0	0	93,352	23,008	7,704	374,306	3,288	501,658
1976	0	0	0	0	0	0	0	0	56,954	15,845	(136,116)	420,708	1,429	358,820
1977	0	0	0	0	0	0	0	0	0	4,407	(98,685)	122,447	(20)	28,149
1978	0	0	0	0	0	0	0	0	45,105	9,061	52,774	171,139	176	278,255
1979	0	0	0	0	0	0	0	0	0	25,355	(18,781)	145,598	0	152,172
1980	0	0	0	0	0	0	0	0	0	24,576	(140,168)	165,931	481	50,820
1981	0	0	0	0	0	0	0	0	0	15,254	59,637	283,264	3,179	361,334
1982	0	0	0	0	0	0	0	0	0	23,824	61,685	360,878	2,126	448,513
1983	0	0	0	0	0	0	0	0	0	23,601	(74,308)	166,995	6,111	122,399
1984	0	0	0	0	0	0	0	0	0	12,461	(138,146)	272,101	3,750	150,166
1985	0	0	0	0	0	0	0	0	0	28,257	142,219	403,097	3,728	577,301
1986	0	0	0	0	0	0	0	0	0	22,387	25,288	393,203	1,777	442,655
1987	0	0	0	0	0	0	0	0	0	18,164	(10,252)	433,452	5,698	447,062
1988	0	0	0	0	0	0	0	0	0	20,461	(30,848)	507,169	3,389	500,171
1989	0	0	0	0	0	0	0	0	0	27,914	(40,463)	611,681	6,083	605,215
1990	0	0	0	0	0	0	0	0	0	33,666	(9,176)	791,355	7,491	823,336
1991	0	0	0	0	0	0	0	0	0	16,460	70,754	263,909	4,166	355,289
1992	0	0	0	0	0	0	0	0	0	8,238	(75,008)	435,661	1,572	370,463
1993	0	0	0	0	0	0	0	0	0	2,674	(124,283)	451,263	1,233	330,887
1994	0	0	0	0	0	0	0	0	0	18,688	(91,606)	490,819	2,488	420,389
1995	0	0	0	0	0	0	0	0	0	21,775	14,330	157,629	1,242	194,976
1996	0	0	0	0	0	0	0	0	0	30,121	26,848	286,066	2,363	345,398
1997	0	0	0	0	0	0	0	0	0	30,468	1,892	323,212	1,569	357,141
1998	0	0	0	0	0	0	0	0	0	26,851	(122,848)	208,916	1,222	114,141
1999	0	0	0	0	0	0	0	0	0	25,690	5,679	357,664	2,883	391,916
2000	0	0	0	0	0	0	0	0	0	33,658	18,198	668,126	3,767	723,749
2001	0	0	0	0	0	0	0	0	0	24,551	(22,308)	477,315	759	480,317
2002	0	0	0	0	0	0	0	0	0	44,692	41,944	779,284	3,471	869,391
2003	0	0	2,733	2,733	0	0	116	116	0	39,495	(27,394)	735,699	10,290	758,090
2004	0	0	3,212	3,212	0	0	841	841	0	41,947	(14,046)	850,007	478	878,386
2005	0	0	2,727	2,727	0	0	692	692	0	38,154	(109,664)	577,251	475	506,216
2006	0	0	6,892	6,892	0	0	807	807	0	38,534	(128,775)	616,546	406	526,711
2007	0	0	9,038	9,038	0	0	177	177	0	46,921	123,287	760,750	202	931,160
2008	0	0	13,728	13,728	0	0	1,042	1,042	0	36,204	(9,613)	531,832	247	558,670
2009	0	0	16,463	16,463	0	0	1,898	1,898	0	33,295	4,893	631,969	195	670,352
2010	0	0	17,778	17,778	0	0	5,685	5,685	0	27,788	41,267	412,240	240	481,535
2011	0	0	19,887	19,887	0	0	9,290	9,290	0	29,227	(17,411)	411,366	242	423,424
2012	0	0	20,614	20,614	0	0	11,010	11,010	0	42,913	14,802	593,774	388	651,877
2013	0	0	17,526	17,526	0	0	9,445	9,445	0	49,029	(4,336)	612,912	294	657,899
2014	0	0	9,468	9,468	0	0	5,044	5,044	0	27,005	(10,841)	305,533	91	321,788
2015	0	0	9,409	9,409	0	0	3,481	3,481	0	32,430	8,599	466,081	80	507,190
2016	0	0	10,288	10,288	0	0	8,335	8,335	0	10,994	82,000	500,877	5,380	599,251
2017	**0**	**0**	**10,380**	**10,380**	**0**	**0**	**8,180**	**8,180**	**0**	**12,365**	**73,000**	**655,443**	**5,380**	**746,188**
2018	0	0	10,380	10,380	0	0	8,080	8,080	0	12,005	0	634,988	5,380	652,373
2019	0	0	10,380	10,380	0	0	7,980	7,980	0	14,698	18,671	634,988	5,380	673,737
2020	0	0	10,380	10,380	0	0	7,880	7,880	0	14,739	3,032	634,988	5,380	658,139
2021	0	0	10,380	10,380	0	0	7,880	7,880	0	14,823	11,842	634,988	5,380	667,033
2022	0	0	10,380	10,380	0	0	7,880	7,880	0	14,823	(49)	634,988	5,380	655,142
2023	0	0	10,380	10,380	0	0	7,880	7,880	0	14,815	(333)	634,988	5,380	654,850
2024	0	0	10,380	10,380	0	0	7,880	7,880	0	14,752	(10,020)	634,988	5,380	645,100
2025	0	0	10,380	10,380	0	0	7,880	7,880	0	14,731	(894)	634,988	5,380	654,205
2026	0	0	10,380	10,380	0	0	7,880	7,880	0	14,778	11,278	634,988	5,380	666,424
2027	0	0	10,380	10,380	0	0	7,880	7,880	0	14,760	(11,638)	634,988	5,380	643,490
2028	0	0	10,380	10,380	0	0	7,880	7,880	0	14,800	8,285	634,988	5,380	663,453
2029	0	0	10,380	10,380	0	0	7,880	7,880	0	14,733	(8,133)	634,988	5,380	646,968
2030	0	0	10,380	10,380	0	0	7,880	7,880	0	14,822	12,228	634,988	5,380	667,418
2031	0	0	10,380	10,380	0	0	7,880	7,880	0	14,668	(66,669)	634,988	5,380	588,367
2032	0	0	10,380	10,380	0	0	7,880	7,880	0	14,361	41,046	634,988	5,380	695,775
2033	0	0	10,380	10,380	0	0	7,880	7,880	0	14,577	(56,723)	634,988	5,380	598,222
2034	0	0	10,380	10,380	0	0	7,880	7,880	0	14,154	41,005	634,988	5,380	695,527
2035	0	0	10,380	10,380	0	0	7,880	7,880	0	13,371	(193,440)	634,988	5,380	460,299

TABLE B-6 Annual Water Quantities Conveyed through Each Pumping and Power Recovery Plant of Project Transportation Facilities (acre-feet)

	CALIFORNIA AQUEDUCT (continued)											
	WEST BRANCH (continued)											
	Warne Powerplant						Castaic Powerplant					
				Deliveries						Deliveries		
Calendar Year	Initial Fill Water	Operational Losses	Reservoir Storage Changes	Water Supply	Recreation	Total	Initial Fill Water	Operational Losses	Reservoir Storage Changes	Water Supply	Recreation	Total
	[99]	[100]	[101]	[102]	[103]	[104]	[105]	[106]	[107]	[108]	[109]	[110]
1961	0	0	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	57,364	1,788	(6,162)	71,938	6,481	131,409
1973	0	0	0	0	0	0	37,198	6,430	4,542	155,297	1,075	204,542
1974	0	0	0	0	0	0	82,364	1,772	(950)	209,136	541	292,863
1975	0	0	0	0	0	0	90,460	5,002	(1,534)	374,280	1,563	469,771
1976	0	0	0	0	0	0	55,990	(7,695)	(132,036)	420,684	1,429	338,372
1977	0	0	0	0	0	0	0	(1,485)	(102,532)	122,447	(20)	18,410
1978	0	0	0	0	0	0	45,105	(2,264)	129,523	171,139	176	343,679
1979	0	0	0	0	0	0	0	(2,339)	(20,400)	145,598	0	122,859
1980	0	0	0	0	0	0	0	991	(118,026)	165,931	481	49,377
1981	0	0	0	0	0	0	0	(44,416)	47,244	283,264	2,704	288,796
1982	0	24,468	61,169	360,878	2,126	448,641	0	(60,135)	59,069	360,878	1,187	360,999
1983	0	20,780	(74,308)	166,995	6,111	119,578	0	(33,418)	(46,904)	166,995	2,618	89,291
1984	0	13,572	(139,219)	275,212	2,208	151,773	0	(29,618)	(139,545)	275,212	2,201	108,250
1985	0	29,286	141,492	403,097	874	574,749	0	(4,622)	135,007	403,097	844	534,326
1986	0	21,579	25,288	393,203	1,777	441,847	0	(6,664)	21,520	393,203	623	408,682
1987	0	20,885	(10,252)	433,452	5,698	449,783	0	(519)	(6,241)	433,452	2,734	429,426
1988	0	23,253	(31,453)	507,169	3,389	502,358	0	12,650	(28,498)	507,169	1,359	492,680
1989	0	27,131	(40,463)	611,681	6,083	604,432	0	634	(40,154)	611,681	3,161	575,322
1990	0	34,208	(9,176)	791,355	7,491	823,878	0	(14,012)	(15,101)	786,519	3,419	760,825
1991	0	16,908	70,754	263,909	4,166	355,737	0	(871)	89,637	262,921	2,283	353,970
1992	0	9,638	(75,008)	435,661	1,572	371,863	0	(609)	(71,795)	435,661	1,543	364,800
1993	0	1,922	(124,283)	451,257	1,233	330,129	0	21,959	(77,428)	451,257	1,211	396,999
1994	0	23,151	(91,606)	490,819	2,488	424,852	0	5,205	(95,738)	490,819	2,465	402,751
1995	0	15,860	14,330	157,629	1,242	189,061	0	20,400	75,863	157,629	1,223	255,115
1996	0	21,191	26,848	286,066	2,363	336,468	0	(5,621)	19,088	286,066	2,362	301,895
1997	0	23,437	1,892	323,201	1,569	350,099	0	11,119	(1,802)	323,201	1,566	334,084
1998	0	26,864	(122,848)	208,909	1,222	114,147	0	24,544	(57,726)	208,909	1,222	176,949
1999	0	21,822	8,120	357,664	2,883	390,489	0	(3,670)	6,280	357,664	2,865	363,139
2000	0	27,237	18,198	668,126	3,767	717,328	0	(19,645)	9,320	665,926	1,556	657,157
2001	0	17,404	(22,308)	477,315	759	473,170	0	(5,949)	(16,588)	477,315	746	455,524
2002	0	35,058	41,944	779,284	3,471	859,757	0	10,071	35,623	776,136	305	822,135
2003	0	28,167	(27,394)	735,699	10,290	746,762	0	9,075	(17,034)	725,781	356	718,178
2004	0	31,034	(14,046)	850,007	478	867,473	0	9,120	(11,440)	845,960	456	844,096
2005	0	29,111	(109,664)	577,251	475	497,173	0	21,155	(61,490)	577,251	472	537,388
2006	0	23,453	(128,775)	616,546	406	511,630	0	4,173	(121,607)	616,546	396	499,508
2007	0	29,978	123,287	760,750	202	914,217	0	(1,664)	117,880	758,860	196	875,272
2008	0	36,744	(9,613)	531,832	247	559,210	0	498	(14,279)	529,852	211	516,282
2009	0	30,564	4,893	631,969	195	667,621	0	(2,825)	9,194	628,819	164	635,352
2010	0	26,930	41,267	412,240	240	480,677	0	(4,135)	40,284	409,090	207	445,446
2011	0	29,363	(17,411)	411,366	242	423,560	0	(9,084)	(22,531)	408,846	221	377,452
2012	0	28,769	14,802	593,750	388	637,709	0	10,210	16,335	590,600	375	617,520
2013	0	30,918	(4,336)	612,865	294	639,741	0	13,114	(3,811)	610,623	196	620,122
2014	0	17,555	(10,841)	305,533	91	312,338	0	4,742	(11,327)	305,533	47	298,995
2015	0	22,165	8,599	466,081	80	496,925	0	4,268	9,481	465,451	63	479,263
2016	0	9,084	82,000	500,877	5,380	597,341	0	4,700	82,000	498,987	2,330	588,017
2017	**0**	**10,455**	**73,000**	**655,443**	**5,380**	**744,278**	**0**	**6,575**	**73,000**	**653,553**	**2,330**	**735,458**
2018	0	10,095	0	634,988	5,380	650,463	0	6,377	0	633,098	2,330	641,805
2019	0	12,788	18,671	634,988	5,380	671,827	0	6,503	18,671	633,098	2,330	660,602
2020	0	12,829	3,032	634,988	5,380	656,229	0	6,544	3,032	633,098	2,330	645,004
2021	0	12,913	11,842	634,988	5,380	665,123	0	6,628	11,842	633,098	2,330	653,898
2022	0	12,913	(49)	634,988	5,380	653,232	0	6,628	(49)	633,098	2,330	642,007
2023	0	12,905	(333)	634,988	5,380	652,940	0	6,620	(333)	633,098	2,330	641,715
2024	0	12,842	(10,020)	634,988	5,380	643,190	0	6,557	(10,020)	633,098	2,330	631,965
2025	0	12,821	(894)	634,988	5,380	652,295	0	6,536	(894)	633,098	2,330	641,070
2026	0	12,868	11,278	634,988	5,380	664,514	0	6,583	11,278	633,098	2,330	653,289
2027	0	12,850	(11,638)	634,988	5,380	641,580	0	6,565	(11,638)	633,098	2,330	630,355
2028	0	12,890	8,285	634,988	5,380	661,543	0	6,605	8,285	633,098	2,330	650,318
2029	0	12,823	(8,133)	634,988	5,380	645,058	0	6,538	(8,133)	633,098	2,330	633,833
2030	0	12,912	12,228	634,988	5,380	665,508	0	6,627	12,228	633,098	2,330	654,283
2031	0	12,758	(66,669)	634,988	5,380	586,457	0	6,473	(66,669)	633,098	2,330	575,232
2032	0	12,451	41,046	634,988	5,380	693,865	0	6,166	41,046	633,098	2,330	682,640
2033	0	12,667	(56,723)	634,988	5,380	596,312	0	6,382	(56,723)	633,098	2,330	585,087
2034	0	12,244	41,005	634,988	5,380	693,617	0	5,959	41,005	633,098	2,330	682,392
2035	0	11,461	(193,440)	634,988	5,380	458,389	0	5,176	(193,440)	633,098	2,330	447,164

TABLE B-6 Annual Water Quantities Conveyed through Each Pumping and Power Recovery Plant of Project Transportation Facilities (acre-feet)

Sheet 10 of 10

	CALIFORNIA AQUEDUCT (continued)							
	COASTAL BRANCH							
	Las Perillas and Badger Hill Pumping Plants				Devil's Den, Bluestone, and Polonio Pass Pumping Plants			
Calendar Year	Initial Fill Water	Operational Losses	Water Supply Delivery	Total	Initial Fill Water	Operational Losses	Water Supply Delivery	Total
	[111]	[112]	[113]	[114]	[115]	[116]	[117]	[118]
1961	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0
1968	210	873	79,039	80,122	0	0	0	0
1969	0	1,042	62,064	63,106	0	0	0	0
1970	0	638	83,649	84,287	0	0	0	0
1971	0	3,455	110,971	114,426	0	0	0	0
1972	0	1,745	121,755	123,500	0	0	0	0
1973	0	5,479	78,645	84,124	0	0	0	0
1974	0	7,344	78,174	85,518	0	0	0	0
1975	0	5,819	85,216	91,035	0	0	0	0
1976	0	6,562	90,058	96,620	0	0	0	0
1977	0	5,777	40,579	46,356	0	0	0	0
1978	0	9,085	92,604	101,689	0	0	0	0
1979	0	10,896	123,155	134,051	0	0	0	0
1980	0	9,449	111,379	120,828	0	0	0	0
1981	0	13,232	109,754	122,986	0	0	0	0
1982	0	7,984	95,776	103,760	0	0	0	0
1983	0	5,710	100,518	106,228	0	0	0	0
1984	0	5,740	126,387	132,127	0	0	0	0
1985	0	7,563	120,823	128,386	0	0	0	0
1986	0	8,719	131,599	140,318	0	0	0	0
1987	0	11,363	128,080	139,443	0	0	0	0
1988	0	12,831	120,969	133,800	0	0	0	0
1989	0	11,454	116,801	128,255	0	0	0	0
1990	0	13,022	109,802	122,824	0	0	0	0
1991	0	5,802	1,496	7,298	0	0	0	0
1992	0	7,893	79,635	87,528	0	0	0	0
1993	0	9,282	94,921	104,203	0	0	0	0
1994	0	8,515	87,158	95,673	0	0	0	0
1995	0	6,986	94,536	101,522	0	0	0	0
1996	0	9,663	114,630	124,293	0	0	0	0
1997	527	8,343	110,428	119,298	527	0	8,538	9,065
1998	0	8,415	109,400	117,815	0	0	22,210	22,210
1999	0	2,453	120,061	122,514	0	303	23,880	24,183
2000	0	(429)	120,313	119,884	0	0	26,703	26,703
2001	0	(742)	87,915	87,173	0	0	23,229	23,229
2002	0	638	99,783	100,421	0	(151)	31,991	31,840
2003	0	161	101,113	101,274	0	284	31,421	31,705
2004	0	492	104,144	104,636	0	480	33,870	34,350
2005	0	1,484	103,178	104,662	0	573	27,595	28,168
2006	0	1,994	115,433	117,427	0	2,034	27,484	29,518
2007	0	3,355	131,590	134,945	0	293	31,516	31,809
2008	0	3,696	107,239	110,935	0	(30)	21,795	21,765
2009	0	2,242	102,509	104,751	0	(3,078)	19,253	16,175
2010	0	4,050	106,590	110,640	0	272	21,532	21,804
2011	0	3,994	113,647	117,641	0	533	24,869	25,402
2012	0	7,411	109,383	116,794	0	589	23,418	24,007
2013	0	7,637	110,714	118,351	0	295	21,699	21,994
2014	0	6,636	94,369	101,005	0	4,018	19,963	23,981
2015	0	5,458	94,227	99,685	0	378	15,111	15,489
2016	0	802	103,199	104,001	0	212	29,129	29,341
2017	**0**	**802**	**95,341**	**96,143**	**0**	**212**	**40,348**	**40,560**
2018	0	802	95,410	96,212	0	212	40,417	40,629
2019	0	802	95,446	96,248	0	212	40,453	40,665
2020	0	802	95,522	96,324	0	212	40,529	40,741
2021	0	802	95,522	96,324	0	212	40,529	40,741
2022	0	802	95,522	96,324	0	212	40,529	40,741
2023	0	802	95,522	96,324	0	212	40,529	40,741
2024	0	802	95,522	96,324	0	212	40,529	40,741
2025	0	802	95,522	96,324	0	212	40,529	40,741
2026	0	802	95,522	96,324	0	212	40,529	40,741
2027	0	802	95,522	96,324	0	212	40,529	40,741
2028	0	802	95,522	96,324	0	212	40,529	40,741
2029	0	802	95,522	96,324	0	212	40,529	40,741
2030	0	802	95,522	96,324	0	212	40,529	40,741
2031	0	802	95,522	96,324	0	212	40,529	40,741
2032	0	802	95,522	96,324	0	212	40,529	40,741
2033	0	802	95,522	96,324	0	212	40,529	40,741
2034	0	802	95,522	96,324	0	212	40,529	40,741
2035	0	802	95,522	96,324	0	212	40,529	40,741

TABLE B-7 Reconciliation of Capital Costs Allocated to Water Supply and Power Generation (in thousands of dollars)

Item	Project Costs Allocated to Water Supply and Power Generation							Capital Costs Allocated to Other Purposes	Total State Water Project Capital Cost
	Miscellaneous Income Credited to Construction[a]	Allowance for Future Price Escalation[b]	Costs of Construction of Delivery Structures[c]	Costs of Requested Excess Capacity and Future Enlargement[d]	Capital Cost Component of Delta Water Charge[e]	Capital Cost Component of Transportation Water Charge[f]	Water Supply and Power Total		
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]
CONSERVATION FACILITIES									
Upper Feather Division									
Frenchman Dam and Lake									
Grizzly Valley Dam and Lake Davis									
Antelope Dam and Lake									
Abbey Bridge Dam and Reservoir									
Dixie Refuge Dam and Reservoir									
Total, Upper Feather Division									
Oroville Division									
Multipurpose Facilities									
Specific Power Facilities									
Total, Oroville Division									
California Aqueduct									
North San Joaquin Division									
San Luis Division									
Total, California Aqueduct									
Delta Facilities									
Planning and Preoperation									
TOTAL, CONSERVATION FACILIITES									
TRANSPORTATION FACILITIES									
Upper Feather Division									
Grizzly Valley Pipeline									
North Bay Aqueduct									
South Bay Aqueduct									
California Aqueduct									
North San Joaquin Division									
San Luis Division									
South San Joaquin Division									
Tehachapi Division									
Mojave Division									
Santa Ana Division									
West Branch									
Coastal Branch									
Total, California Aqueduct									
TOTAL, TRANSPORTATION FACILITIES									
East Branch Enlargement									
East Branch Extension									
Coastal Power Allocation									
Agricultural Drainage Facilities									
Off-Aqueduct Power Generation Facilities									
Small Hydro Power Generation Facilities									
Land Purchase—Kern Water Bank									
Unassigned/Miscellaneous									
Davis-Grunsky									
TOTAL THROUGH 2035									

Data Not Available

[a] Miscellaneous project receipts that are applied for accounting purposes to reduce the capital costs of the particular facilities.
[b] These allowances are included for planning the future financial program, but not for determining current water charges.
[c] See Table B-8.
[d] See Table B-9.
[e] See Table B-13.
[f] See Table B-10.

TABLE B-8 SWP Capital Costs of Requested Delivery Structures (in dollars)

Project Service Area and Water Supply Contractors	Calendar Year Capital Costs[a]						
	1952-2013	2014	2015	2016	2017	2018	Total
	[1]	[2]	[3]	[4]	[5]	[6]	[7]
FEATHER RIVER AREA							
County of Butte	261,979	0	0	0	0	0	261,979
Plumas County Flood Control and Water Conservation District	8,723	0	0	0	0	0	8,723
Thermalito Irrigation District[b]	43,939	0	0	0	0	0	43,939
Subtotal	*314,641*	*0*	*0*	*0*	*0*	*0*	*314,641*
NORTH BAY AREA							
Napa County Flood Control and Water Conservation District	13,590	0	0	0	0	0	13,590
Solano County Water Agency	662,113	0	0	0	0	0	662,113
Subtotal	*675,703*	*0*	*0*	*0*	*0*	*0*	*675,703*
SOUTH BAY AREA							
Alameda County Flood Control and Water Conservation District, Zone 7	1,882,673	5,216	23,461	13,000	0	0	1,924,350
Alameda County Water District	630,576	0		0	0	0	630,576
Santa Clara Valley Water District	21,500	1,215	10,816	0	0	0	33,531
San Francisco Water Department[b]	1,066,680	0	0	0	0	0	1,066,680
Subtotal	*3,601,429*	*6,431*	*34,277*	*13,000*	*0*	*0*	*3,655,137*
CENTRAL COASTAL AREA							
San Luis Obispo County Flood Control and Water Conservation District	26,204	204	15,010	20,000	0	0	61,418
Santa Barbara County Flood Control and Water Conservation District	67,058	0	0	0	0	0	67,058
Subtotal	*93,262*	*204*	*15,010*	*20,000*	*0*	*0*	*128,476*
SAN JOAQUIN VALLEY AREA							
Castaic Lake Water Agency	82,567	0	0	0	0	0	82,567
County of Kings	17,210	16,731	1,450	10,000	30,000	0	75,391
Dudley Ridge Water District[c]	304,541	19,171	2,235	15,000	15,000	0	355,947
Empire West Side Irrigation District	6,358	0	0	0	0	0	6,358
Green Valley Water District[b]	5,292	0	0	0	0	0	5,292
Kern County Water Agency	3,990,419	22,998	15,999	20,000	35,000	0	4,084,416
Oak Flat Water District	97,643	0	0	0	0	0	97,643
Tracy Golf and Country Club[b]	6,932	0	0	0	0	0	6,932
Tulare Lake Basin Water Storage District	277,483	0	0	0	0	0	277,483
Veterans Administration Cemetery[b]	3,342	0	0	0	0	0	3,342
Subtotal	*4,791,787*	*58,900*	*19,684*	*45,000*	*80,000*	*0*	*4,995,371*
SOUTHERN CALIFORNIA AREA							
Antelope Valley-East Kern Water Agency	1,095,918	118,410	289,003	120,000	100,000	0	1,723,331
Castaic Lake Water Agency	375,593	0	0	0	0	0	375,593
Coachella Valley Water District	14,206	0	0	0	0	0	14,206
Crestline-Lake Arrowhead Water Agency	25,298	0	0	0	0	0	25,298
Desert Water Agency	23,438	0	0	0	0	0	23,438
Littlerock Creek Irrigation District	23,732	0	0	0	0	0	23,732
Mojave Water Agency	309,042	12	0	0	0	0	309,054
Palmdale Water District	34,173	0	0	0	0	0	34,173
San Bernardino Valley Municipal Water District	960,685	0	0	0	0	0	960,685
San Gabriel Valley Municipal Water District	131,052	0	0	0	0	0	131,052
San Gorgonio Pass Water Agency	119,654	3,063	2,768	10,000	15,000	0	150,485
The Metropolitan Water District of Southern California	4,817,609	1	0	0	0	0	4,817,610
Ventura County Flood Control District	79,699	0	0	0	0	0	79,699
Subtotal	*8,010,099*	*121,486*	*291,771*	*130,000*	*115,000*	*0*	*8,668,356*
TOTAL	17,486,921	187,021	360,742	208,000	195,000	0	18,437,684

[a] Approximate only, not to be construed as invoice amounts.
[b] Not a SWP water supply contractor.
[c] 2014 and the majority of 2015 costs were from proposed reverse flow program; to be split among Dudley Ridge, Kern, and four Kern member units.

Table B-9 Capital Costs of Requested Excess Peaking Capacity (in dollars unless otherwise indicated)

Sheet 1 of 2

Calendar Year	Total Advance Payments and Credits for Excess Capacity	Total Incremental Costs for Excess Capacity	Overpayment (+) or Underpayment (-)[a]	Annual Surplus Money Investment Fund Interest Rate[b]		Net Over- or Underpayment With Interest[c]
				January–June	July–December	
	[1]	[2]	[3]	[4]	[5]	[6]
			THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA			
1965	0	158,000	(158,000)	3.968%	4.184%	(163,412)
1966	8,056,000	435,800	7,620,200	4.540%	5.057%	7,701,103
1967	9,094,963	1,878,270	7,216,693	4.815%	4.744%	15,524,533
1968	1,523,252	2,887,351	(1,364,099)	5.330%	5.540%	14,959,187
1969	8,310,651	3,059,310	5,251,341	5.946%	6.389%	21,369,973
1970	3,426,736	2,397,102	1,029,634	7.071%	7.125%	23,986,083
1971	1,086,045	1,146,648	(60,603)	5.154%	5.580%	25,238,017
1972	(4,244,807)	487,394	(4,732,201)	4.477%	4.977%	21,532,965
1973	(15,913,829)	25,041	(15,938,870)	6.023%	8.717%	6,014,116
1974	0	37,775	(37,775)	9.222%	10.351%	6,576,393
1975	0	2,085	(2,085)	7.089%	6.791%	7,038,515
1976	0	0	0	6.048%	6.021%	7,469,662
1977	0	0	0	5.788%	6.182%	7,923,403
1978	0	0	0	7.171%	8.096%	8,539,736
1979	0	0	0	8.979%	9.671%	9,354,605
1980	0	0	0	11.500%	11.500%	10,461,314
Total	**11,339,011**	**12,514,776**	**(1,175,765)**	**—**	**—**	**10,461,314**
			SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT			
1967	0	25,730	(25,730)	4.815%	4.744%	(26,611)
1968	184,422	44,053	140,369	5.330%	5.540%	117,587
1969	49,052	38,075	10,977	5.946%	6.389%	136,751
1970	44,911	17,959	26,952	7.071%	7.125%	175,186
1971	61,588	5,900	55,688	5.154%	5.580%	242,927
1972	(20,263)	6,835	(27,098)	4.477%	4.977%	226,230
1973	(180,465)	0	(180,465)	6.023%	8.717%	49,198
1974	0	0	0	9.222%	10.351%	54,130
1975	0	0	0	7.089%	6.791%	57,952
1976	0	0	0	6.048%	6.021%	61,501
1977	0	0	0	5.788%	6.182%	65,237
1978	0	0	0	7.171%	8.096%	70,312
1979	0	0	0	8.979%	9.671%	77,021
1980	0	0	0	11.500%	11.500%	86,133
Total	**139,245**	**138,552**	**693**	**—**	**—**	**86,133**
			ANTELOPE VALLEY-EAST KERN WATER AGENCY			
1968	85,495	1,645	83,850	5.330%	5.540%	86,962
1969	52,625	6,326	46,299	5.946%	6.389%	140,964
1970	101,648	15,076	86,572	7.071%	7.125%	243,222
1971	34,062	11,748	22,314	5.154%	5.580%	279,673
1972	(12,794)	2,018	(14,812)	4.477%	4.977%	277,552
1973	(205,354)	308	(205,662)	6.023%	8.717%	77,288
1974	0	96	(96)	9.222%	10.351%	84,933
1975	0	0	0	7.089%	6.791%	90,929
1976	0	190	(190)	6.048%	6.021%	96,300
1977	0	0	0	5.788%	6.182%	102,150
1978	0	0	0	7.171%	8.096%	110,096
1979	0	0	0	8.979%	9.671%	120,601
1980	0	0	0	11.500%	11.500%	134,869
Total	**55,682**	**37,407**	**18,275**	**—**	**—**	**134,869**

[a] Overpayment or underpayment for each calendar year—column [1] minus column [2].

[b] Interest rates shown are annual rates. Interest is credited daily at applicable rates on funds deposited in the State's Surplus Money Investment Fund.

[c] Amounts shown are end-of-year balances. Interest on overpayments is credited at applicable Surplus Money Investment Fund interest rates shown in columns [4] and [5]. Interest on underpayments is charged at the 1980 Project Interest Rate of 4.584 percent.

Table B-9 Capital Costs of Requested Excess Peaking Capacity (in dollars)

Reach Number	ANNUAL REQUIRED ADVANCE OF FUNDS — Incremental Costs and Advance Payments by Calendar Year													Reach Total
	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1981	
	[7]	[8]	[9]	[10]	[11]	[12]	[13]	[14]	[15]	[16]	[17]	[18]	[19]	[20]
	THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA													
	Incremental Costs													
8C		1,000	1,000											2,000
8D		43,500	43,500											87,000
9		27,000	27,000	13,500										67,500
10A		29,700	29,700	14,800										74,200
11B	10,100	18,300	18,300	9,200										55,900
12D	1,800		19,300	25,800	12,900									59,800
12E	1,800		12,400	18,800	10,800									43,800
13B			12,600	37,800	31,600									82,000
14A	2,500	500	11,100	80,216	107,504	124,069	37,519	6,413	381	87				370,289
14B	1,200	1,800		19,100	19,100	12,800								54,000
14C	1,800	900		13,500	13,500	9,000								38,700
15A	700		14,000	66,947	133,357	128,099	54,821	5,327	946	2,076				406,273
16A	700		18,900	137,894	182,000	211,608	133,927	26,203	5,767	6,156				723,155
17E		51,500	444,600	537,247	860,024	998,985	699,281	193,286	17,947	29,456	2,085			3,834,411
17F	109,100	261,600	261,600	261,600	261,600	239,500								1,395,000
25			964,270	1,650,947	1,426,925	673,041	221,100	256,165						5,192,448
28J		304,612	13,706	296,668	65,966	230,169	1,209,586	2,017,134	235,900	4,900				4,378,641
Total	129,700	740,412	1,891,976	3,184,019	3,125,276	2,627,271	2,356,234	2,504,528	260,941	42,675	2,085			16,865,117
	Current Adjustments													
8C through 25	1. Advance Payments Applied to Incremental Costs Amendment 2[d]													
	0	8,056,000	9,094,963	1,523,252	8,310,651	3,426,736	1,086,045	(4,244,807)	(14,381,396)				(356,668)	12,514,776
	2. Interest Credits-Amendment 2[e]													
									(1,532,433)				(10,104,646)	(11,637,079)
28J														
	3. Advance Payments Applied to Incremental Costs Amendment 5[f]													
	0	1,240,000	1,483,180	2,469,325	(927,035)	1,729,160	3,215,258	2,967,475	1,690,000	(9,488,722)				4,378,641
	4. Interest Credits-Amendment 5[g]													
										(2,721,803)				(2,721,803)
	5. Net Required Advance of Funds												[h]	
	0	9,296,000	10,578,143	3,992,577	7,383,616	5,155,896	4,301,303	(1,277,332)	(14,233,829)	(12,210,525)			(10,461,314)	2,524,535
	SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT													
	Incremental Costs													
25			25,730	44,053	38,075	17,959	5,900	6,835						138,552
	Total Unadjusted Incremental Costs for Past Payments													
			25,730	44,053	38,075	17,959	5,900	6,835						138,552
	Current Adjustments													
	1. Advance Payments Applied to Incremental Costs[d]													
			0	184,422	49,052	44,911	61,588	(20,263)	(174,133)				(7,025)	138,552
	2. Interest Credit												[h]	
									(6,332)				(79,108)	(85,440)
	3. Net Required Advance of Funds													
			0	184,422	49,052	44,911	61,588	(20,263)	(180,465)				(86,133)	53,112
	ANTELOPE VALLEY-EAST KERN WATER AGENCY													
	Incremental Costs													
29A				1,645	6,326	13,376	10,048	2,018	308	96		190		34,007
29F						1,700	1,700							3,400
	Total Unadjusted Incremental Costs for Past Payments													
				1,645	6,326	15,076	11,748	2,018	308	96		190		37,407
	Current Adjustments													
	1. Advance Payments Applied to Incremental Costs[d]													
				85,495	52,625	101,648	34,062	(12,794)	(189,120)	0		0	(34,509)	37,407
	2. Interest Credit													
									(16,234)				(100,360)	(116,594)
	3. Net Required Advance of Funds												[h]	
				85,495	52,625	101,648	34,062	(12,794)	(205,354)	0		0	(134,869)	(79,187)

[d] Actual payments are shown for 1965 through 1976 with 1981 adjusted to reflect overpayments and underpayments without interest for prior years.
[e] Interest for overpayments and underpayments under provisions of Amendment 2 of the contract.
[f] Actual payments are shown for 1965 through 1973 with 1974 adjusted to reflect overpayments and underpayments without interest for prior years.
[g] Interest for overpayments and underpayments under provisions of Amendment 5 of the contract.
[h] Amounts in excess of incremental costs, under the provisions of the contract, reduce the Transportation Charge capital cost component of the agency's Statement of Charges for January 1981.

TABLE B-10 Capital Costs of Each Aqueduct Reach to be Reimbursed through Capital Cost Component of Transportation Charge (in dollars)

Sheet 1 of 8

Calendar Year	UPPER FEATHER DIVISION	NORTH BAY AQUEDUCT					SOUTH BAY AQUEDUCT			
		Reach 1	Reach 2	Reach 3A	Reach 3B	Total	Reach 1	Reach 2	Reach 4	Reach 5
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]
1952	0	0	0	0	0	0	97	34	30	57
1953	0	0	0	0	0	0	477	166	144	297
1954	0	0	0	0	0	0	1,466	508	437	959
1955	0	0	0	0	0	0	1,944	674	560	1,266
1956	0	0	0	0	0	0	18,789	6,515	5,090	12,545
1957	0	13,290	3,391	0	9,953	26,634	45,090	15,639	12,285	33,218
1958	2	19,202	5,011	0	25,798	50,011	195,985	80,961	7,714	21,930
1959	14	7,517	2,118	0	17,653	27,288	496,140	148,516	24,945	17,118
1960	28	8,797	4,292	0	4,838	17,927	1,130,378	67,351	71,779	68,028
1961	10	1,551	10,318	0	2,526	14,395	3,273,247	180,596	307,885	74,398
1962	32	217	(1,751)	0	414	(1,120)	1,548,884	203,535	695,446	35,102
1963	51	2,510	(1,063)	0	983	2,430	480,716	69,182	2,284,291	206,587
1964	7,791	39,879	12,046	0	21,934	73,859	2,549,118	15,903	181,900	264,410
1965	3,139	72,793	17,900	0	170,361	261,054	807,505	153,454	85,425	447,830
1966	(48)	59,615	12,972	0	438,949	511,536	898,074	149,529	142,096	1,690,200
1967	47	47,257	11,597	0	1,551,023	1,609,877	607,614	50,423	293,304	3,496,284
1968	51,573	70,586	19,560	0	831,158	921,304	965,119	19,543	89,300	2,931,101
1969	234,232	63,650	23,628	0	46,428	133,706	455,173	9,618	3,860	896,727
1970	16,227	59,090	42,733	0	9,415	111,238	52,481	3,380	10,517	154,358
1971	27,204	20,819	31,516	0	8,480	60,815	24,505	4,645	5,035	20,395
1972	9	15,538	12,952	0	10,058	38,548	26,918	825	2,945	26,090
1973	25	18,488	29,018	0	39,878	87,384	24,468	4,010	6,016	12,708
1974	45	67,352	29,978	0	134,332	231,662	17,108	1,192	1,765	65,587
1975	21	62,855	73,112	0	45,091	181,058	57,619	561	1,165	7,291
1976	51	52,419	75,611	218	13,168	141,416	104,242	2,846	8,915	12,701
1977	28	53,274	65,662	2,240	23,138	144,314	176,062	3,625	3,225	16,158
1978	38	61,936	57,158	2,955	28,987	151,036	264,581	4,494	3,668	14,028
1979	23	316,620	91,367	3,953	62,240	474,180	111,106	17,151	8,515	31,725
1980	26	422,804	111,600	19,910	96,125	650,439	368,942	17,708	8,249	38,045
1981	34	430,992	147,295	(10,752)	43,157	610,692	(145,428)	3,600	6,533	12,448
1982	11	934,812	357,720	(7,165)	134,408	1,419,775	(44,778)	18,971	7,451	37,824
1983	19	1,091,091	1,076,627	2,628	517,615	2,687,961	429,225	73,925	38,185	72,415
1984	26	1,875,968	2,317,661	3,290	1,068,363	5,265,282	506,951	36,354	9,610	92,846
1985	29	2,248,491	7,849,886	27,815	3,416,370	13,542,562	34,103	2,822	5,034	27,138
1986	31	16,420,238	10,020,277	1,309,599	1,819,349	29,569,463	85,732	14,715	17,144	13,982
1987	32	11,873,826	7,214,307	1,628,932	1,670,596	22,387,661	126,377	15,693	27,881	32,931
1988	55	3,287,756	1,648,431	1,015,971	686,821	6,638,979	290,505	36,744	51,786	25,078
1989	44	1,056,583	950,985	224,567	374,886	2,607,021	130,609	16,848	35,518	12,582
1990	63	493,522	537,881	145,694	71,938	1,249,035	275,732	32,387	99,251	40,263
1991	54	76,599	17,130	24,846	70,542	189,117	1,153,109	26,900	53,613	21,889
1992	42	56,492	6,525	18,333	37,778	119,128	401,906	53,036	61,799	51,386
1993	30	104,317	24,579	40,129	82,032	251,057	313,476	55,679	79,149	39,293
1994	14	68,065	13,463	27,107	45,909	154,544	(211,712)	29,017	362,585	36,350
1995	3	26,002	5,920	7,337	20,617	59,876	265,751	42,516	48,189	21,436
1996	0	14,790	3,334	6,614	14,606	39,344	139,573	13,049	25,751	10,677
1997	3	67,264	35,545	38,585	(13,571)	127,823	203,476	31,135	36,986	16,906
1998	7	15,410	6,392	6,797	10,396	38,995	67,974	6,120	14,731	4,616
1999	2	71,950	35,515	33,879	32,613	173,957	162,161	25,329	35,716	24,347
2000	24	29,992	8,327	11,710	4,156	54,185	100,654	15,688	24,144	19,652
2001	20	10,597	3,904	3,892	1,954	20,347	436,756	4,272	118,836	4,207
2002	14	27,018	18,971	15,254	4,614	65,857	3,068,535	5,648	329,244	64,425
2003	0	14,733	9,243	4,658	46,313	74,947	4,465,569	200,125	199,457	360,387
2004	0	23,929	2,214	2,341	145,290	173,774	1,257,335	120,340	131,702	99,547
2005	0	89,369	216	9	33,947	123,541	1,224,486	119,298	260,893	(81)
2006	5	28,222	237	90	879,428	907,978	1,234,636	68,374	259,542	523
2007	0	61,330	1	0	3,219,041	3,280,372	3,406,319	15,183	70,776	1,884
2008	4	75,107	6,065	5,318	7,878,424	7,964,914	6,248,064	35,890	169,891	5,098
2009	13	26,653	348	0	1,188,748	1,215,749	10,200,692	1,397,392	1,835,005	1,984
2010	0	4,735	(10)	(1)	395,362	400,086	7,061,416	104,212	468,330	14,866,013
2011	1	57,126	34	0	175,933	233,093	10,255,066	1,863,345	4,089,231	3,416,729
2012	0	585,216	3	15,163	311,585	911,967	7,800,110	1,379,855	3,102,674	104,555
2013	0	870,300	27	67,533	394,181	1,332,041	2,392,878	1,228,777	1,071,752	328,413
2014	0	781,566	3	109,243	355,488	1,246,300	(122,873)	(1,111,982)	(319,804)	127,441
2015	0	263,623	2	81,486	109,403	454,515	1,779,537	117,701	716,517	127,700
2016	0	93,968	4,506	50,292	32,460	181,226	200,594	156,508	198,553	46,005
2017	**0**	**35,812**	**572**	**25,101**	**10,195**	**71,680**	**35,832**	**131**	**176**	**23,884**
2018	0	198,951	105,367	96,168	20,797	421,283	1,548,287	49,862	67,616	454,214
2019	0	211,487	6,469	5,779	1,230	224,965	26,427	128,462	9,207	230,235
2020	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0	0	0
TOTAL	**341,149**	**45,261,962**	**33,176,697**	**5,067,519**	**28,905,904**	**112,412,082**	**81,508,910**	**7,666,506**	**18,087,160**	**31,474,364**

TABLE B-10 Capital Costs of Each Aqueduct Reach to be Reimbursed through Capital Cost Component of Transportation Charge (in dollars)

Sheet 2 of 8

Calendar Year	SOUTH BAY AQUEDUCT (continued)					CALIFORNIA AQUEDUCT NORTH SAN JOAQUIN DIVISION			
	Reach 6	Reach 7	Reach 8	Reach 9	Total	Reach 1	Reach 2A	Reach 2B	Subtotal
	[11]	[12]	[13]	[14]	[15]	[16]	[17]	[18]	[19]
1952	8	66	72	132	496	4,012	3,279	1,499	8,790
1953	38	327	336	640	2,425	10,559	8,589	3,964	23,112
1954	123	1,005	1,003	1,954	7,455	13,796	11,163	5,179	30,138
1955	160	1,293	1,149	2,454	9,500	7,370	5,952	2,760	16,082
1956	1,559	11,959	11,043	28,372	95,872	9,880	5,020	2,398	17,298
1957	3,659	28,675	27,385	563,114	729,065	11,953	5,456	2,612	20,021
1958	2,243	17,872	17,385	560,904	904,994	18,585	17,191	7,994	43,770
1959	357	3,200	3,568	149,874	843,718	123,170	100,306	45,510	268,986
1960	1,102	2,944	4,498	359,749	1,705,829	191,408	102,136	48,968	342,512
1961	4,726	18,325	22,765	(1,367)	3,880,575	153,765	195,947	42,843	392,555
1962	17,295	160,939	178,242	209,042	3,048,485	612,258	491,225	168,218	1,271,701
1963	265,414	1,250,386	939,832	129,902	5,626,310	1,993,284	1,525,734	684,095	4,203,113
1964	100,603	1,716,371	2,327,770	2,947,522	10,103,597	4,674,280	2,369,858	700,074	7,744,212
1965	42,345	368,476	637,266	1,921,844	4,464,145	5,877,189	6,873,699	2,975,719	15,726,607
1966	17,663	34,915	140,350	777,887	3,850,714	8,553,362	14,112,820	5,677,099	28,343,281
1967	(41,567)	137,856	147,183	379,764	5,070,861	9,678,607	10,672,113	6,646,739	26,997,459
1968	84,553	2,130	68,057	253,152	4,412,955	6,392,664	891,681	1,303,186	8,587,531
1969	4,279	11,572	162,300	32,000	1,575,529	3,542,767	792,259	443,924	4,778,950
1970	2,487	6,820	20,086	(15,718)	234,411	2,236,607	149,692	115,578	2,501,877
1971	4,350	6,923	17,750	39,084	122,687	98,138	215,512	69,410	383,060
1972	1,084	203	4,800	32,199	95,064	159,608	43,721	7,744	211,073
1973	288	989	7,449	9,693	65,621	105,581	25,496	22,418	153,495
1974	527	6,020	30,628	11,433	134,260	177,700	16,627	45,707	240,034
1975	126	679	1,086	3,464	71,991	239,144	14,680	169,676	423,500
1976	701	3,529	8,362	26,186	167,482	641,860	45,533	65,943	753,336
1977	270	1,310	8,651	24,938	234,239	274,381	20,283	22,568	317,232
1978	231	1,204	1,631	17,123	306,960	801,265	36,221	9,714	847,200
1979	1,367	1,721	2,134	7,322	181,041	1,051,792	59,695	26,106	1,137,593
1980	1,321	1,718	2,182	7,102	445,267	4,173,603	96,760	38,789	4,309,152
1981	308	1,462	1,398	5,077	(114,602)	(502,921)	1,487,516	38,451	1,023,046
1982	716	1,561	1,746	6,074	29,565	700,738	46,501	22,308	769,547
1983	407	5,721	8,143	23,367	651,388	706,104	84,435	211,619	1,002,158
1984	269	1,853	1,667	13,301	662,851	1,559,539	41,352	48,478	1,649,369
1985	402	1,657	2,129	6,750	80,035	677,955	24,812	19,404	722,171
1986	1,119	2,744	3,313	12,234	150,983	398,788	63,830	35,420	498,038
1987	1,496	3,081	3,560	21,842	232,861	799,672	88,945	41,659	930,276
1988	5,706	6,689	7,603	33,728	457,839	2,898,156	(128,051)	(56,448)	2,713,657
1989	2,641	3,878	4,755	14,489	221,320	6,898,872	346,589	173,993	7,419,454
1990	5,092	19,899	36,584	87,796	597,004	13,483,785	112,002	2,446,232	16,042,019
1991	1,942	5,059	7,357	31,682	1,301,551	13,914,632	133,121	114,981	14,162,734
1992	1,184	2,042	2,250	35,464	609,067	6,260,482	241,456	239,437	6,741,375
1993	3,618	6,028	8,873	42,200	548,316	2,542,869	257,330	200,072	3,000,271
1994	2,897	4,781	5,346	89,991	319,255	1,145,666	148,396	88,357	1,382,419
1995	11,556	3,635	14,769	24,750	432,602	1,462,211	217,940	131,995	1,812,146
1996	3,092	2,271	2,699	12,522	209,634	874,227	74,153	41,215	989,595
1997	1,454	4,141	3,655	20,589	318,342	2,064,446	146,851	84,303	2,295,600
1998	363	1,134	(6,005)	5,776	94,709	729,475	33,695	16,670	779,840
1999	1,533	3,304	12,727	31,634	296,751	2,208,776	88,951	90,639	2,388,366
2000	2,406	4,944	5,331	10,755	183,575	(706,517)	57,503	40,185	(608,829)
2001	91,721	68,849	404,226	1,190,653	2,319,521	371,407	91,792	8,926	472,124
2002	229,409	453,259	1,107,580	2,977,939	8,236,039	833,187	44,543	22,639	900,369
2003	67,216	509,964	477,926	1,409,228	7,689,872	228,767	22,779	13,565	265,112
2004	3,193	3,100	39,326	3,276,907	4,931,451	892,456	15,333	77,640	985,430
2005	5,341	5,271	4,848	731,512	2,351,567	294,112	40,135	98,505	432,751
2006	1,286	1,342	1,352	15,393	1,582,447	422,511	15,048	177,980	615,539
2007	7,470	7,471	7,471	10,731	3,527,304	490,384	58,152	121,987	670,522
2008	8,415	8,730	8,932	12,419	6,497,439	1,202,812	39,742	85,604	1,328,158
2009	3,054	3,271	3,369	4,804	13,449,571	555,295	41,137	30,031	626,464
2010	734	731	730	1,045	22,503,210	181,448	8,328	2,386	192,162
2011	6,514	7,668	6,484	9,188	19,654,224	813,697	51,659	3,983	869,339
2012	51,903	117,364	68,876	393,352	13,018,689	1,570,134	226,476	75,111	1,871,721
2013	130,731	137,199	384,922	875,282	6,549,953	6,957,464	800,204	237,566	7,995,234
2014	102,374	121,005	107,609	207,301	(888,929)	5,789,004	3,238,636	167,361	9,195,000
2015	26,053	37,802	38,192	62,844	2,906,347	5,857,589	930,778	373,501	7,161,867
2016	6,311	6,525	6,425	10,060	630,981	5,621,086	575,134	2,899,639	9,095,859
2017	**32**	**40**	**45**	**51**	**60,191**	**7,104,765**	**733,943**	**137,201**	**7,975,909**
2018	12,083	15,083	17,126	19,946	2,184,217	5,304,235	1,466,819	14,184	6,785,238
2019	1,203	1,430	1,281	3,124	401,369	2,570,357	756,964	9,902	3,337,223
2020	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0	0
TOTAL	**1,320,557**	**5,391,413**	**7,609,582**	**20,221,567**	**173,280,058**	**157,006,252**	**51,633,575**	**27,943,116**	**236,582,942**

TABLE B-10 Capital Costs of Each Aqueduct Reach to be Reimbursed through Capital Cost Component of Transportation Charge (in dollars)

Sheet 3 of 8

Calendar Year	CALIFORNIA AQUEDUCT (continued)									
	SAN LUIS DIVISION						SOUTH SAN JOAQUIN DIVISION			
	Reach 3	Reach 4	Reach 5	Reach 6	Reach 7	Subtotal	Reach 8C	Reach 8D	Reach 9	Reach 10A
	[20]	[21]	[22]	[23]	[24]	[25]	[26]	[27]	[28]	[29]
1952	2,492	3,549	3,987	1,010	1,390	12,428	13	727	1,109	695
1953	6,999	10,144	10,986	2,834	3,869	34,832	45	2,671	4,185	2,569
1954	8,704	12,545	13,693	3,520	4,766	43,228	50	2,719	4,026	2,821
1955	4,273	6,055	6,813	1,728	2,325	21,194	19	888	1,100	1,097
1956	3,295	5,600	5,857	1,445	3,556	19,753	98	3,850	4,376	4,428
1957	3,543	6,115	6,357	1,565	3,998	21,578	234	10,604	13,209	13,269
1958	11,927	19,393	22,037	5,509	7,512	66,378	375	19,033	25,073	25,086
1959	21,979	37,358	39,689	9,813	19,679	128,518	436	20,578	25,697	25,787
1960	207,025	45,419	41,044	12,074	37,633	343,195	1,673	44,565	25,290	47,492
1961	184,443	292,639	170,559	38,338	70,068	756,047	3,949	75,726	30,852	68,505
1962	495,836	549,984	252,698	22,397	26,967	1,347,882	6,131	159,481	62,375	57,705
1963	2,772,189	2,034,351	2,498,712	66,353	30,647	7,402,252	5,861	161,252	81,343	52,585
1964	4,348,311	4,932,301	1,053,227	161,422	251,461	10,746,722	4,014	90,622	117,907	124,014
1965	3,860,997	5,688,252	2,869,931	1,072,111	667,768	14,159,059	15,049	491,042	564,036	622,257
1966	2,312,372	8,527,843	5,765,798	4,230,221	7,708,334	28,544,568	201,274	5,197,322	2,539,278	2,800,056
1967	(44,527)	2,062,305	6,942,522	222,885	6,675,398	15,858,583	212,285	4,982,844	3,363,650	3,652,342
1968	119,884	395,689	973,956	179,917	461,031	2,130,477	64,234	611,192	940,074	1,025,969
1969	(6,065)	126,946	98,492	107,486	160,668	487,527	58,960	116,146	85,130	145,111
1970	32,387	(20,243)	105,385	(827,457)	1,215,966	506,038	23,011	106,810	84,116	74,366
1971	99,945	230,624	305,227	26,995	341,010	1,003,801	8,813	33,099	23,088	15,595
1972	15,990	90,852	17,053	14,621	281,343	419,859	10,818	13,349	16,603	19,736
1973	6,753	103,707	41,549	13,810	41,427	207,246	5,145	11,089	13,249	14,283
1974	6,618	117,165	55,978	16,199	71,796	267,756	5,434	24,433	16,567	22,111
1975	18,921	107,275	23,671	8,797	152,574	311,238	5,424	15,960	12,966	15,865
1976	17,485	79,554	13,041	5,138	41,687	156,905	19,931	76,280	62,164	76,202
1977	35,707	84,669	9,412	4,028	9,655	143,471	21,096	70,005	97,952	75,628
1978	8,539	428,395	7,006	3,536	6,994	454,470	7,584	40,453	17,395	48,754
1979	(35,394)	543,225	19,463	9,485	(242,253)	294,526	10,474	6,181	6,227	241
1980	66,622	3,450,695	191,307	75,209	185,384	3,969,217	2,158	17,492	17,706	18,165
1981	28,491	(2,244,127)	(44,017)	(15,456)	918,984	(1,356,125)	1,151	9,642	9,541	10,309
1982	100,629	(1,616,569)	20,184	10,359	3,525,738	2,040,341	2,469	8,283	6,956	8,237
1983	75,639	33,881	11,785	6,638	1,811,638	1,939,581	7,955	13,782	11,090	14,488
1984	31,748	87,083	26,712	12,754	3,053,662	3,211,959	26,489	9,959	6,268	7,533
1985	53,251	56,732	13,685	6,934	582,910	713,512	7,220	9,762	7,688	9,215
1986	73,979	201,509	50,668	19,223	1,282,469	1,627,848	8,902	25,011	20,503	22,335
1987	(7,829)	116,268	40,009	15,946	518,349	682,743	12,744	18,927	56,042	16,704
1988	(149,385)	224,154	(406,398)	(137,353)	923,622	454,640	9,833	(119,741)	(60,639)	(159,357)
1989	39,652	594,894	232,852	80,090	575,855	1,523,343	5,279	91,501	278,061	70,153
1990	39,270	259,895	79,589	29,606	461,219	869,579	5,814	41,345	2,016,434	34,841
1991	4,916,134	397,959	98,847	35,860	511,519	5,960,319	4,588	43,140	41,348	36,888
1992	(757,001)	545,729	211,854	74,544	396,398	471,524	3,546	103,695	109,225	103,321
1993	110,233	724,929	186,271	70,815	720,283	1,812,531	15,016	101,634	90,929	90,291
1994	1,151,976	288,018	63,862	27,812	710,770	2,242,438	6,770	42,455	40,696	65,737
1995	285,776	441,479	130,761	58,640	1,914,186	2,830,842	12,548	49,963	43,251	435,909
1996	31,942	(110,471)	34,529	12,219	588,712	556,931	6,444	29,863	27,050	253,433
1997	73,224	513,793	(277,781)	42,881	5,016,215	5,368,332	11,497	49,111	43,799	73,458
1998	19,692	304,115	34,319	16,542	2,819,556	3,194,224	2,562	11,115	8,955	14,618
1999	18,187	158,902	100,061	41,691	1,901,382	2,220,222	5,706	25,179	23,510	47,359
2000	101,618	373,699	78,036	36,186	1,139,073	1,728,613	3,922	23,591	29,281	43,459
2001	(10,513)	(47,112)	519,031	(3,546)	61,595	519,455	2,280	17,030	21,196	42,731
2002	12,237	24,434	6,079,343	3,454	(1,812,639)	4,306,829	3,627	44,010	20,221	87,805
2003	8,864	79,647	(5,377,004)	7,923	6,118,421	837,852	2,130	18,793	16,716	22,946
2004	(16,126)	(14,365)	(50,563)	(2,487)	147,468	63,927	22,520	5,980	3,879	5,493
2005	261	11,360	129,470	3,529	2,533,886	2,678,506	26,301	11,593	6,323	7,316
2006	1,421	27,658	(10,639)	1,444	(28,549)	(8,664)	6,106	2,942	1,621	1,872
2007	2	87,855	39,476	7,718	34,608	169,659	13,352	21,920	11,909	13,807
2008	14,780	16,097	46,719	13,920	2,107,019	2,198,535	9,017	13,020	7,277	8,919
2009	934	216,920	45,727	5,164	(43,789)	224,956	2,380	16,160	8,894	10,504
2010	(16)	1,560,454	130,995	655	(355,859)	1,336,229	(1)	1,824	989	1,148
2011	7,073	644,241	481,776	1,325	78,355	1,212,771	3	6,385	1,768	14,006
2012	44,540	213,896	2,999	29,658	170,358	461,451	1,139	114,545	36,447	73,710
2013	810,117	299,508	906,259	120,865	215,316	2,352,064	42,393	383,194	323,185	342,033
2014	843,003	317,107	461,093	67,178	207,794	1,896,174	20,475	181,707	136,459	158,996
2015	(624,058)	145,421	228,663	15,444	153,006	(81,523)	45,988	140,973	95,175	122,837
2016	248,879	3,350,250	2,784,418	121,708	551,346	7,056,601	91,311	422,628	209,782	402,801
2017	**176,001**	**7,197,061**	**1,946,640**	**184,593**	**2,340,382**	**11,844,677**	**82,770**	**327,598**	**1,167,528**	**424,335**
2018	78,295	5,800,148	1,375,418	133,210	188,747	7,575,818	0	7,328	0	616,221
2019	42,007	2,101,728	540,675	28,007	23,656	2,736,073	577	7,405	4,801	319,380
2020	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0	0	0
TOTAL	**22,462,178**	**53,356,588**	**32,531,774**	**6,676,682**	**60,306,313**	**175,333,534**	**1,227,412**	**14,739,666**	**13,140,902**	**12,928,526**

TABLE B-10 Capital Costs of Each Aqueduct Reach to be Reimbursed through Capital Cost Component of Transportation Charge (in dollars)

Sheet 4 of 8

Calendar Year	CALIFORNIA AQUEDUCT (continued)									
	SOUTH SAN JOAQUIN DIVISION (continued)									
	Reach 11B	Reach 12D	Reach 12E	Reach 13B	Reach 14A	Reach 14B	Reach 14C	Reach 15A	Reach 16A	Subtotal
	[30]	[31]	[32]	[33]	[34]	[35]	[36]	[37]	[38]	[39]
1952	1,279	1,980	995	1,663	794	212	212	1,911	4,440	16,030
1953	4,790	7,480	3,745	6,236	2,599	733	741	7,016	16,513	59,323
1954	4,855	7,565	3,792	6,319	2,880	810	817	7,073	16,601	60,328
1955	1,557	2,404	1,211	2,025	1,183	325	327	2,253	5,223	19,612
1956	6,223	9,233	4,737	8,054	7,026	1,638	1,584	9,939	21,754	82,940
1957	18,772	29,082	14,615	24,411	15,651	3,834	3,864	26,871	62,657	237,073
1958	48,191	78,564	39,087	61,715	33,726	12,330	11,813	49,499	133,083	537,575
1959	67,246	107,781	53,836	86,478	64,824	22,102	21,828	70,838	205,748	773,179
1960	66,317	77,936	39,867	63,517	84,363	23,260	22,305	73,305	204,788	774,678
1961	46,073	88,274	51,457	28,015	242,753	91,290	65,565	150,205	206,305	1,148,969
1962	56,056	69,189	44,851	49,179	208,180	61,489	47,608	133,653	171,396	1,127,293
1963	91,914	173,985	86,405	67,733	425,626	104,436	77,970	102,072	481,941	1,913,123
1964	333,621	291,013	174,469	86,271	1,093,795	684,005	485,033	571,173	1,778,952	5,834,889
1965	1,053,029	1,524,848	1,044,851	196,487	3,385,205	1,655,024	1,436,258	476,830	1,268,176	13,733,092
1966	3,709,779	673,429	466,228	418,141	4,916,319	974,862	724,354	1,829,852	2,896,274	27,347,168
1967	4,636,627	1,881,333	1,244,265	1,238,428	2,788,299	525,653	400,183	1,721,304	3,442,021	30,089,234
1968	1,323,302	4,726,074	3,145,775	8,343,706	10,210,266	1,330,361	1,405,117	7,522,015	7,578,498	48,226,583
1969	229,185	706,272	529,080	3,704,065	15,112,041	1,223,457	1,134,395	9,523,012	13,136,056	45,702,910
1970	85,151	70,725	72,798	320,797	11,031,255	987,213	738,955	8,836,897	13,890,751	36,322,845
1971	45,006	43,988	42,624	339,078	2,925,191	193,255	36,514	3,275,227	7,903,937	14,885,415
1972	32,657	43,939	24,748	81,937	1,388,348	101,784	20,165	1,003,380	3,025,555	5,783,019
1973	16,448	9,980	16,320	25,090	680,834	19,584	13,469	798,805	1,472,313	3,096,609
1974	14,951	19,555	32,240	29,582	524,504	30,735	16,333	778,696	1,031,843	2,546,984
1975	13,479	10,793	13,678	25,827	269,197	25,164	21,048	370,265	489,545	1,289,211
1976	54,217	37,464	59,842	105,332	507,519	59,753	42,776	434,574	618,049	2,154,103
1977	52,919	22,826	54,444	81,293	301,515	49,972	30,152	235,514	580,209	1,673,525
1978	16,469	(2,816)	27,331	43,126	348,674	(653)	1,500	297,817	582,775	1,428,409
1979	6,906	13,401	14,229	25,411	293,786	9,846	7,856	245,590	542,554	1,182,702
1980	18,813	15,608	27,498	34,190	1,676,267	29,169	23,023	1,719,775	3,772,498	7,372,362
1981	14,885	26,473	20,972	25,515	(1,076,221)	27,551	33,674	(1,142,721)	(2,527,211)	(4,566,440)
1982	6,608	7,680	8,346	16,339	(745,914)	9,886	29,393	(804,147)	(1,850,736)	(3,296,600)
1983	9,792	14,174	13,050	35,872	419,650	17,389	24,933	115,983	166,232	864,390
1984	27,613	87,907	49,271	22,732	54,590	75,453	63,060	63,537	119,387	613,799
1985	6,949	5,263	8,013	8,875	(49,408)	9,523	5,867	54,782	82,117	165,866
1986	16,664	16,014	25,031	20,483	140,642	25,960	13,913	154,089	186,348	675,895
1987	13,512	12,369	20,023	15,435	101,453	20,411	8,581	227,047	194,936	718,184
1988	(73,648)	(151,040)	(51,401)	(120,104)	161,077	(75,276)	(75,307)	144,369	262,334	(308,900)
1989	65,216	63,382	120,925	73,037	2,778,880	119,559	36,660	2,952,046	5,955,356	12,610,055
1990	29,230	27,269	49,082	34,048	715,031	44,187	14,537	440,017	640,283	4,092,118
1991	32,195	30,146	55,119	34,144	423,235	50,345	12,116	353,596	774,129	1,890,989
1992	99,765	98,178	192,455	97,638	991,603	185,311	9,210	387,615	731,512	3,113,074
1993	70,131	63,247	118,440	80,530	687,462	109,792	38,960	942,211	857,038	3,265,681
1994	29,221	26,997	50,234	35,154	400,534	44,481	17,426	324,942	853,328	1,937,975
1995	32,487	25,516	49,885	41,733	524,524	48,740	29,125	450,952	628,941	2,373,574
1996	19,489	15,020	30,202	29,333	403,125	26,945	16,405	253,622	388,064	1,498,995
1997	30,890	25,368	48,767	40,900	451,910	47,815	29,878	809,848	481,458	2,144,699
1998	7,107	5,773	10,697	9,676	288,667	10,799	6,819	119,562	440,746	937,096
1999	17,022	13,362	34,410	31,539	260,623	24,634	14,826	264,538	361,516	1,124,225
2000	21,186	32,480	40,180	25,119	168,825	15,243	11,006	151,512	372,997	938,802
2001	14,471	22,325	34,995	8,027	71,645	4,537	3,988	66,918	167,694	477,837
2002	19,626	7,157	78,600	47,505	276,160	22,632	34,980	164,596	286,748	1,093,668
2003	9,280	8,935	18,115	15,308	136,433	6,671	9,686	110,492	159,978	535,484
2004	3,291	4,188	7,001	5,787	52,563	5,588	1,490	50,520	322,068	490,368
2005	6,332	12,579	6,307	6,354	21,617	12,567	44	9,079	43,887	170,299
2006	1,680	3,146	1,618	1,736	5,936	3,109	108	2,695	11,294	43,863
2007	11,909	23,818	11,909	11,910	40,392	23,818	1	16,745	82,675	284,166
2008	6,999	12,960	8,044	8,187	35,363	13,537	568	22,711	63,596	210,197
2009	8,926	16,976	9,236	9,565	35,656	17,158	450	18,753	67,633	222,291
2010	985	1,985	990	981	3,325	1,988	(7)	1,362	6,865	22,435
2011	1,782	3,513	1,767	1,796	40,475	3,504	26	13,750	134,357	223,131
2012	33,065	62,348	34,901	34,973	393,561	64,937	3,511	494,940	686,555	2,034,633
2013	196,084	263,911	240,567	240,749	1,246,859	349,608	127,458	1,544,197	1,678,853	6,979,091
2014	98,155	149,649	112,143	112,254	867,288	175,751	46,203	632,842	1,189,256	3,881,178
2015	80,659	97,498	100,853	108,237	819,453	119,113	58,327	664,725	820,322	3,274,158
2016	137,263	691,256	300,700	653,250	1,148,537	518,366	113,544	869,378	1,591,803	7,150,619
2017	**88,172**	**1,159,310**	**123,762**	**480,491**	**921,558**	**377,241**	**90,109**	**758,082**	**1,653,348**	**7,654,304**
2018	0	5,400,095	0	0	3,430,464	0	0	1,851,138	3,709,585	15,014,831
2019	3,265	1,905	9,543	10,021	2,039,503	5,576	2,466	1,010,033	1,977,319	5,391,794
2020	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0	0	0
TOTAL	**13,254,091**	**19,131,038**	**9,329,769**	**17,819,236**	**77,229,696**	**10,786,090**	**7,625,800**	**54,841,716**	**89,313,065**	**341,367,007**

TABLE B-10 Capital Costs of Each Aqueduct Reach to be Reimbursed through Capital Cost Component of Transportation Charge (in dollars)

Sheet 5 of 8

Calendar Year	CALIFORNIA AQUEDUCT (continued)									
	TEHACHAPI DIVISION			MOJAVE DIVISION						
	Reach 17E	Reach 17F	Subtotal	Reach 18A	Reach 19	Reach 19C	Reach 20A	Reach 20B	Reach 21	Reach 22A
	[40]	[41]	[42]	[43]	[44]	[45]	[46]	[47]	[48]	[49]
1952	9,703	4,072	13,775	4,090	1,520	0	2,561	892	5,788	35
1953	31,337	13,284	44,621	12,610	4,685	0	7,246	3,402	17,846	71
1954	46,243	20,010	66,253	16,642	6,184	0	9,506	4,548	23,558	369
1955	25,880	11,362	37,242	5,612	2,086	0	2,529	2,213	7,947	178
1956	47,487	17,609	65,096	6,038	2,244	0	2,440	2,655	8,542	216
1957	119,673	49,130	168,803	22,348	8,304	0	9,035	9,826	31,616	800
1958	164,056	72,091	236,147	37,917	14,166	123	15,391	16,752	53,569	1,397
1959	151,389	57,883	209,272	38,620	23,450	1,102	23,605	18,604	56,724	1,844
1960	203,222	45,323	248,545	21,356	26,093	5,318	40,523	37,179	43,893	11,029
1961	387,819	85,558	473,377	35,664	32,281	2,262	34,918	37,102	21,532	14,517
1962	353,119	82,610	435,729	68,508	266,284	1,841	10,323	10,730	8,197	4,186
1963	1,191,633	124,757	1,316,390	37,379	435,881	4,137	39,706	40,865	26,670	17,081
1964	1,866,000	775,005	2,641,005	95,693	706,369	8,564	43,342	71,116	33,912	22,793
1965	2,574,824	2,284,869	4,859,693	121,060	716,092	9,156	108,519	343,506	91,095	65,689
1966	5,537,412	9,323,517	14,860,929	366,116	1,644,699	13,373	159,282	1,311,628	160,388	178,538
1967	26,239,390	12,398,708	38,638,098	1,312,022	903,880	24,103	645,078	1,718,942	498,257	367,961
1968	33,363,479	7,416,464	40,779,943	136,804	7,109,653	71,388	1,889,601	2,291,691	1,141,929	1,145,768
1969	40,368,425	6,883,206	47,251,631	213,805	2,465,641	7,423	5,939,151	5,626,284	2,358,737	1,515,147
1970	35,446,706	6,786,231	42,232,937	2,211,077	1,210,665	6,217	3,652,478	5,304,372	3,232,911	2,081,810
1971	20,141,395	6,835,303	26,976,698	1,496,843	284,738	6,994	1,074,759	1,091,123	825,070	432,464
1972	10,002,935	34,791	10,037,726	129,417	409,903	3,620	471,963	635,507	484,772	324,865
1973	3,090,140	36,207	3,126,347	23,931	75,638	2,539	88,416	83,840	63,774	36,179
1974	4,798,348	152,494	4,950,842	28,399	205,581	2,703	138,673	118,639	103,545	54,198
1975	2,144,178	411,404	2,555,582	44,774	70,652	5,066	68,157	169,294	167,240	19,453
1976	1,124,357	174,629	1,298,986	121,043	84,593	6,786	59,967	102,909	44,896	24,732
1977	655,047	31,512	686,559	261,400	133,767	7,521	117,878	120,160	71,389	49,445
1978	1,900,843	27,956	1,928,799	553,014	57,150	5,872	51,615	68,838	32,855	18,183
1979	2,099,385	61,381	2,160,766	626,615	339,536	10,831	37,085	36,225	18,948	10,675
1980	17,433,610	6,046	17,439,656	1,130,429	1,073,430	3,604	308,188	284,545	133,526	121,171
1981	(3,848,206)	6,908	(3,841,298)	1,218,824	845,702	4,498	48,625	32,214	13,223	6,466
1982	11,370,112	6,054	11,376,166	6,968,683	746,900	3,920	33,869	77,988	13,158	14,459
1983	8,862,914	8,269	8,871,183	10,909,386	64,660	2,596	40,793	58,714	25,900	10,363
1984	3,227,937	31,701	3,259,638	8,340,371	309,491	3,124	17,505	35,378	845,423	6,052
1985	1,926,289	10,460	1,936,749	5,264,156	227,986	3,885	68,422	(232,549)	(481,017)	1,945,477
1986	1,381,955	33,788	1,415,743	2,049,111	2,069,663	4,261	2,331,707	(2,046,222)	(1,334,975)	3,260,280
1987	671,183	13,807	684,990	1,347,722	(6,453)	4,684	562,540	(344,829)	55,519	64,264
1988	1,408,760	(49,734)	1,359,026	847,954	(104,961)	13,409	(159,892)	(147,290)	(70,564)	351,489
1989	504,715	64,660	569,375	376,980	207,150	50,953	31,173	60,657	30,217	534,658
1990	783,219	25,218	808,437	202,065	(402,573)	61,192	(637,062)	(403,413)	(635,623)	(97,841)
1991	691,578	33,405	724,983	273,021	22,218	81,545	(188,732)	(18,809)	(147,369)	(17,234)
1992	741,986	24,369	766,355	620,962	384,568	86,644	225,398	338,098	(263,897)	75,210
1993	1,223,402	35,370	1,258,772	1,131,166	248,287	72,746	110,869	180,598	133,941	49,144
1994	806,213	16,681	822,894	998,126	164,096	60,147	51,340	114,273	65,260	26,546
1995	1,538,497	19,443	1,557,940	390,433	157,481	45,990	92,925	121,499	66,503	30,918
1996	2,571,039	10,797	2,581,836	91,593	69,281	22,188	35,656	48,699	44,953	17,787
1997	1,009,249	18,265	1,027,514	135,402	92,607	13,590	65,433	39,973	55,881	27,865
1998	925,574	6,843	932,417	47,486	36,170	4,164	29,900	27,626	20,285	12,816
1999	662,144	12,166	674,310	113,232	49,150	5,329	171,935	58,392	37,660	17,874
2000	408,352	14,333	422,685	120,267	90,145	936	83,478	75,230	44,857	20,181
2001	266,815	10,891	277,706	65,580	186,973	2,223	343,775	121,907	77,799	54,526
2002	247,986	9,586	257,572	35,787	(139,334)	1,374	(111,675)	(82,663)	(7,369)	(43,431)
2003	189,022	12,339	201,361	84,434	(19,049)	0	(11,367)	(7,564)	(3,238)	(3,009)
2004	372,622	4,637	377,259	19,723	17,430	0	18,763	12,619	13,744	5,414
2005	2,264,602	6,587	2,271,188	27,020	18,910	0	25,134	18,874	25,074	6,335
2006	5,855,349	2,353	5,857,702	7,062	4,978	0	6,373	4,511	5,983	1,500
2007	3,829,554	11,915	3,841,469	49,382	35,729	0	47,637	35,725	47,634	11,908
2008	640,715	7,591	648,306	20,474	19,644	0	28,901	19,526	25,456	6,477
2009	9,987,899	10,348	9,998,247	23,685	25,891	0	33,870	24,745	32,909	8,241
2010	11,126,864	940	11,127,803	25,049	2,960	0	3,965	2,992	3,992	997
2011	4,980,685	1,943	4,982,629	4,594	5,331	0	7,045	5,220	6,951	1,739
2012	875,243	32,877	908,120	95,936	114,523	0	152,679	114,484	152,651	38,158
2013	704,335	156,471	860,806	234,199	314,887	0	419,827	314,845	419,785	104,949
2014	3,010,683	79,990	3,090,674	1,077,259	203,219	0	270,945	203,188	270,922	67,726
2015	9,052,794	37,215	9,090,009	678,421	91,309	0	1,520,944	91,309	121,745	30,436
2016	5,005,509	48,665	5,054,174	80,972	52,468	0	70,385	52,503	69,933	17,494
2017	**6,799,918**	**4,198**	**6,804,116**	**168,157**	**268,272**	**0**	**357,696**	**268,272**	**357,696**	**89,424**
2018	7,163,698	0	7,163,698	184,711	325,905	0	558,224	335,969	427,179	109,904
2019	5,975,009	0	5,975,009	231,728	15,093	0	130,055	24,038	13,581	6,159
2020	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0	0	0
TOTAL	**326,734,248**	**55,004,762**	**381,739,010**	**53,740,340**	**25,131,870**	**759,941**	**21,940,993**	**19,200,113**	**10,350,885**	**13,392,516**

TABLE B-10 Capital Costs of Each Aqueduct Reach to be Reimbursed through Capital Cost Component of Transportation Charge (in dollars)

Calendar Year	CALIFORNIA AQUEDUCT (continued)									
	MOJAVE DIVISION (continued)				SANTA ANA DIVISION					
	Reach 22B	Reach 23	Reach 24	Subtotal	Reach 25	Reach 26A	Reach 28G[a]	Reach 28H	Reach 28J	Subtotal
	[50]	[51]	[52]	[53]	[54]	[55]	[56]	[57]	[58]	[59]
1952	2,013	2,074	2,413	21,386	3,334	5,599	4,785	4,055	3,020	20,793
1953	5,752	6,886	7,438	65,936	10,275	17,264	15,580	11,511	9,476	64,106
1954	8,560	7,849	9,820	87,036	13,566	22,790	18,015	18,100	12,160	84,631
1955	2,754	2,725	3,313	29,357	4,575	7,687	6,052	6,081	4,151	28,546
1956	2,905	2,961	3,561	31,562	4,917	8,264	6,496	6,525	4,480	30,682
1957	10,757	10,962	13,177	116,825	18,205	30,586	24,044	24,156	16,585	113,576
1958	18,717	18,578	22,627	199,237	31,001	52,019	40,844	41,033	28,470	193,367
1959	25,421	20,372	45,646	255,388	39,325	58,137	45,746	45,946	44,331	233,485
1960	136,751	17,152	109,816	449,110	65,655	93,700	59,102	58,548	118,969	395,974
1961	215,859	9,546	373,473	777,154	26,979	56,734	32,226	34,382	674,787	825,108
1962	164,168	4,336	279,421	817,994	9,964	36,235	21,383	20,530	47,484	135,596
1963	237,695	7,228	358,503	1,205,145	31,013	112,271	43,884	41,698	1,506,440	1,735,306
1964	262,996	6,863	244,003	1,495,651	69,669	202,642	89,710	45,762	98,569	506,352
1965	827,655	11,836	621,566	2,916,174	279,237	206,356	96,956	76,899	146,095	805,543
1966	1,746,245	31,078	1,018,628	6,629,975	415,066	364,004	170,878	308,756	589,107	1,847,811
1967	3,146,128	62,135	2,331,106	11,009,612	3,184,296	638,539	233,968	283,126	987,832	5,327,761
1968	4,588,850	102,207	2,600,293	21,078,184	8,264,126	1,268,194	871,337	266,295	780,587	11,450,539
1969	7,750,478	260,659	11,131,406	37,268,731	6,807,783	1,768,456	1,117,873	1,444,654	756,442	11,895,208
1970	23,451,612	1,240,798	16,885,193	59,277,133	2,169,051	7,229,429	1,843,621	1,013,468	2,829,523	15,085,092
1971	16,772,680	1,922,115	5,385,721	29,292,507	1,135,248	9,811,736	16,095,702	6,401,303	12,111,623	45,555,612
1972	3,788,894	48,049	788,479	7,085,469	1,095,740	5,528,987	1,537,880	11,960,791	21,542,747	41,666,145
1973	1,623,274	24,333	4,225,877	6,247,801	136,994	1,810,729	209,664	247,769	3,673,344	6,078,500
1974	5,699,605	130,567	766,562	7,248,472	68,180	1,922,999	162,178	101,638	1,980,991	4,235,986
1975	4,793,580	19,467	373,783	5,731,466	166,653	3,787,797	157,365	124,399	1,626,274	5,862,488
1976	3,103,916	84,188	204,705	3,837,735	475,176	1,494,750	178,287	118,748	1,497,465	3,764,426
1977	1,654,122	60,112	232,230	2,708,024	76,255	776,085	127,106	89,036	323,091	1,391,573
1978	677,448	36,484	210,198	1,711,657	57,463	131,076	147,112	153,867	347,482	837,000
1979	560,506	10,634	103,615	1,754,670	29,960	80,482	29,723	19,225	225,947	385,337
1980	2,239,224	60,229	559,963	5,914,309	31,462	181,638	137,833	154,821	1,077,900	1,583,654
1981	(774,614)	138,917	203,941	1,737,796	5,864	69,031	28,815	22,654	61,349	187,713
1982	432,274	346,905	79,819	8,717,975	9,224	159,280	16,069	58,900	55,841	299,314
1983	451,428	2,029,405	58,989	13,652,234	4,304	528,764	18,213	89,581	(264,804)	376,058
1984	(83,811)	1,290,740	34,764	10,799,037	3,850	270,455	14,462	12,259	49,547	350,573
1985	608,583	966,160	51,634	8,422,737	5,555	62,571	17,816	11,481	54,070	151,493
1986	1,097,122	230,510	51,994	7,713,451	9,927	114,561	31,564	25,037	86,794	267,883
1987	3,631,282	146,850	91,223	5,552,802	4,908	27,208	17,141	8,005	45,528	102,790
1988	552,546	558,557	197,761	2,039,009	7,358	161,957	41,892	21,113	90,784	323,104
1989	4,161,037	1,496,776	433,072	7,382,673	8,092	(2,297,399)	28,708	12,619	51,556	(2,196,424)
1990	8,794,258	1,394,698	344,367	8,620,068	176,854	(1,657,576)	27,478	12,817	55,408	(1,385,019)
1991	7,985,326	3,624,824	139,105	11,753,895	202,286	(1,316,160)	142,139	15,524	62,794	(893,417)
1992	4,849,560	8,364,426	127,829	14,808,798	333,934	(1,878,502)	34,185	13,422	69,479	(1,427,482)
1993	2,094,764	15,390,366	159,211	19,571,092	1,506,787	3,979,221	44,300	27,047	162,854	5,720,209
1994	933,021	8,082,401	81,869	10,577,079	2,104,588	2,493,097	16,351	11,673	54,581	4,680,290
1995	1,096,953	5,924,175	123,653	8,050,530	3,310,564	500,791	35,402	28,202	164,254	4,039,213
1996	1,736,686	2,181,669	96,339	4,344,851	19,019,751	(100,474)	76,723	73,629	344,747	19,414,376
1997	809,666	(342,563)	102,390	1,000,244	7,645,602	(662,524)	50,662	20,720	268,293	7,322,753
1998	273,139	3,392,776	36,135	3,880,497	993,619	1,613,505	10,268	8,970	479,138	3,105,500
1999	1,006,721	2,208,657	123,472	3,792,421	224,119	843,638	84,683	45,293	324,223	1,521,955
2000	724,837	1,251,684	83,871	2,495,486	129,156	1,285,637	64,095	41,331	114,224	1,634,443
2001	550,843	342,964	26,780	1,773,369	73,031	447,282	20,193	13,635	88,656	642,797
2002	270,386	269,139	71,793	264,008	54,815	1,753,554	53,787	12,619	196,949	2,071,724
2003	382,025	146,659	30,255	599,147	86,731	350,997	1,096,665	2,482,179	179,466	4,196,038
2004	262,810	48,570	12,285	411,358	13,577	275,709	1,736,308	856,587	24,559	2,906,739
2005	62,967	104,838	144,149	433,303	16,962	120,279	2,049,655	410,021	270,894	2,867,810
2006	15,163	294,318	577,859	917,747	21,932	16,665	2,302,259	406,071	2,544,382	5,291,309
2007	151,063	919,040	69,935	1,368,052	12,905	55,918	(246)	1,099,958	3,664,344	4,832,879
2008	346,638	3,113,899	2,019,852	5,600,869	2,481	82,555	835,530	899,508	682,829	2,502,902
2009	940,452	448,164	1,834,401	3,372,357	2,972	260,999	4,202,648	976,867	2,819,145	8,262,631
2010	2,207,142	26,737	1,373,264	3,647,098	(3)	119,968	43,408	930,165	3,865,738	4,959,276
2011	5,924,635	6,288	99,900	6,061,703	11	35,412	1,173,995	577	1,955,691	3,165,686
2012	10,149,651	95,175	28,760	10,942,016	8,715	477,006	2,750,751	214,702	2,760,048	6,211,222
2013	6,331,413	334,524	74,035	8,548,463	36,624	1,113,282	3,313,512	1,342,565	6,139,955	11,945,937
2014	2,576,361	184,199	28,491	4,882,309	15,952	2,420,588	79,084	64,672	3,933,527	6,513,824
2015	1,890,516	120,714	15,294	4,560,688	10,156	3,069,709	19,721	20,406	20,412,533	23,532,526
2016	506,452	1,575,567	12,648	2,438,422	11,340	1,799,535	11,667	22,681	31,053,422	32,898,645
2017	**1,071,939**	**1,841,209**	**74,052**	**4,496,717**	**766,417**	**3,852,864**	**86,466**	**735,050**	**19,327,280**	**24,768,077**
2018	2,038,964	550,950	142,540	4,674,346	534,182	5,059,005	160,274	2,465,034	12,885,912	21,104,407
2019	966,163	103,569	48,307	1,538,693	0	2,764,690	0	5,772,375	6,059,228	14,596,293
2020	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0	0	0
TOTAL	**160,544,927**	**73,426,880**	**58,218,575**	**436,707,041**	**62,096,311**	**65,978,283**	**44,261,992**	**42,409,069**	**174,260,587**	**389,006,243**

[a] Includes excess capacity costs (not shown in Table B-9) allocated to Metropolitan in the following years and repaid under Article 24(c) of its contract: 1970 - $362,000; 1971 - $6,198,000; 1972 - $139,000.

TABLE B-10 Capital Costs of Each Aqueduct Reach to be Reimbursed through Capital Cost Component of Transportation Charge (in dollars)

Sheet 7 of 8

Calendar Year	CALIFORNIA AQUEDUCT (continued)									
	WEST BRANCH							COASTAL BRANCH		
	Reach 29A	Reach 29F	Reach 29G	Reach 29H	Reach 29J	Reach 30	Subtotal	Reach 31A	Reach 33A	Reach 33B
	[60]	[61]	[62]	[63]	[64]	[65]	[66]	[67]	[68]	[69]
1952	2,924	136	175	459	553	1,408	5,655	0	0	0
1953	9,093	344	237	1,754	1,683	4,346	17,457	0	0	0
1954	7,389	1,201	2,229	2,350	4,162	5,743	23,074	0	0	0
1955	1,019	585	1,086	1,147	2,029	1,943	7,809	0	0	0
1956	490	698	1,297	1,366	2,420	2,077	8,348	0	0	0
1957	1,809	2,583	4,792	5,057	8,952	7,684	30,877	0	0	0
1958	3,256	4,516	8,714	8,878	15,847	13,931	55,142	0	0	0
1959	7,953	9,150	19,414	18,243	35,583	44,384	134,727	28,046	49,114	0
1960	21,753	14,990	34,447	29,764	69,752	84,703	255,409	34,404	70,450	0
1961	22,442	12,775	21,559	20,086	39,761	123,330	239,953	13,801	17,868	0
1962	40,237	28,729	86,938	58,215	108,962	348,366	671,447	10,121	7,798	0
1963	91,959	69,162	163,347	110,015	211,592	521,491	1,167,566	20,470	14,299	0
1964	150,670	66,420	207,977	143,340	291,404	1,372,464	2,232,275	315,418	26,963	0
1965	361,811	77,914	403,115	127,430	589,638	3,383,950	4,943,858	747,023	36,178	0
1966	489,512	203,497	1,233,640	348,918	3,231,797	9,364,753	14,872,117	2,258,915	35,864	0
1967	1,589,715	882,096	1,117,243	891,607	31,088,491	17,618,827	53,187,979	6,310,419	38,331	0
1968	3,899,363	300,921	396,190	1,104,832	36,157,768	15,736,691	57,595,765	2,707,580	30,784	0
1969	6,592,580	336,480	693,348	1,184,454	9,655,871	16,228,175	34,690,908	423,797	26,549	0
1970	7,986,733	6,089,401	2,624,747	3,002,968	8,463,475	22,330,328	50,497,652	269,194	24,368	0
1971	4,247,037	3,768,699	1,120,231	8,244,651	5,844,024	16,890,503	40,115,145	164,446	32,230	0
1972	1,871,831	426,932	985,512	18,787,722	(23,015,734)	3,818,001	2,874,264	131,332	17,601	0
1973	775,824	168,064	399,856	9,408,706	1,821,206	13,426,222	25,999,878	182,493	16,154	0
1974	560,657	168,878	169,717	3,901,261	(3,454,239)	2,988,318	4,334,592	190,866	18,799	0
1975	353,670	421,176	925,693	664,113	609,891	1,808,235	4,782,778	64,582	36,012	0
1976	396,809	650,417	1,274,484	706,244	650,209	1,253,067	4,931,230	198,266	68,898	0
1977	390,637	3,018,637	2,152,961	196,012	1,135,148	345,023	7,238,418	918,473	81,305	0
1978	1,427,190	2,219,135	6,694,615	57,817	149,932	763,445	11,312,134	52,994	83,300	0
1979	940,013	2,168,382	19,813,742	597,858	331,313	282,145	24,133,453	38,182	108,951	0
1980	1,276,793	4,108,143	24,537,814	550,337	204,751	2,055,206	32,733,044	189,070	376,036	0
1981	(711,751)	2,699,873	19,806,531	94,944	28,852	275,460	22,193,909	19,897	(157,537)	0
1982	(465,217)	351,251	17,964,617	215,678	42,587	351,376	18,460,292	(16,381)	(96,449)	0
1983	100,394	180,971	6,751,649	220,029	24,295	566,545	7,843,883	85,496	67,106	0
1984	71,759	68,930	2,870,259	335,942	17,285	1,118,954	4,483,129	28,568	54,074	0
1985	142,244	25,386	2,126,670	102,366	21,971	284,243	2,702,880	36,834	54,314	0
1986	133,914	62,294	274,660	141,894	36,149	213,353	862,264	82,358	223,134	0
1987	13,936	453,949	711,773	192,511	27,931	158,313	1,558,413	53,817	1,061,939	0
1988	427,544	118,010	1,660,959	203,130	95,930	222,068	2,727,641	183,853	1,141,272	0
1989	207,067	430,662	584,186	241,811	97,472	148,674	1,709,872	84,678	893,765	0
1990	197,428	355,480	386,882	813,211	54,269	119,438	1,926,708	133,868	1,100,167	0
1991	219,321	344,386	453,336	1,132,520	55,176	229,315	2,434,054	164,610	1,635,283	0
1992	541,026	295,312	464,421	4,402,524	47,182	206,495	5,956,960	183,240	1,220,510	1,495,646
1993	464,987	320,182	643,189	3,361,457	74,198	296,349	5,160,362	344,928	5,274,657	5,052,431
1994	203,666	231,527	362,717	306,148	33,758	168,426	1,306,242	282,150	15,905,886	21,341,196
1995	344,358	392,647	536,253	468,656	34,007	304,983	2,080,904	1,196,326	45,172,271	62,947,362
1996	150,901	161,394	427,223	203,201	15,357	98,522	1,056,598	948,730	42,987,442	54,300,990
1997	298,002	71,310	432,940	276,180	50,095	233,956	1,362,483	562,583	11,209,633	13,893,576
1998	346,973	21,003	2,028,979	181,951	49,377	67,874	2,696,157	248,671	2,355,322	4,159,441
1999	296,520	37,641	1,080,682	125,373	51,213	118,013	1,709,442	288,236	2,906,010	4,398,935
2000	212,174	33,747	238,676	116,588	13,241	187,926	802,352	132,435	228,901	2,965,936
2001	43,281	6,448	104,127	110,850	10,737	23,847	299,290	103,281	(7,057)	568,968
2002	171,190	30,767	252,912	60,146	7,881	62,684	585,581	98,021	147,827	105,972
2003	50,519	9,141	103,160	57,712	51,000	34,282	305,814	42,075	43,753	31,706
2004	47,768	6,780	27,718	107,695	215,925	16,535	422,421	26,667	13,644	21,479
2005	273,482	12,706	54,409	6,642	52,413	594,136	993,789	29,337	(261,476)	38,618
2006	660,664	3,017	115,825	1,557	2,299,565	164,739	3,245,367	7,046	6,303	37,583
2007	107,460	23,817	1,958,512	269,569	347	31,047	2,390,752	37,460	32,702	42,774
2008	2,090,139	13,683	103,704	1,001,788	2,089	60,186	3,271,589	41,227	34,997	10,865
2009	1,931,429	16,719	22,988	1,463,563	631	47,211	3,482,539	19,458	17,409	2,357
2010	864,340	1,994	24,691	231,970	(12)	17,025	1,140,007	633,621	3,158	0
2011	426,185	3,483	3,892	40,732	41	3,525	477,858	894,066	39,656	0
2012	615,441	76,325	91,531	55,362	18,910	79,163	936,732	337,039	271,933	0
2013	182,443	231,925	230,217	172,032	51,955	257,967	1,126,538	840,207	1,113,962	0
2014	300,223	264,332	332,855	96,090	39,531	1,677,183	2,710,215	1,315,805	1,321,585	0
2015	154,771	112,785	1,070,833	48,982	27,813	3,377,755	4,792,939	812,625	1,255,677	0
2016	196,852	1,706,010	159,211	375,351	28,519	3,124,623	5,590,566	3,953,756	1,735,542	0
2017	**176,526**	**990,494**	**1,336,936**	**1,820,869**	**98,586**	**2,221,794**	**6,645,205**	**1,946,582**	**880,140**	**0**
2018	330,428	205,949	586,965	867,556	104,196	4,476,833	6,571,927	1,241,221	1,242,580	0
2019	330,330	16,841	2,114,192	593,692	17,879	3,555,614	6,628,548	624,445	624,445	0
2020	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0	0	0
TOTAL	**45,669,886**	**35,609,232**	**133,596,398**	**70,693,877**	**78,154,592**	**156,021,191**	**519,745,176**	**33,318,730**	**142,972,331**	**171,415,834**

TABLE B-10 Capital Costs of Each Aqueduct Reach to be Reimbursed through Capital Cost Component of Transportation Charge (in dollars)

Sheet 8 of 8

Calendar Year	CALIFORNIA AQUEDUCT (continued)						GRAND TOTAL
	COASTAL BRANCH (continued)						
	Reach 34	Reach 35	Reach 37	Reach 38	Subtotal	Total	
	[70]	[71]	[72]	[73]	[74]	[75]	[76]
1952	0	0	0	0	0	98,857	99,353
1953	0	0	0	0	0	309,387	311,812
1954	0	0	0	0	0	394,688	402,143
1955	0	0	0	0	0	159,842	169,342
1956	0	0	0	0	0	255,679	351,551
1957	0	0	0	0	0	708,753	1,464,452
1958	0	0	0	0	0	1,331,616	2,286,623
1959	7,441	8,236	0	0	92,837	2,096,392	2,967,412
1960	8,507	14,265	0	0	127,626	2,937,049	4,660,833
1961	1,501	3,931	0	0	37,101	4,650,264	8,545,244
1962	524	1,689	0	0	20,132	5,827,774	8,875,171
1963	880	2,943	0	0	38,592	18,981,487	24,610,278
1964	1,687	5,639	0	0	349,707	31,550,813	41,736,060
1965	2,118	7,060	0	0	792,379	57,936,405	62,664,743
1966	1,736	5,764	0	0	2,302,279	124,748,128	129,110,330
1967	1,891	6,213	0	0	6,356,854	187,465,580	194,146,365
1968	1,324	4,369	0	0	2,744,057	192,593,079	197,978,911
1969	907	2,905	0	0	454,158	182,530,023	184,473,490
1970	851	2,787	0	0	297,200	206,720,774	207,082,650
1971	1,315	3,804	0	0	201,795	158,414,033	158,624,739
1972	522	1,660	0	0	151,115	68,228,670	68,362,291
1973	542	1,758	0	0	200,947	45,110,823	45,263,853
1974	463	1,405	0	0	211,533	24,036,199	24,402,166
1975	2,255	6,656	0	0	109,505	21,065,768	21,318,838
1976	5,088	14,988	0	0	287,240	17,183,961	17,492,910
1977	1,834	5,387	0	0	1,006,999	15,165,801	15,544,382
1978	1,302	3,852	0	0	141,448	18,661,117	19,119,151
1979	1,505	4,433	0	0	153,071	31,202,118	31,857,362
1980	1,152	3,449	0	0	569,707	73,891,101	74,986,833
1981	1,427	4,261	0	0	(131,952)	15,246,649	15,742,773
1982	588	1,787	0	0	(110,455)	38,256,580	39,705,931
1983	794	2,398	0	0	155,794	34,705,281	38,044,649
1984	986	2,959	0	0	86,587	24,454,091	30,382,250
1985	2,111	6,263	0	0	99,522	14,914,930	28,537,556
1986	17,458	51,279	0	0	374,229	13,435,351	43,155,828
1987	92,506	272,968	0	0	1,481,230	11,711,428	34,331,982
1988	99,456	293,612	0	0	1,718,193	11,026,370	18,123,243
1989	77,283	228,038	0	0	1,283,764	30,302,112	33,130,497
1990	103,785	277,889	0	0	1,615,709	32,589,619	34,435,721
1991	123,603	363,889	0	0	2,287,385	38,320,942	39,811,664
1992	566,230	240,553	102,051	74,162	3,882,392	34,312,996	35,041,233
1993	1,345,211	688,935	268,937	358,367	13,333,466	53,122,384	53,921,787
1994	8,915,445	2,363,238	678,753	1,315,559	50,802,227	73,751,564	74,225,377
1995	23,975,738	20,849,939	7,029,108	7,117,197	168,287,941	191,033,090	191,525,571
1996	26,475,298	18,790,572	7,213,823	6,616,310	157,333,165	187,776,347	188,025,325
1997	10,456,863	4,149,105	545,378	798,606	41,615,744	62,137,369	62,583,537
1998	3,368,320	952,615	192,567	280,779	11,557,715	27,083,446	27,217,157
1999	2,616,574	356,318	36,680	51,648	10,654,402	24,085,343	24,556,053
2000	2,746,120	17,830	0	0	6,091,222	13,504,773	13,742,557
2001	3,960	(1,112)	0	0	668,039	5,130,617	7,470,505
2002	77,266	13,119	0	0	442,204	9,921,954	18,223,863
2003	25,734	6,272	0	0	149,540	7,090,347	14,855,165
2004	3,142	1,942	0	0	66,873	5,724,375	10,829,600
2005	526	327	0	0	(192,669)	9,654,977	12,130,085
2006	4	18,012	0	0	68,949	16,031,812	18,522,243
2007	0	152	0	0	113,088	13,670,587	20,478,263
2008	24	14,163	0	0	101,277	15,861,831	30,324,188
2009	43	44,176	0	0	83,443	26,272,929	40,938,263
2010	(1)	(1,210)	0	0	635,568	23,060,578	45,963,874
2011	4	4,284	0	0	938,010	17,931,126	37,818,444
2012	96	1,455	0	0	610,523	23,976,419	37,907,075
2013	209	1,590	0	0	1,955,967	41,764,102	49,646,096
2014	114	1,113	0	0	2,638,616	34,807,990	35,165,362
2015	1,286	0	0	0	2,069,588	54,400,252	57,761,115
2016	3,878	0	0	0	5,693,176	74,978,062	75,790,269
2017	**104**	**0**	**0**	**0**	**2,826,826**	**73,015,831**	**73,147,702**
2018	0	0	0	0	2,483,801	71,374,066	73,979,566
2019	0	0	0	0	1,248,890	41,452,523	42,078,857
2020	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0
TOTAL	**81,147,529**	**50,131,923**	**16,067,297**	**16,612,628**	**511,666,272**	**2,992,147,224**	**3,278,180,514**

TABLE B-11 Minimum OMP&R Costs of Each Aqueduct Reach to be Reimbursed through Minimum OMP&R Component of Transportation Charge (in dollars)

Sheet 1 of 9

Calendar Year	UPPER FEATHER DIVISION	NORTH BAY AQUEDUCT					SOUTH BAY AQUEDUCT			
		Reach 1	Reach 2	Reach 3A	Reach 3B	Total	Reach 1	Reach 2	Reach 4	Reach 5
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]
1961	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	37,396	5,522	0	0
1963	0	0	0	0	0	0	147,719	20,639	0	0
1964	0	0	0	0	0	0	149,750	15,574	19,405	0
1965	0	0	0	0	0	0	259,939	45,718	46,485	0
1966	0	0	0	0	0	0	270,890	23,799	63,921	0
1967	0	0	0	0	0	0	438,050	32,798	108,127	0
1968	0	0	0	0	130	130	410,919	44,277	66,973	706
1969	0	0	0	0	80,875	80,875	487,377	48,339	75,644	706
1970	0	0	0	0	94,872	94,872	381,734	44,852	64,833	71,376
1971	54	0	0	0	45,579	45,579	357,850	25,666	50,344	38,735
1972	40	0	0	0	37,895	37,895	347,941	30,606	56,800	100,106
1973	1	0	0	0	32,993	32,993	386,897	36,172	58,288	28,810
1974	143	0	0	0	46,498	46,498	456,381	57,081	83,120	61,623
1975	1,069	0	0	0	37,707	37,707	624,989	46,111	81,361	36,682
1976	139	0	0	0	60,786	60,786	614,362	47,862	123,838	91,096
1977	892	0	0	0	78,400	78,400	511,065	48,926	104,280	102,083
1978	39	0	0	0	56,318	56,318	671,195	125,224	176,855	50,289
1979	3,235	0	0	0	73,852	73,852	650,826	76,849	212,826	91,380
1980	416	0	0	0	81,769	81,769	1,128,840	212,974	242,118	110,786
1981	3,847	0	0	0	101,340	101,340	884,763	130,126	167,118	204,772
1982	11,075	0	0	0	191,987	191,987	1,156,605	141,718	249,447	96,020
1983	1,928	0	0	0	80,215	80,215	1,258,144	84,360	373,875	152,255
1984	3,765	0	0	0	139,121	139,121	1,998,984	113,797	340,344	34,461
1985	2,888	0	0	0	259,515	259,515	2,044,121	207,478	427,930	247,308
1986	2,787	0	0	0	229,508	229,508	1,834,838	285,908	305,149	159,054
1987	2,388	0	0	0	310,683	310,683	2,118,974	163,714	400,547	283,067
1988	545	0	(94)	0	330,156	330,062	2,068,655	186,275	299,934	370,212
1989	1,800	473,408	178,069	237,480	373,427	1,262,384	2,164,688	163,481	320,734	497,038
1990	788	556,610	244,897	123,144	427,257	1,351,908	2,233,036	251,434	355,022	571,415
1991	3,654	651,307	302,327	205,516	428,470	1,587,620	1,806,699	152,509	95,745	93,986
1992	647	443,912	189,330	265,462	280,505	1,179,209	2,064,907	405,932	409,435	363,964
1993	3,630	435,240	294,416	213,267	289,206	1,232,129	3,925,050	621,712	480,832	399,558
1994	2,279	430,112	198,322	206,594	365,646	1,200,674	4,673,275	302,115	404,709	408,066
1995	2,906	428,313	282,898	151,703	295,326	1,158,240	3,849,620	316,905	566,447	330,706
1996	8,007	796,526	272,743	240,106	260,001	1,569,376	3,526,989	254,075	664,485	493,300
1997	7,449	504,476	210,763	213,211	315,374	1,243,824	3,010,809	189,269	591,540	230,371
1998	798	404,834	227,562	204,821	251,154	1,088,371	2,965,219	426,872	532,042	303,263
1999	416	678,159	332,340	298,066	289,895	1,598,459	3,748,823	478,982	437,660	463,868
2000	505	919,679	254,626	657,967	414,264	2,246,536	3,810,111	541,675	440,808	550,541
2001	314	1,072,446	231,959	455,772	181,372	1,941,549	2,907,483	272,673	289,919	390,950
2002	3,627	1,586,250	415,744	410,985	398,645	2,811,624	3,853,092	341,500	466,141	537,905
2003	393	1,776,863	546,644	567,701	354,209	3,245,417	2,347,693	365,741	575,370	963,068
2004	455	1,601,564	636,208	738,083	818,164	3,794,019	3,338,897	510,169	746,539	698,050
2005	452	1,059,791	322,691	767,313	412,453	2,562,248	3,309,594	262,581	427,595	807,600
2006	3,899	780,037	229,313	602,270	430,027	2,041,646	3,469,851	376,927	752,147	587,680
2007	(8)	1,081,328	233,393	467,032	275,816	2,057,569	5,012,579	690,060	587,379	789,216
2008	3,578	822,561	218,282	524,737	600,368	2,165,948	5,191,152	674,547	739,593	920,312
2009	88	1,224,100	274,814	618,045	550,745	2,667,705	3,988,958	671,161	701,725	1,354,606
2010	25	2,676,286	112,906	1,103,248	276,198	4,168,638	4,462,007	579,469	803,235	718,991
2011	63	2,637,729	584,885	1,237,150	415,201	4,874,964	5,107,370	830,971	858,788	501,594
2012	(24)	2,606,317	143,492	1,448,182	1,123,880	5,321,871	5,277,809	1,107,820	742,533	830,281
2013	277	3,312,169	133,031	474,666	369,782	4,289,649	6,079,677	1,205,562	650,830	1,099,343
2014	111	4,104,427	176,973	616,666	552,426	5,450,493	7,418,110	632,701	641,034	1,318,890
2015	114	2,893,292	252,069	1,230,053	1,088,021	5,463,435	8,540,606	662,653	630,093	857,266
2016	111	3,735,827	207,056	1,055,657	1,082,388	6,080,928	9,530,570	717,679	725,386	1,768,833
2017	**111**	**4,362,459**	**252,147**	**1,291,807**	**1,325,272**	**7,231,685**	**10,293,334**	**816,292**	**809,586**	**1,489,355**
2018	111	3,967,043	250,623	1,287,429	1,321,939	6,827,034	12,717,965	805,363	798,630	1,590,106
2019	112	4,061,994	238,975	1,223,747	1,255,632	6,780,348	10,955,763	787,576	785,646	1,632,259
2020	113	4,102,614	241,365	1,235,985	1,268,188	6,848,152	11,065,320	795,451	793,503	1,648,582
2021	114	4,143,640	243,778	1,248,345	1,280,870	6,916,633	11,175,973	803,406	801,438	1,665,068
2022	116	4,185,076	246,216	1,260,828	1,293,679	6,985,799	11,287,733	811,440	809,452	1,681,718
2023	117	4,226,927	248,678	1,273,437	1,306,615	7,055,657	11,400,611	819,554	817,546	1,698,535
2024	118	4,269,196	251,165	1,286,171	1,319,682	7,126,214	11,514,617	827,750	825,722	1,715,521
2025	119	4,311,888	253,677	1,299,033	1,332,878	7,197,476	11,629,763	836,027	833,979	1,732,676
2026	120	4,355,007	256,213	1,312,023	1,346,207	7,269,450	11,746,060	844,388	842,319	1,750,003
2027	122	4,398,557	258,776	1,325,143	1,359,669	7,342,145	11,863,521	852,832	850,742	1,767,503
2028	123	4,442,543	261,363	1,338,395	1,373,266	7,415,567	11,982,156	861,360	859,250	1,785,178
2029	124	4,486,968	263,977	1,351,779	1,386,999	7,489,723	12,101,978	869,973	867,842	1,803,030
2030	125	4,531,838	266,617	1,365,296	1,400,869	7,564,620	12,222,998	878,673	876,520	1,821,060
2031	126	4,577,156	269,283	1,378,949	1,414,877	7,640,265	12,345,228	887,460	885,286	1,839,270
2032	128	4,622,928	271,976	1,392,739	1,429,026	7,716,669	12,468,680	896,335	894,138	1,857,663
2033	129	4,669,157	274,696	1,406,666	1,443,316	7,793,835	12,593,367	905,298	903,080	1,876,240
2034	130	4,715,849	277,442	1,420,733	1,457,749	7,871,773	12,719,300	914,351	912,111	1,895,002
2035	132	4,763,007	280,217	1,434,940	1,472,327	7,950,491	12,846,493	923,494	921,232	1,913,952
TOTAL	**83,894**	**122,887,411**	**12,614,845**	**40,468,342**	**41,079,478**	**217,050,075**	**364,244,738**	**32,446,563**	**35,925,348**	**54,344,909**

TABLE B-11 Minimum OMP&R Costs of Each Aqueduct Reach to be Reimbursed through Minimum OMP&R Component of Transportation Charge (in dollars)

Sheet 2 of 9

Calendar Year	SOUTH BAY AQUEDUCT (continued)					CALIFORNIA AQUEDUCT			
						NORTH SAN JOAQUIN DIVISION			
	Reach 6	Reach 7	Reach 8	Reach 9	Total	Reach 1	Reach 2A	Reach 2B	Subtotal
	[11]	[12]	[13]	[14]	[15]	[16]	[17]	[18]	[19]
1961	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	42,918	0	0	0	0
1963	0	0	0	0	168,358	0	0	0	0
1964	0	0	0	0	184,729	0	0	0	0
1965	2,634	6,490	4,704	12,904	378,874	0	0	0	0
1966	4,707	10,328	9,233	25,519	408,397	0	0	0	0
1967	2,712	7,659	10,812	34,347	634,505	0	0	0	0
1968	3,109	7,960	10,166	40,372	584,482	1,001,998	228,359	103,116	1,333,473
1969	3,944	5,975	8,795	38,566	669,346	933,116	301,596	188,194	1,422,906
1970	2,464	(1,991)	6,870	28,210	598,348	971,602	306,198	151,539	1,429,339
1971	3,116	9,394	9,895	31,068	526,068	1,103,021	254,786	113,694	1,471,501
1972	5,125	10,247	12,054	44,699	607,578	1,107,855	230,906	110,109	1,448,870
1973	4,178	7,500	4,890	43,816	570,551	1,150,864	221,445	100,221	1,472,530
1974	7,812	7,564	5,523	48,054	727,158	1,272,034	231,383	117,156	1,620,573
1975	18,120	14,683	18,325	68,377	908,648	1,434,736	455,110	201,075	2,090,921
1976	10,873	5,557	19,920	49,921	963,429	1,519,801	217,348	453,400	2,190,549
1977	(240)	2,228	8,391	89,579	866,312	1,913,643	292,380	196,564	2,402,587
1978	(1,404)	16,766	(5,313)	104,078	1,137,690	1,860,456	306,503	188,214	2,355,173
1979	1,269	29,294	7,351	106,835	1,176,630	1,848,109	231,339	145,205	2,224,653
1980	3,621	24,270	17,404	110,852	1,850,865	2,365,292	472,660	247,608	3,085,560
1981	4,038	20,109	17,586	98,143	1,526,655	2,649,730	435,226	154,191	3,239,147
1982	2,236	22,870	21,919	202,590	1,893,405	3,192,710	599,793	244,664	4,037,167
1983	(2,047)	48,781	45,573	216,434	2,177,375	4,244,937	802,908	273,081	5,320,926
1984	4,449	44,017	23,563	455,054	3,014,669	4,373,157	808,917	290,728	5,472,802
1985	13,097	74,565	57,920	238,067	3,310,486	4,717,323	629,825	189,199	5,536,347
1986	11,614	31,084	46,864	363,350	3,037,861	5,217,491	929,919	359,365	6,506,775
1987	15,273	25,182	37,949	416,375	3,461,081	5,292,200	958,927	362,065	6,613,192
1988	30,207	41,047	49,156	335,408	3,380,894	5,329,317	822,300	360,336	6,511,953
1989	9,740	54,881	114,203	179,323	3,504,088	5,753,966	851,745	907,609	7,513,320
1990	31,161	69,416	119,309	247,781	3,878,574	6,788,986	1,066,314	883,822	8,739,122
1991	22,434	(18,690)	99,577	262,052	2,514,312	6,796,247	1,067,078	585,008	8,448,333
1992	26,787	332,012	98,670	186,640	3,888,347	9,415,121	1,419,603	673,833	11,508,557
1993	24,845	181,592	94,169	316,045	6,043,803	10,274,070	1,371,074	900,996	12,546,140
1994	28,383	90,791	80,942	416,061	6,404,342	8,451,199	1,325,511	802,217	10,578,927
1995	29,298	64,012	80,278	373,657	5,610,923	10,406,784	2,386,507	959,685	13,752,976
1996	(1,020)	60,610	11,672	312,097	5,322,208	10,246,985	2,604,651	628,177	13,479,813
1997	18,428	95,321	15,691	335,566	4,486,995	10,429,338	1,098,381	2,084,859	13,612,578
1998	26,323	54,255	611,290	658,090	5,577,354	11,409,135	1,449,411	5,364,368	18,222,914
1999	50,555	36,519	430,229	2,035,938	7,682,573	11,604,989	1,444,270	1,338,751	14,388,009
2000	135,659	87,477	185,352	640,387	6,392,010	12,608,781	893,969	641,868	14,144,617
2001	112,959	188,988	197,681	1,047,994	5,408,647	17,552,867	1,388,491	756,266	19,697,624
2002	143,673	171,046	500,788	2,780,034	8,794,180	14,389,040	859,538	618,090	15,866,667
2003	77,999	97,782	247,719	987,204	5,662,577	16,518,162	1,742,623	753,303	19,014,088
2004	156,564	179,006	205,095	453,634	6,287,953	13,885,710	1,209,768	678,337	15,773,814
2005	143,052	202,176	135,131	223,699	5,511,428	12,444,177	1,941,010	872,985	15,258,172
2006	143,824	119,903	73,947	376,646	5,900,924	13,714,452	1,912,078	1,248,347	16,874,876
2007	78,501	115,030	67,507	242,111	7,582,385	11,969,643	1,699,879	626,384	14,295,906
2008	170,307	155,609	232,191	234,883	8,318,594	15,507,243	1,444,449	802,326	17,754,019
2009	84,133	140,725	113,617	616,936	7,671,860	13,690,186	1,056,971	855,488	15,602,646
2010	52,534	575,109	24,031	454,850	7,670,226	12,753,967	2,062,618	1,416,588	16,233,173
2011	82,590	77,284	58,732	472,947	7,990,276	16,652,633	2,812,144	1,444,687	20,909,465
2012	55,686	132,731	61,561	2,492,483	10,700,905	15,602,498	1,324,371	1,308,624	18,235,493
2013	81,564	174,382	98,067	1,165,316	10,554,741	16,956,601	1,840,446	2,477,620	21,274,667
2014	188,016	171,874	58,769	2,061,674	12,491,067	23,790,397	2,788,820	2,015,701	28,594,917
2015	122,039	194,215	143,600	3,152,008	14,302,479	24,926,649	1,648,818	1,919,733	28,495,200
2016	173,138	203,619	310,919	8,834,445	22,264,589	28,278,887	2,443,227	1,938,195	32,660,309
2017	**193,705**	**227,668**	**268,877**	**6,059,026**	**20,157,843**	**33,554,425**	**2,708,001**	**2,152,716**	**38,415,142**
2018	192,563	226,178	94,593	1,443,966	17,869,364	34,141,292	2,664,637	2,113,969	38,919,898
2019	188,334	221,346	227,044	5,500,271	20,298,239	32,311,450	2,631,341	2,088,976	37,031,767
2020	190,217	223,560	229,315	5,555,273	20,501,221	32,634,564	2,657,655	2,109,866	37,402,085
2021	192,119	225,795	231,608	5,610,826	20,706,233	32,960,910	2,684,231	2,130,965	37,776,106
2022	194,040	228,053	233,924	5,666,934	20,913,294	33,290,519	2,711,074	2,152,274	38,153,867
2023	195,981	230,334	236,263	5,723,604	21,122,428	33,623,424	2,738,184	2,173,797	38,535,405
2024	197,940	232,637	238,626	5,780,840	21,333,653	33,959,658	2,765,566	2,195,535	38,920,759
2025	199,920	234,964	241,012	5,838,648	21,546,989	34,299,255	2,793,222	2,217,491	39,309,968
2026	201,919	237,313	243,422	5,897,034	21,762,458	34,642,248	2,821,154	2,239,665	39,703,067
2027	203,938	239,686	245,857	5,956,005	21,980,084	34,988,670	2,849,366	2,262,062	40,100,098
2028	205,978	242,083	248,315	6,015,565	22,199,885	35,338,557	2,877,859	2,284,683	40,501,099
2029	208,037	244,504	250,798	6,075,721	22,421,883	35,691,942	2,906,638	2,307,530	40,906,110
2030	210,118	246,949	253,306	6,136,478	22,646,102	36,048,862	2,935,704	2,330,605	41,315,171
2031	212,219	249,419	255,839	6,197,843	22,872,564	36,409,350	2,965,061	2,353,911	41,728,322
2032	214,341	251,913	258,398	6,259,821	23,101,289	36,773,444	2,994,712	2,377,450	42,145,606
2033	216,485	254,432	260,982	6,322,419	23,332,303	37,141,178	3,024,659	2,401,225	42,567,062
2034	218,649	256,976	263,591	6,385,643	23,565,623	37,512,590	3,054,906	2,425,237	42,992,733
2035	220,836	259,546	266,227	6,449,500	23,801,280	37,887,716	3,085,455	2,449,489	43,422,660
TOTAL	**6,277,420**	**9,012,610**	**9,468,283**	**143,638,535**	**655,358,406**	**1,099,528,159**	**108,761,018**	**82,821,035**	**1,291,110,213**

TABLE B-11 Minimum OMP&R Costs of Each Aqueduct Reach to be Reimbursed through Minimum OMP&R Component of Transportation Charge (in dollars)

Sheet 3 of 9

Calendar Year	CALIFORNIA AQUEDUCT (continued)									
	SAN LUIS DIVISION						SOUTH SAN JOAQUIN DIVISION			
	Reach 3	Reach 4	Reach 5	Reach 6	Reach 7	Subtotal	Reach 8C	Reach 8D	Reach 9	Reach 10A
	[20]	[21]	[22]	[23]	[24]	[25]	[26]	[27]	[28]	[29]
1961	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0
1968	120,038	428,308	130,105	44,591	104,033	827,075	0	0	0	0
1969	90,033	460,907	184,467	35,696	235,322	1,006,425	22,013	134,760	86,103	83,706
1970	89,547	484,300	226,002	66,070	192,582	1,058,501	26,207	156,981	128,273	118,046
1971	99,917	541,574	175,592	64,193	158,170	1,039,446	32,312	190,753	118,372	129,811
1972	116,708	647,979	174,519	73,670	154,783	1,167,659	35,031	187,242	130,396	117,625
1973	116,791	611,705	158,145	58,344	153,955	1,098,940	51,150	225,747	127,530	117,706
1974	120,309	671,455	150,835	63,905	150,230	1,156,734	34,752	199,127	131,298	141,658
1975	133,593	839,285	178,974	81,478	157,586	1,390,916	78,523	250,377	159,006	207,908
1976	54,938	883,956	220,832	90,305	174,835	1,424,866	39,348	133,933	123,424	139,134
1977	73,331	1,114,465	270,734	98,132	196,311	1,752,973	38,086	121,348	178,078	194,086
1978	45,867	898,992	203,261	106,938	203,079	1,458,137	45,552	178,805	129,928	168,634
1979	223,973	842,508	144,055	99,670	180,734	1,490,940	69,973	150,679	129,756	175,107
1980	243,507	1,176,463	222,942	127,625	281,860	2,052,397	57,726	274,848	185,155	284,207
1981	265,766	1,065,358	193,048	90,533	1,612,157	3,226,862	80,121	198,256	144,187	199,927
1982	279,250	1,241,285	209,371	114,421	1,433,180	3,277,507	59,424	269,086	233,494	264,947
1983	214,468	1,949,017	339,809	131,377	2,143,678	4,778,349	49,448	383,476	223,078	308,801
1984	241,273	2,233,969	335,166	163,858	2,111,386	5,085,652	42,062	458,489	300,924	396,448
1985	322,068	2,882,583	360,431	176,577	1,603,532	5,345,191	58,820	495,500	213,368	298,337
1986	416,027	2,996,792	472,551	252,188	601,250	4,738,808	90,730	478,786	596,800	422,493
1987	362,738	3,104,592	424,107	236,349	439,232	4,567,018	113,962	412,042	446,067	488,226
1988	365,209	2,954,186	456,864	231,754	639,242	4,647,255	96,728	379,073	417,991	532,489
1989	263,171	3,182,472	393,589	332,986	633,419	4,805,637	83,282	389,698	400,853	733,030
1990	397,353	4,011,110	579,073	464,639	729,132	6,181,307	111,019	436,849	515,611	651,465
1991	256,473	4,388,184	543,760	728,156	765,765	6,682,338	104,414	496,794	465,940	716,328
1992	302,021	3,792,401	795,587	363,134	815,590	6,068,733	118,315	511,982	417,871	574,145
1993	439,725	4,337,616	1,008,394	551,849	734,796	7,072,380	230,338	745,885	490,159	723,450
1994	282,579	4,376,461	816,129	396,768	492,860	6,364,797	125,398	602,404	572,557	703,493
1995	107,995	5,026,076	1,066,971	440,006	1,356,668	7,997,716	185,681	657,282	432,072	881,902
1996	1,003,229	4,738,221	931,944	683,323	1,034,376	8,391,093	112,062	416,294	472,350	984,784
1997	859,665	5,761,996	924,289	254,934	646,209	8,447,093	128,190	449,316	728,436	1,864,113
1998	690,845	5,520,206	1,242,589	534,931	654,538	8,643,109	115,748	457,845	429,433	1,011,284
1999	601,726	5,793,961	1,220,810	540,364	679,483	8,836,344	107,647	426,289	440,869	1,161,363
2000	708,169	5,826,574	1,028,776	525,073	871,710	8,960,301	103,853	463,578	509,758	919,469
2001	(581,175)	7,166,334	850,243	372,180	677,562	8,485,144	58,377	554,983	604,713	872,227
2002	1,074,504	5,158,919	663,420	249,525	731,359	7,877,727	54,621	729,627	416,211	1,308,245
2003	1,034,027	6,035,460	744,338	301,781	617,433	8,733,040	62,401	676,858	646,001	819,171
2004	619,278	6,865,921	679,631	337,749	578,358	9,080,937	35,363	474,032	334,335	604,690
2005	553,163	5,984,035	984,716	401,930	799,290	8,723,134	28,347	403,804	296,577	898,100
2006	(88,420)	6,126,305	1,583,392	632,718	896,513	9,150,507	46,470	530,528	789,865	480,754
2007	1,134,200	7,672,694	1,960,080	686,349	933,964	12,387,287	242,446	855,398	535,678	632,751
2008	881,252	10,607,394	2,142,634	658,371	963,220	15,252,871	71,530	455,135	657,221	942,082
2009	959,839	8,156,620	1,219,003	505,401	1,137,623	11,978,486	36,452	762,901	473,869	926,070
2010	957,367	9,472,901	1,599,039	567,698	1,308,120	13,905,125	67,258	743,999	550,142	726,994
2011	1,230,248	7,617,811	2,856,384	601,015	1,659,616	13,965,074	12,993	601,287	796,103	1,165,011
2012	1,670,712	10,840,403	2,393,275	635,916	1,228,086	16,768,391	36,160	661,338	806,876	813,710
2013	1,848,948	11,472,141	2,834,618	1,348,079	3,254,456	20,758,242	39,807	620,550	617,626	1,023,482
2014	1,375,711	11,781,292	2,598,056	802,158	1,318,030	17,875,247	3,986	1,146,644	254,127	1,985,121
2015	1,168,352	11,861,195	2,413,481	855,789	2,062,856	18,361,672	6,335	563,501	261,272	1,452,032
2016	1,461,189	11,986,860	2,294,822	801,782	1,522,865	18,067,518	7,371	825,578	229,499	1,677,228
2017	**1,635,143**	**13,031,123**	**2,630,456**	**888,853**	**1,675,133**	**19,860,708**	**8,022**	**906,224**	**249,215**	**1,845,746**
2018	1,604,223	13,844,970	2,907,437	874,374	1,645,927	20,876,931	7,686	900,240	247,841	1,832,879
2019	1,582,520	13,083,861	2,637,014	863,553	1,630,788	19,797,736	7,770	886,121	244,607	1,803,137
2020	1,598,345	13,214,699	2,663,384	872,189	1,647,096	19,995,713	7,847	894,982	247,053	1,821,168
2021	1,614,329	13,346,846	2,690,018	880,910	1,663,567	20,195,670	7,926	903,932	249,524	1,839,380
2022	1,630,472	13,480,315	2,716,918	889,720	1,680,202	20,397,627	8,005	912,971	252,019	1,857,774
2023	1,646,777	13,615,118	2,744,088	898,617	1,697,004	20,601,604	8,085	922,101	254,539	1,876,352
2024	1,663,245	13,751,269	2,771,528	907,603	1,713,974	20,807,619	8,166	931,322	257,084	1,895,115
2025	1,679,877	13,888,782	2,799,244	916,679	1,731,114	21,015,696	8,248	940,635	259,655	1,914,066
2026	1,696,676	14,027,670	2,827,236	925,846	1,748,425	21,225,853	8,330	950,041	262,252	1,933,207
2027	1,713,643	14,167,946	2,855,508	935,104	1,765,910	21,438,111	8,414	959,542	264,874	1,952,539
2028	1,730,779	14,309,626	2,884,064	944,455	1,783,569	21,652,493	8,498	969,137	267,523	1,972,064
2029	1,748,087	14,452,722	2,912,904	953,900	1,801,404	21,869,017	8,583	978,829	270,198	1,991,785
2030	1,765,568	14,597,249	2,942,033	963,439	1,819,418	22,087,707	8,668	988,617	272,900	2,011,703
2031	1,783,223	14,743,222	2,971,454	973,073	1,837,613	22,308,585	8,755	998,503	275,629	2,031,820
2032	1,801,056	14,890,654	3,001,168	982,804	1,855,989	22,531,671	8,843	1,008,488	278,386	2,052,138
2033	1,819,066	15,039,560	3,031,180	992,632	1,874,549	22,756,987	8,931	1,018,573	281,169	2,072,659
2034	1,837,257	15,189,956	3,061,492	1,002,558	1,893,294	22,984,557	9,020	1,028,759	283,981	2,093,386
2035	1,855,629	15,341,856	3,092,107	1,012,584	1,912,227	23,214,403	9,111	1,039,046	286,821	2,114,320
TOTAL	**57,613,411**	**491,608,686**	**97,740,084**	**35,661,171**	**75,408,238**	**758,031,590**	**3,616,739**	**40,077,752**	**23,354,523**	**68,953,026**

TABLE B-11 Minimum OMP&R Costs of Each Aqueduct Reach to be Reimbursed through Minimum OMP&R Component of Transportation Charge (in dollars)

Sheet 4 of 9

Calendar Year	CALIFORNIA AQUEDUCT (continued)									
	SOUTH SAN JOAQUIN DIVISION (continued)									
	Reach 11B	Reach 12D	Reach 12E	Reach 13B	Reach 14A	Reach 14B	Reach 14C	Reach 15A	Reach 16A	Subtotal
	[30]	[31]	[32]	[33]	[34]	[35]	[36]	[37]	[38]	[39]
1961	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	0	0
1969	59,077	0	0	0	0	0	0	0	0	385,659
1970	85,758	94,171	123,374	152,424	0	0	0	0	0	885,234
1971	80,282	95,075	91,389	167,142	691,791	151,979	111,623	529,723	10,291	2,400,543
1972	84,287	98,647	115,592	146,096	877,535	124,831	101,479	609,058	1,106,884	3,734,703
1973	92,257	74,238	114,843	221,385	961,855	120,106	99,429	692,748	1,243,941	4,142,935
1974	98,103	74,914	193,523	141,540	898,272	143,866	115,649	853,098	1,343,972	4,369,772
1975	124,105	61,799	117,194	108,154	1,156,757	180,614	119,889	988,045	1,537,862	5,090,233
1976	69,715	33,655	147,908	134,063	1,124,051	177,086	114,133	1,037,799	1,727,428	5,001,677
1977	108,644	91,547	175,039	137,975	1,397,006	203,837	119,467	1,339,196	1,961,081	6,065,390
1978	106,702	72,585	170,578	151,120	1,254,043	139,662	132,224	1,265,813	1,922,950	5,738,596
1979	85,942	56,331	174,147	150,029	1,490,461	201,935	260,981	1,216,126	1,798,566	5,960,033
1980	120,896	123,120	167,249	164,749	1,988,619	189,132	238,607	1,437,614	2,231,456	7,463,378
1981	76,965	33,322	113,202	171,669	1,741,488	163,934	161,182	1,799,832	2,762,773	7,646,858
1982	158,178	142,631	224,170	224,051	1,793,867	195,086	15,768	1,933,859	2,961,383	8,475,944
1983	136,350	124,724	203,733	217,324	2,421,794	199,708	181,879	2,550,842	4,302,165	11,303,322
1984	163,331	108,212	188,724	245,764	3,312,127	329,490	204,332	3,215,901	5,077,824	14,043,628
1985	198,368	154,995	194,327	360,308	3,463,178	237,127	180,068	3,427,049	5,683,454	14,964,899
1986	248,170	242,660	346,410	349,369	3,781,427	320,984	360,156	3,574,451	5,780,666	16,593,102
1987	334,059	325,697	469,378	322,824	3,731,912	463,757	238,813	4,080,465	5,636,043	17,063,245
1988	290,881	220,658	374,653	318,253	3,451,893	411,110	313,806	3,746,920	5,150,238	15,704,693
1989	268,025	207,487	595,433	380,883	3,512,884	333,996	220,978	3,751,081	5,458,633	16,336,263
1990	363,652	225,171	480,738	677,729	4,021,727	439,953	212,851	4,381,643	6,440,643	18,959,051
1991	328,683	269,873	371,312	433,313	4,309,082	424,704	273,169	4,566,702	5,805,189	18,565,503
1992	334,579	270,768	409,314	423,717	4,734,368	729,211	571,412	4,270,793	6,471,964	19,838,439
1993	413,722	278,375	496,851	594,201	5,182,830	664,063	423,780	5,266,124	7,583,165	23,092,943
1994	346,600	239,873	482,301	445,909	4,012,614	414,899	254,393	3,727,019	7,142,378	19,069,838
1995	405,045	242,253	622,654	507,102	4,607,154	309,283	315,905	3,973,757	6,540,575	19,680,665
1996	367,570	238,622	519,560	604,736	4,892,967	214,773	187,784	4,331,630	7,065,052	20,408,184
1997	309,696	254,080	516,115	429,771	5,094,202	261,221	275,610	4,011,366	7,387,904	21,710,020
1998	295,927	170,556	384,226	484,072	4,752,549	309,440	248,178	4,694,822	7,530,927	20,885,007
1999	395,036	195,417	423,158	542,097	5,103,420	342,515	221,942	4,894,215	8,835,442	23,089,410
2000	404,362	327,150	648,418	562,412	5,945,146	344,498	142,466	5,359,955	12,461,593	28,192,658
2001	416,395	897,047	522,093	661,972	4,692,342	(139,041)	(98,322)	6,011,908	15,791,557	30,846,252
2002	380,417	296,724	958,343	860,305	5,941,368	31,540	251,192	5,589,160	11,451,910	28,269,664
2003	340,029	236,373	691,470	614,014	6,164,414	(137,592)	18,098	6,989,790	11,502,383	28,623,409
2004	245,166	176,282	624,735	585,768	7,239,478	(138,773)	(165,021)	8,910,178	14,633,593	33,559,826
2005	211,328	118,730	849,764	466,735	6,234,813	(183,109)	(192,435)	5,882,666	13,847,844	28,863,166
2006	188,866	52,813	762,428	499,485	5,083,876	(181,776)	(182,478)	8,375,589	13,735,578	30,181,999
2007	258,809	292,673	551,452	551,241	6,675,167	(434,035)	(342,673)	10,901,936	8,478,396	29,199,239
2008	426,215	237,474	422,241	719,977	11,073,392	(266,060)	(206,483)	13,007,213	10,907,808	38,447,745
2009	410,501	210,761	617,913	547,520	7,830,639	581,148	(49,310)	8,769,515	13,408,814	34,526,793
2010	447,372	114,405	424,310	704,712	7,799,349	(173,823)	(67,392)	6,623,155	9,524,487	27,484,968
2011	623,899	313,489	875,232	1,586,259	8,809,103	(231,506)	(41,917)	6,239,408	15,913,157	36,662,518
2012	793,290	280,317	1,047,947	3,225,501	11,205,763	394,747	450,640	8,830,991	12,805,126	41,352,406
2013	488,570	459,096	908,878	835,436	11,814,134	279,726	167,099	9,575,603	14,554,021	41,384,028
2014	114,415	75,228	565,140	336,771	15,188,195	208,189	330,856	10,418,109	16,031,466	46,658,246
2015	688,341	296,151	641,512	859,451	11,133,640	119,822	218,661	11,945,683	16,392,990	44,579,392
2016	374,197	149,056	571,929	538,637	14,105,103	254,358	381,822	9,905,215	12,398,885	41,418,878
2017	**408,959**	**159,814**	**626,765**	**590,364**	**15,989,459**	**276,070**	**415,050**	**12,107,122**	**13,767,055**	**47,349,865**
2018	408,411	160,495	625,264	586,516	14,871,228	274,403	418,217	11,625,419	14,947,487	46,906,086
2019	401,161	158,019	614,066	577,558	15,138,483	270,960	409,080	11,324,711	13,841,520	45,677,193
2020	405,172	159,600	620,207	583,333	15,289,867	273,670	413,171	11,437,958	13,979,936	46,133,964
2021	409,224	161,196	626,409	589,166	15,442,766	276,406	417,302	11,552,338	14,119,735	46,595,304
2022	413,316	162,807	632,673	595,058	15,597,194	279,170	421,475	11,667,861	14,260,932	47,061,255
2023	417,450	164,436	639,000	601,009	15,753,166	281,962	425,690	11,784,540	14,403,542	47,531,872
2024	421,624	166,080	645,390	607,019	15,910,697	284,782	429,947	11,902,385	14,547,577	48,007,188
2025	425,840	167,741	651,844	613,089	16,069,804	287,630	434,247	12,021,409	14,693,053	48,487,261
2026	430,099	169,418	658,362	619,220	16,230,502	290,506	438,589	12,141,623	14,839,983	48,972,132
2027	434,400	171,112	664,946	625,412	16,392,807	293,411	442,975	12,263,039	14,988,383	49,461,854
2028	438,744	172,823	671,595	631,666	16,556,735	296,345	447,405	12,385,670	15,138,267	49,956,472
2029	443,131	174,552	678,311	637,983	16,722,303	299,308	451,879	12,509,526	15,289,650	50,456,038
2030	447,562	176,297	685,094	644,363	16,889,526	302,301	456,398	12,634,622	15,442,546	50,960,597
2031	452,038	178,060	691,945	650,806	17,058,421	305,325	460,962	12,760,968	15,596,972	51,470,204
2032	456,558	179,841	698,865	657,314	17,229,005	308,378	465,571	12,888,577	15,752,941	51,984,905
2033	461,124	181,639	705,853	663,888	17,401,295	311,462	470,227	13,017,463	15,910,471	52,504,754
2034	465,735	183,456	712,912	670,526	17,575,308	314,576	474,929	13,147,638	16,069,576	53,029,802
2035	470,393	185,290	720,041	677,232	17,751,061	317,722	479,678	13,279,114	16,230,271	53,560,100
TOTAL	**21,573,719**	**12,587,901**	**33,260,440**	**35,385,486**	**542,567,425**	**14,271,002**	**15,263,082**	**457,955,749**	**636,160,355**	**1,905,027,200**

TABLE B-11 Minimum OMP&R Costs of Each Aqueduct Reach to be Reimbursed through Minimum OMP&R Component of Transportation Charge (in dollars)

Sheet 5 of 9

Calendar Year	CALIFORNIA AQUEDUCT (continued)								
	TEHACHAPI DIVISION			MOJAVE DIVISION					
	Reach 17E	Reach 17F	Subtotal	Reach 18A	Reach 19	Reach 20A	Reach 20B	Reach 21	Reach 22A
	[40]	[41]	[42]	[43]	[44]	[45]	[46]	[47]	[48]
1961	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0	0	0
1971	3,471	0	3,471	0	0	0	0	0	0
1972	1,424,782	28,127	1,452,909	36,699	135,675	130,711	120,271	75,768	80,436
1973	1,777,260	49,949	1,827,209	36,207	146,739	161,838	148,631	60,641	66,539
1974	2,298,091	16,259	2,314,350	30,525	90,404	115,571	88,200	65,007	77,667
1975	2,403,430	35,193	2,438,623	40,588	122,584	137,684	118,898	135,462	77,825
1976	2,776,194	126,653	2,902,847	118,610	201,215	182,927	151,555	106,314	131,007
1977	3,845,464	83,936	3,929,400	93,565	226,906	180,884	112,589	98,757	86,279
1978	2,954,313	42,637	2,996,950	91,815	200,759	215,673	120,584	109,271	71,763
1979	3,539,402	45,997	3,585,399	99,670	307,386	261,205	194,104	203,078	121,586
1980	4,749,245	54,806	4,804,051	116,487	446,175	290,719	237,250	156,794	117,274
1981	5,485,957	64,886	5,550,843	316,590	585,003	325,112	292,081	181,062	119,602
1982	6,349,080	55,997	6,405,077	447,739	638,615	275,763	330,502	186,109	125,429
1983	14,153,033	96,397	14,249,430	345,229	564,698	368,139	326,767	219,943	140,523
1984	18,448,383	77,201	18,525,584	267,497	563,588	413,443	329,933	266,919	146,866
1985	18,134,698	137,928	18,272,626	298,932	475,028	450,444	388,327	799,514	125,780
1986	19,297,129	109,938	19,407,067	703,413	350,906	347,690	315,566	242,158	178,847
1987	17,398,908	98,355	17,497,263	1,261,056	558,996	818,475	357,971	298,190	236,263
1988	17,697,838	138,405	17,836,243	1,242,139	560,911	585,014	400,005	331,099	149,876
1989	17,641,151	88,488	17,729,639	1,049,615	283,065	366,590	345,614	194,047	138,825
1990	19,995,760	99,868	20,095,628	1,298,537	229,083	469,502	202,412	273,748	49,174
1991	19,903,346	131,558	20,034,904	1,432,360	665,443	1,025,089	516,257	478,555	231,223
1992	18,194,788	279,610	18,474,398	1,167,898	738,238	666,181	696,623	585,072	168,251
1993	19,051,939	199,640	19,251,579	1,868,745	606,763	1,232,409	818,675	509,309	207,818
1994	17,354,702	204,963	17,559,665	1,699,479	763,493	1,145,700	957,350	873,215	241,679
1995	19,360,033	191,516	19,551,549	1,284,146	614,314	1,941,939	2,411,412	355,198	179,930
1996	19,041,451	237,846	19,279,297	1,163,708	576,674	1,335,804	1,713,145	790,618	136,397
1997	19,724,881	176,120	19,901,001	1,330,450	730,628	1,401,562	2,043,179	640,177	189,241
1998	23,227,152	182,754	23,409,906	1,513,656	309,052	7,568,901	508,030	297,621	115,100
1999	19,935,886	160,568	20,096,454	3,153,935	732,113	5,398,788	1,667,027	1,395,062	188,629
2000	23,226,081	243,938	23,470,019	1,868,145	727,509	1,371,226	1,426,706	967,602	162,166
2001	24,048,075	618,800	24,666,875	2,441,832	2,559,238	1,850,191	1,534,046	1,075,394	479,665
2002	20,727,872	472,355	21,200,227	1,398,680	800,777	757,179	584,201	1,156,428	282,340
2003	20,832,780	283,162	21,115,942	3,732,995	677,629	710,160	624,723	469,296	279,974
2004	26,586,558	245,747	26,832,306	1,821,260	1,373,456	1,320,755	1,043,387	1,053,643	412,752
2005	16,373,205	1,498,514	17,871,718	2,840,486	1,501,877	1,540,619	879,549	677,058	353,179
2006	14,670,515	266,057	14,936,572	4,449,702	1,303,886	1,193,604	2,914,336	958,902	754,968
2007	15,871,071	347,913	16,218,984	5,893,334	1,629,072	1,794,553	1,821,245	829,221	654,462
2008	23,109,411	319,178	23,428,589	2,246,772	1,362,637	1,251,216	824,345	497,380	704,285
2009	23,067,138	155,874	23,223,012	2,530,319	1,537,178	1,338,895	1,165,997	776,728	537,958
2010	14,067,369	265,687	14,333,057	3,393,552	1,619,063	2,625,090	1,740,261	792,598	701,196
2011	18,685,334	142,015	18,827,348	2,549,346	1,775,618	2,319,037	2,218,994	625,535	580,615
2012	21,008,891	220,193	21,229,084	5,054,306	1,462,607	1,601,347	2,700,410	1,804,711	652,283
2013	33,828,004	265,732	34,093,736	5,868,227	1,678,553	1,304,759	3,052,637	1,415,631	532,979
2014	38,296,710	224,743	38,521,453	4,001,952	2,661,670	1,379,980	2,971,265	630,562	764,712
2015	27,088,951	146,355	27,235,307	4,684,007	2,079,809	2,850,085	865,084	2,594,986	1,107,739
2016	30,834,000	205,974	31,039,974	4,836,958	2,668,672	2,348,147	1,168,168	1,077,924	659,698
2017	**33,129,641**	**214,074**	**33,343,715**	**5,034,328**	**2,733,060**	**2,406,053**	**1,182,929**	**1,097,364**	**664,663**
2018	31,305,908	2,271,125	33,577,033	5,146,068	2,688,430	2,362,006	1,170,629	1,077,279	653,903
2019	32,074,081	906,028	32,980,109	5,055,843	2,723,688	2,395,790	1,185,648	1,095,031	666,015
2020	32,394,822	915,088	33,309,910	5,106,401	2,750,925	2,419,747	1,197,504	1,105,981	672,676
2021	32,718,770	924,239	33,643,009	5,157,465	2,778,434	2,443,945	1,209,479	1,117,041	679,402
2022	33,045,958	933,482	33,979,440	5,209,040	2,806,218	2,468,384	1,221,574	1,128,211	686,196
2023	33,376,418	942,816	34,319,234	5,261,130	2,834,281	2,493,068	1,233,790	1,139,493	693,058
2024	33,710,182	952,245	34,662,427	5,313,741	2,862,623	2,517,999	1,246,128	1,150,888	699,989
2025	34,047,284	961,767	35,009,051	5,366,879	2,891,250	2,543,179	1,258,589	1,162,397	706,989
2026	34,387,757	971,385	35,359,142	5,420,548	2,920,162	2,568,611	1,271,175	1,174,021	714,059
2027	34,731,634	981,099	35,712,733	5,474,753	2,949,364	2,594,297	1,283,886	1,185,761	721,199
2028	35,078,950	990,909	36,069,859	5,529,501	2,978,857	2,620,240	1,296,725	1,197,619	728,411
2029	35,429,740	1,000,819	36,430,559	5,584,796	3,008,646	2,646,442	1,309,693	1,209,595	735,695
2030	35,784,037	1,010,827	36,794,864	5,640,644	3,038,732	2,672,907	1,322,789	1,221,691	743,052
2031	36,141,878	1,020,935	37,162,813	5,697,050	3,069,120	2,699,636	1,336,017	1,233,908	750,483
2032	36,503,297	1,031,144	37,534,441	5,754,020	3,099,811	2,726,632	1,349,378	1,246,247	757,988
2033	36,868,330	1,041,456	37,909,786	5,811,561	3,130,809	2,753,898	1,362,871	1,258,710	765,568
2034	37,237,013	1,051,870	38,288,883	5,869,676	3,162,117	2,781,437	1,376,500	1,271,297	773,223
2035	37,609,383	1,062,389	38,671,772	5,928,373	3,193,738	2,809,252	1,390,265	1,284,010	780,956
TOTAL	**1,404,064,815**	**28,321,529**	**1,432,386,343**	**185,482,981**	**95,463,973**	**104,294,125**	**67,653,882**	**49,688,848**	**27,114,325**

TABLE B-11 Minimum OMP&R Costs of Each Aqueduct Reach to be Reimbursed through Minimum OMP&R Component of Transportation Charge (in dollars)

Sheet 6 of 9

Calendar Year	CALIFORNIA AQUEDUCT (continued)									
	MOJAVE DIVISION (continued)				SANTA ANA DIVISION					
	Reach 22B	Reach 23	Reach 24	Subtotal	Reach 25	Reach 26A	Reach 28G	Reach 28H	Reach 28J	Subtotal
	[49]	[50]	[51]	[52]	[53]	[54]	[55]	[56]	[57]	[58]
1961	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0	0	0	0
1972	1,036,831	51,520	362,153	2,030,064	26	578	109	30	0	743
1973	1,283,816	65,475	353,262	2,323,148	20,541	679,328	136,352	79	0	836,300
1974	1,477,946	96,340	334,302	2,375,962	24,380	799,400	155,262	34,693	854,637	1,868,372
1975	1,630,554	111,141	419,450	2,794,186	29,337	885,021	110,729	69,082	723,814	1,817,983
1976	1,598,071	107,787	304,638	2,902,124	51,356	1,103,139	138,575	100,400	635,853	2,029,323
1977	1,882,080	71,228	48,359	2,800,647	62,584	1,412,740	127,543	92,647	825,880	2,521,394
1978	2,211,965	72,179	637,401	3,731,410	67,186	1,159,950	166,919	68,363	835,082	2,297,500
1979	2,104,832	76,960	202,566	3,571,387	84,462	1,235,189	142,586	92,812	265,525	1,820,574
1980	2,670,387	147,009	688,605	4,870,700	72,651	1,532,535	158,340	129,897	1,120,131	3,013,554
1981	3,030,407	134,895	47,750	5,032,502	35,662	1,575,444	160,053	111,722	333,550	2,216,431
1982	3,248,883	299,712	623,755	6,176,507	26,852	1,822,250	205,350	135,463	1,518,759	3,708,674
1983	3,899,769	223,626	384,292	6,472,986	19,017	1,663,599	244,720	124,651	412,806	2,464,793
1984	4,783,997	59,337	1,104,149	7,935,729	11,319	2,325,661	240,496	190,924	769,068	3,537,468
1985	5,330,501	261,135	811,346	8,941,007	17,764	2,707,662	451,600	182,242	871,492	4,230,760
1986	6,190,812	156,053	515,945	9,001,390	31,012	2,768,728	439,048	256,526	982,332	4,477,646
1987	5,731,239	151,796	732,607	10,146,593	19,362	2,847,390	278,094	218,717	1,118,529	4,482,092
1988	6,910,472	253,833	970,052	11,403,401	36,576	3,087,873	271,868	200,811	1,176,659	4,773,787
1989	5,963,386	349,544	1,242,144	9,932,830	30,881	3,190,809	230,953	281,861	1,130,035	4,864,539
1990	6,905,442	436,785	1,891,053	11,755,736	25,518	3,330,913	437,812	308,144	1,538,449	5,640,836
1991	7,488,366	263,723	1,561,051	13,662,067	32,172	3,847,589	843,388	632,912	1,630,321	6,986,382
1992	7,076,997	317,042	622,116	12,038,418	55,819	4,043,878	281,864	5,636,464	1,102,519	11,120,544
1993	7,765,751	359,632	1,708,915	15,078,017	72,464	5,638,325	382,195	570,563	994,721	7,658,268
1994	7,691,548	1,220,795	1,245,936	15,839,195	105,373	5,139,991	617,136	415,603	1,022,412	7,300,515
1995	6,994,639	842,041	746,371	15,369,990	96,781	4,357,648	1,308,828	704,154	894,338	7,361,749
1996	8,590,347	889,842	(78,782)	15,117,753	156,395	4,051,744	1,001,063	1,041,697	1,316,493	7,567,392
1997	8,138,580	1,586,227	3,355,446	19,415,490	177,217	4,585,198	493,841	949,188	953,590	7,159,034
1998	8,887,728	1,924,868	1,134,837	22,259,793	142,703	4,856,225	379,997	991,426	(67,444)	6,302,907
1999	9,516,356	2,034,226	1,222,891	25,309,026	190,302	6,039,135	503,433	1,970,921	1,084,943	9,788,735
2000	9,556,103	1,711,058	1,516,573	19,307,088	353,556	4,201,190	842,570	1,003,213	1,120,734	7,521,262
2001	7,652,968	1,891,843	12,799	19,497,975	296,461	2,417,502	1,667,660	810,577	5,739,153	10,931,354
2002	11,246,808	1,693,570	934,841	18,854,823	509,111	3,398,149	1,250,266	422,611	2,236,460	7,816,597
2003	13,351,358	2,095,918	(453,629)	21,488,425	368,521	3,728,906	545,107	375,520	1,281,666	6,299,722
2004	10,504,893	2,128,188	1,088,145	20,746,480	427,774	5,436,548	1,238,040	439,722	3,569,898	11,111,982
2005	7,608,361	2,414,926	2,241,009	20,057,064	452,675	5,608,440	1,518,256	683,607	(1,905,129)	6,357,849
2006	10,098,886	1,919,091	568,759	24,162,134	293,908	5,197,631	634,186	316,935	5,184,271	11,626,932
2007	10,008,621	2,951,769	651,749	26,234,026	229,797	8,066,110	822,916	704,840	3,274,316	13,097,980
2008	14,593,176	2,387,828	994,755	24,862,395	307,325	6,579,986	801,539	772,346	4,546,566	13,007,763
2009	12,215,276	3,461,716	1,505,075	25,069,142	504,670	7,181,446	623,720	672,441	2,745,997	11,728,274
2010	12,778,606	3,245,549	2,773,872	29,669,788	610,161	6,555,228	475,716	424,243	3,582,180	11,647,528
2011	13,501,681	4,111,682	3,061,369	30,743,878	435,864	5,580,016	878,382	567,478	4,853,781	12,315,520
2012	13,565,808	2,841,988	4,693,221	34,376,682	245,876	6,395,064	1,704,208	545,922	3,968,805	12,859,875
2013	14,711,098	3,546,462	3,640,725	35,751,072	444,336	7,997,122	850,408	723,742	2,262,056	12,277,664
2014	18,266,063	4,407,799	2,923,227	38,007,231	321,796	9,265,546	1,195,014	337,187	9,656,256	20,775,799
2015	19,470,668	4,574,534	2,788,399	41,015,311	179,011	12,000,606	829,035	500,506	2,185,546	15,694,705
2016	20,250,606	5,018,044	5,000,473	43,028,690	257,560	10,805,264	1,051,274	435,754	3,179,339	15,729,191
2017	**23,685,221**	**5,213,511**	**4,171,880**	**46,189,009**	**639,846**	**12,255,029**	**1,207,113**	**493,890**	**5,152,073**	**19,747,951**
2018	21,849,024	5,203,282	4,850,130	45,000,751	1,082,537	12,189,352	1,176,700	483,869	10,242,983	25,175,441
2019	22,147,567	5,196,395	4,720,903	45,186,880	666,581	11,867,380	1,156,479	475,883	6,253,380	20,419,703
2020	22,369,042	5,248,359	4,768,112	45,638,747	673,247	11,986,054	1,168,044	480,642	6,315,913	20,623,900
2021	22,592,733	5,300,842	4,815,793	46,095,134	679,979	12,105,915	1,179,724	485,448	6,379,073	20,830,139
2022	22,818,660	5,353,851	4,863,951	46,556,085	686,779	12,226,974	1,191,522	490,303	6,442,863	21,038,441
2023	23,046,847	5,407,389	4,912,590	47,021,646	693,647	12,349,243	1,203,437	495,206	6,507,292	21,248,825
2024	23,277,315	5,461,463	4,961,716	47,491,862	700,583	12,472,736	1,215,471	500,158	6,572,365	21,461,313
2025	23,510,088	5,516,078	5,011,333	47,966,782	707,589	12,597,463	1,227,626	505,159	6,638,089	21,675,926
2026	23,745,189	5,571,239	5,061,447	48,446,451	714,665	12,723,438	1,239,902	510,211	6,704,469	21,892,685
2027	23,982,641	5,626,951	5,112,061	48,930,913	721,812	12,850,672	1,252,301	515,313	6,771,514	22,111,612
2028	24,222,468	5,683,221	5,163,182	49,420,224	729,030	12,979,179	1,264,824	520,466	6,839,229	22,332,728
2029	24,464,692	5,740,053	5,214,814	49,914,426	736,320	13,108,971	1,277,473	525,671	6,907,622	22,556,057
2030	24,709,339	5,797,453	5,266,962	50,413,569	743,683	13,240,061	1,290,247	530,928	6,976,698	22,781,617
2031	24,956,433	5,855,428	5,319,631	50,917,706	751,120	13,372,461	1,303,150	536,237	7,046,465	23,009,433
2032	25,205,997	5,913,982	5,372,828	51,426,883	758,631	13,506,186	1,316,181	541,599	7,116,929	23,239,526
2033	25,458,057	5,973,122	5,426,556	51,941,152	766,218	13,641,248	1,329,343	547,015	7,188,099	23,471,923
2034	25,712,637	6,032,853	5,480,821	52,460,561	773,880	13,777,660	1,342,636	552,485	7,259,980	23,706,641
2035	25,969,764	6,093,182	5,535,630	52,985,170	781,619	13,915,437	1,356,063	558,010	7,332,579	23,943,708
TOTAL	**813,146,397**	**169,155,370**	**153,164,312**	**1,665,164,213**	**21,941,881**	**430,268,154**	**50,534,687**	**34,997,130**	**212,174,006**	**749,915,859**

TABLE B-11 Minimum OMP&R Costs of Each Aqueduct Reach to be Reimbursed through Minimum OMP&R Component of Transportation Charge (in dollars)

Sheet 7 of 9

Calendar Year	CALIFORNIA AQUEDUCT (continued)									
	SANTA ANA DIVISION - EAST BRANCH EXTENSION									
	Reach 1	Reach 2A	Reach 2B	Reach 2C	Reach 2D	Reach 3A	Reach 3B	Reach 4A	Reach 4B	Subtotal
	[59]	[60]	[61]	[62]	[63]	[64]	[65]	[66]	[67]	[68]
1961	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0	0	0	0
1994	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	0	0	0	0
1996	0	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	0
2001	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0
2003	1,022	84,351	375,153	2,329	0	627,038	360	93,305	33,614	1,217,171
2004	10,740	40,841	509,089	2,340	0	276,019	337	13,434	71,444	924,242
2005	9,849	15,079	526,273	4,153	0	496,547	9,036	27,330	216,418	1,304,685
2006	10,208	10,233	535,408	9,252	57,222	398,825	1,267	14,835	70,564	1,107,813
2007	27,119	9,819	657,783	5,082	124,796	616,238	58,536	39,166	138,296	1,676,836
2008	76,886	34,526	847,770	1,323	208,729	1,316,836	92,649	76,305	230,399	2,885,423
2009	79,262	17,694	995,567	911	220,884	1,004,939	24,654	139,677	229,081	2,712,670
2010	53,803	3,532	812,550	15,916	256,844	1,263,890	9,501	165,322	356,984	2,938,342
2011	21,463	5,389	701,037	4,454	111,270	1,082,991	11,005	75,379	543,209	2,556,199
2012	5,714	15,628	750,672	15,710	167,228	1,591,638	26,683	18,408	198,024	2,789,705
2013	1,099	6,045	597,222	183,482	221,805	1,498,333	4,349	6,272	178,225	2,696,832
2014	8,302	9,525	802,623	105,209	149,466	1,825,021	3,996	2,447	326,592	3,233,181
2015	(140)	7,978	826,907	11,362	79,024	1,485,418	106,157	19,865	379,551	2,916,122
2016	4,281	7,921	572,391	59,259	159,773	1,712,220	53,936	11,272	475,688	3,056,741
2017	**6,044**	**9,264**	**1,119,425**	**83,575**	**175,960**	**2,514,708**	**79,694**	**15,890**	**616,004**	**4,620,564**
2018	5,402	9,395	800,458	74,736	160,201	2,095,036	70,794	14,206	574,233	3,804,461
2019	5,295	8,949	839,065	73,248	166,964	2,128,394	68,823	13,927	560,861	3,865,526
2020	5,348	9,038	847,456	73,981	168,634	2,149,678	69,511	14,067	566,470	3,904,183
2021	5,401	9,129	855,931	74,721	170,320	2,171,175	70,206	14,207	572,135	3,943,225
2022	5,455	9,220	864,490	75,468	172,024	2,192,887	70,908	14,349	577,856	3,982,657
2023	5,510	9,312	873,135	76,222	173,744	2,214,816	71,617	14,493	583,635	4,022,484
2024	5,565	9,405	881,866	76,985	175,481	2,236,964	72,333	14,638	589,471	4,062,708
2025	5,621	9,499	890,685	77,754	177,236	2,259,333	73,057	14,784	595,366	4,103,335
2026	5,677	9,594	899,592	78,532	179,009	2,281,927	73,787	14,932	601,319	4,144,369
2027	5,733	9,690	908,588	79,317	180,799	2,304,746	74,525	15,081	607,333	4,185,812
2028	5,791	9,787	917,673	80,111	182,607	2,327,793	75,270	15,232	613,406	4,227,670
2029	5,849	9,885	926,850	80,912	184,433	2,351,071	76,023	15,384	619,540	4,269,947
2030	5,907	9,984	936,119	81,721	186,277	2,374,582	76,783	15,538	625,735	4,312,646
2031	5,966	10,084	945,480	82,538	188,140	2,398,328	77,551	15,694	631,993	4,355,774
2032	6,026	10,185	954,935	83,363	190,021	2,422,311	78,327	15,851	638,313	4,399,332
2033	6,086	10,286	964,484	84,197	191,921	2,446,534	79,110	16,009	644,696	4,443,323
2034	6,147	10,389	974,129	85,039	193,841	2,471,000	79,901	16,169	651,143	4,487,758
2035	6,209	10,493	983,870	85,889	195,779	2,495,710	80,700	16,331	657,654	4,532,635
TOTAL	**418,640**	**452,148**	**26,894,676**	**1,929,091**	**5,170,432**	**59,032,947**	**1,821,385**	**989,798**	**14,975,252**	**111,684,370**

TABLE B-11 Minimum OMP&R Costs of Each Aqueduct Reach to be Reimbursed through Minimum OMP&R Component of Transportation Charge (in dollars)

Sheet 8 of 9

Calendar Year	CALIFORNIA AQUEDUCT (continued)						
	WEST BRANCH						
	Reach 29A	Reach 29F	Reach 29G	Reach 29H	Reach 29J	Reach 30	Subtotal
	[69]	[70]	[71]	[72]	[73]	[74]	[75]
1961	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0
1972	719,255	159,249	199,145	234,196	88,198	420,789	1,820,832
1973	779,949	339,363	122,664	264,850	119,743	621,431	2,248,000
1974	883,312	158,366	112,458	350,160	(4,525)	723,949	2,223,720
1975	1,049,990	176,676	194,724	801,457	75,870	841,991	3,140,708
1976	1,220,429	215,588	202,591	624,614	98,268	(650,944)	1,710,546
1977	1,268,813	116,939	218,129	684,679	184	634,581	2,923,325
1978	1,174,708	342,479	267,308	415,641	17,764	3,088,954	5,306,854
1979	1,366,942	285,575	284,188	972,584	29,850	958,068	3,897,207
1980	1,698,215	224,472	455,619	874,259	288,303	222,549	3,763,417
1981	1,783,405	123,264	615,047	2,305,110	8,794	1,093,897	5,929,517
1982	1,919,979	190,500	702,265	2,208,264	414,230	978,624	6,413,862
1983	2,739,814	149,333	888,475	745,939	579,882	3,698,681	8,802,124
1984	3,463,038	81,260	2,358,495	537,207	719,282	755,136	7,914,418
1985	3,866,946	295,836	3,047,591	975,729	614,735	1,753,355	10,554,192
1986	3,791,427	457,604	2,893,171	1,480,015	1,032,216	1,338,657	10,993,090
1987	3,423,494	213,106	2,933,342	944,604	459,398	1,406,519	9,380,463
1988	3,447,403	255,113	3,017,463	883,714	446,468	1,452,589	9,502,750
1989	4,025,641	405,583	2,738,143	1,398,165	865,738	1,505,029	10,938,299
1990	4,088,481	383,655	3,232,445	3,153,869	777,713	847,500	12,483,663
1991	3,862,056	304,143	3,550,063	639,527	763,037	1,191,090	10,309,916
1992	4,286,050	327,802	3,892,480	1,014,551	872,953	2,259,032	12,652,868
1993	3,969,075	343,304	4,515,385	1,670,952	852,208	1,157,876	12,508,800
1994	3,649,861	293,376	3,359,381	1,879,417	872,624	1,674,576	11,729,235
1995	4,137,046	883,315	4,750,275	1,588,080	754,904	(421,879)	11,691,741
1996	4,511,858	966,044	3,593,671	4,208,195	877,111	1,574,098	15,730,977
1997	4,543,506	1,030,809	2,429,066	3,755,901	1,597,361	1,521,491	14,878,134
1998	4,871,761	464,376	3,473,405	2,398,630	1,996,114	1,291,185	14,495,471
1999	4,859,457	4,249,651	4,989,423	1,764,943	1,005,565	1,911,025	18,780,064
2000	5,444,691	774,398	4,265,267	2,284,579	170,222	1,536,126	14,475,283
2001	5,907,227	1,543,146	5,135,332	4,420,653	240,595	(980,772)	16,266,181
2002	5,322,904	1,489,898	4,065,555	4,477,490	(53,068)	3,471,144	18,773,924
2003	4,454,348	1,314,746	3,721,548	3,350,981	(628,046)	951,438	13,165,016
2004	8,912,025	1,374,456	3,481,196	5,116,356	(616,073)	1,506,926	19,774,885
2005	5,758,956	2,597,096	7,383,506	(596,347)	2,649,206	(1,245,748)	16,546,669
2006	6,911,944	2,288,053	5,092,673	3,553,035	(573,856)	(4,269,390)	13,002,460
2007	5,696,261	2,717,724	10,411,695	7,817,696	358,723	12,030,517	39,032,616
2008	8,251,259	826,055	16,167,768	7,403,865	(108,940)	423,365	32,963,372
2009	7,845,579	885,234	8,628,704	5,631,532	242,713	2,819,511	26,053,273
2010	10,044,990	794,487	8,884,396	6,261,330	434,116	5,354,068	31,773,387
2011	6,957,766	937,807	9,611,877	8,050,024	49,269	(254,496)	25,352,248
2012	7,469,442	2,896,857	9,420,124	6,177,066	109,979	6,527,159	32,600,628
2013	8,908,504	3,791,701	12,367,640	7,266,853	406,492	3,722,179	36,463,369
2014	10,960,305	3,105,173	7,417,392	7,330,754	402,036	5,457,532	34,673,193
2015	9,389,581	3,629,618	7,617,836	8,728,237	299,124	6,391,330	36,055,726
2016	10,649,346	1,895,719	7,304,887	6,884,574	665,334	20,974,332	48,374,192
2017	**11,876,289**	**2,505,391**	**8,186,404**	**8,075,808**	**1,253,010**	**20,467,653**	**52,364,555**
2018	14,541,621	2,537,998	8,277,639	7,785,870	748,013	10,080,445	43,971,586
2019	12,479,309	2,336,166	8,002,207	7,657,905	897,674	17,345,885	48,719,146
2020	12,604,103	2,359,528	8,082,229	7,734,484	906,650	17,519,344	49,206,338
2021	12,730,144	2,383,123	8,163,051	7,811,829	915,717	17,694,537	49,698,401
2022	12,857,445	2,406,954	8,244,682	7,889,947	924,874	17,871,483	50,195,385
2023	12,986,019	2,431,024	8,327,128	7,968,846	934,123	18,050,197	50,697,337
2024	13,115,880	2,455,334	8,410,400	8,048,535	943,464	18,230,699	51,204,312
2025	13,247,038	2,479,887	8,494,504	8,129,020	952,899	18,413,006	51,716,354
2026	13,379,509	2,504,686	8,579,449	8,210,310	962,428	18,597,136	52,233,518
2027	13,513,304	2,529,733	8,665,243	8,292,413	972,052	18,783,108	52,755,853
2028	13,648,437	2,555,031	8,751,896	8,375,338	981,772	18,970,939	53,283,413
2029	13,784,921	2,580,581	8,839,415	8,459,091	991,590	19,160,648	53,816,246
2030	13,922,771	2,606,387	8,927,809	8,543,682	1,001,506	19,352,255	54,354,410
2031	14,061,998	2,632,450	9,017,087	8,629,119	1,011,521	19,545,777	54,897,952
2032	14,202,618	2,658,775	9,107,258	8,715,410	1,021,636	19,741,235	55,446,932
2033	14,344,644	2,685,363	9,198,330	8,802,564	1,031,853	19,938,647	56,001,401
2034	14,488,091	2,712,216	9,290,314	8,890,590	1,042,171	20,138,034	56,561,416
2035	14,632,972	2,739,339	9,383,217	8,979,495	1,052,593	20,339,414	57,127,030
TOTAL	**466,704,151**	**94,398,916**	**353,962,071**	**289,934,187**	**38,817,361**	**448,505,513**	**1,692,322,199**

TABLE B-11 Minimum OMP&R Costs of Each Aqueduct Reach to be Reimbursed through Minimum OMP&R Component of Transportation Charge (in dollars)

Sheet 9 of 9

Calendar Year	CALIFORNIA AQUEDUCT (continued)							GRAND TOTAL
	COASTAL BRANCH						Total	
	Reach 31A[a]	Reach 33A	Reach 33B	Reach 34	Reach 35	Subtotal		
	[76]	[77]	[78]	[79]	[80]	[81]	[82]	[83]
1961	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	42,918
1963	0	0	0	0	0	0	0	168,358
1964	0	0	0	0	0	0	0	184,729
1965	0	0	0	0	0	0	0	378,874
1966	0	0	0	0	0	0	0	408,397
1967	0	0	0	0	0	0	0	634,505
1968	0	0	0	0	0	0	2,160,548	2,745,160
1969	509,728	0	0	0	0	509,728	3,324,718	4,074,939
1970	609,988	0	0	0	0	609,988	3,983,062	4,676,282
1971	699,052	0	0	0	0	699,052	5,614,013	6,185,714
1972	697,576	0	0	0	0	697,576	12,353,356	12,998,869
1973	641,626	0	0	0	0	641,626	14,590,688	15,194,233
1974	669,279	0	0	0	0	669,279	16,598,762	17,372,561
1975	806,429	0	0	0	0	806,429	19,569,999	20,517,423
1976	840,927	0	0	0	0	840,927	19,002,859	20,027,213
1977	872,169	0	0	0	0	872,169	23,267,885	24,213,489
1978	934,119	0	0	0	0	934,119	24,818,739	26,012,786
1979	871,688	0	0	0	0	871,688	23,421,881	24,675,598
1980	1,047,396	4,790	0	30	75	1,052,291	30,105,348	32,038,398
1981	1,037,469	4,790	0	30	75	1,042,364	33,884,524	35,516,366
1982	1,015,555	4,790	0	30	75	1,020,450	39,515,188	41,611,655
1983	1,146,269	4,957	0	30	77	1,151,333	54,543,263	56,802,781
1984	1,427,192	5,051	0	31	78	1,432,352	63,947,633	67,105,188
1985	1,849,827	5,051	0	31	78	1,854,987	69,700,009	73,272,898
1986	1,714,723	5,051	0	31	78	1,719,883	73,437,761	76,707,917
1987	1,689,141	4,324	0	26	67	1,693,558	71,443,424	75,217,576
1988	1,964,428	4,509	0	28	70	1,969,035	72,349,117	76,060,618
1989	1,768,942	4,509	0	28	70	1,773,549	73,894,076	78,662,348
1990	2,274,772	0	0	0	0	2,274,772	86,130,115	91,361,385
1991	2,187,841	0	0	0	0	2,187,841	86,877,284	90,982,870
1992	2,465,364	0	0	0	0	2,465,364	94,167,321	99,235,524
1993	2,811,441	0	0	0	0	2,811,441	100,019,568	107,299,130
1994	3,894,639	0	0	0	0	3,894,639	92,336,811	99,944,106
1995	3,481,049	0	0	0	0	3,481,049	98,887,435	105,659,504
1996	5,144,684	0	0	0	0	5,144,684	105,119,193	112,018,784
1997	2,523,741	(33)	0	0	0	2,523,708	107,647,058	113,385,326
1998	4,302,712	1,878,365	1,386	160,400	88,026	6,430,889	120,649,996	127,316,519
1999	4,235,897	1,957,943	16,646	184,325	87,373	6,482,183	126,770,225	136,051,673
2000	2,879,118	2,533,780	20,786	253,538	109,328	5,796,549	121,867,778	130,506,829
2001	3,113,568	2,233,156	14,426	151,374	57,878	5,570,402	135,961,807	143,312,316
2002	3,174,177	2,686,500	49,511	189,458	81,857	6,181,502	124,841,131	136,450,562
2003	3,333,348	2,780,287	44,211	200,986	85,015	6,443,847	126,100,659	135,009,046
2004	3,535,885	2,673,103	69,895	240,426	109,830	6,629,139	144,433,611	154,516,038
2005	3,837,238	2,979,942	120,379	292,354	137,878	7,367,791	122,350,247	130,424,375
2006	2,514,944	3,182,628	56,543	154,568	71,756	5,980,438	127,023,731	134,970,200
2007	3,215,040	2,947,240	24,929	13,664	18,235	6,219,107	158,361,980	168,001,926
2008	5,595,179	4,234,972	10,299	5,521	8,567	9,854,537	178,456,714	188,944,834
2009	5,184,588	3,721,283	20,503	8,770	8,182	8,943,325	159,837,620	170,177,273
2010	6,475,063	6,418,684	77,603	19,136	23,139	13,013,624	160,998,991	172,837,881
2011	6,183,012	5,772,017	39,858	13,760	15,156	12,023,804	173,356,054	186,221,357
2012	5,316,241	6,435,779	24,816	11,514	10,418	11,798,768	192,011,031	208,033,783
2013	5,960,212	7,983,102	54,228	26,376	22,921	14,046,838	218,746,448	233,591,114
2014	7,958,084	4,183,688	15,209	7,392	15,843	12,180,216	240,519,484	258,461,154
2015	10,129,075	6,792,122	(1,296)	7,644	22,043	16,949,588	231,303,023	251,069,052
2016	8,777,026	5,934,430	0	0	0	14,711,456	248,086,949	276,432,577
2017	**8,129,107**	**6,229,226**	**0**	**0**	**0**	**14,358,333**	**276,249,842**	**303,639,481**
2018	8,989,556	6,235,823	0	0	0	15,225,379	273,457,566	298,154,075
2019	8,718,215	6,194,491	0	0	0	14,912,706	268,590,766	295,669,465
2020	8,805,397	6,256,436	0	0	0	15,061,833	271,276,673	298,626,159
2021	8,893,451	6,319,001	0	0	0	15,212,452	273,989,440	301,612,420
2022	8,982,386	6,382,191	0	0	0	15,364,577	276,729,334	304,628,543
2023	9,072,210	6,446,012	0	0	0	15,518,222	279,496,629	307,674,831
2024	9,162,932	6,510,473	0	0	0	15,673,405	282,291,593	310,751,578
2025	9,254,561	6,575,577	0	0	0	15,830,138	285,114,511	313,859,095
2026	9,347,107	6,641,333	0	0	0	15,988,440	287,965,657	316,997,685
2027	9,440,578	6,707,746	0	0	0	16,148,324	290,845,310	320,167,661
2028	9,534,984	6,774,824	0	0	0	16,309,808	293,753,766	323,369,341
2029	9,630,333	6,842,572	0	0	0	16,472,905	296,691,305	326,603,035
2030	9,726,637	6,910,998	0	0	0	16,637,635	299,658,216	329,869,063
2031	9,823,903	6,980,108	0	0	0	16,804,011	302,654,800	333,167,755
2032	9,922,142	7,049,909	0	0	0	16,972,051	305,681,347	336,499,433
2033	10,021,364	7,120,408	0	0	0	17,141,772	308,738,160	339,864,427
2034	10,121,577	7,191,612	0	0	0	17,313,189	311,825,540	343,263,066
2035	10,222,793	7,263,528	0	0	0	17,486,321	314,943,799	346,695,702
TOTAL	**321,116,692**	**204,009,076**	**659,930**	**1,941,500**	**974,187**	**528,701,385**	**10,134,343,371**	**11,006,835,745**

[a] Includes certain costs to be assigned directly to Kern County Water Agency. Refer to Appendix B text discussion of Table B-16A under "Project Water Charges."

Tables B-12 through B-31

Note: Where applicable, the projected data values shown in this appendix are shaded and the bill year data are in **bold** type.

TABLE B-12 Variable OMP&R Costs to be Reimbursed through Variable OMP&R Component of Transportation Charge[a] (in dollars)

Sheet 1 of 4

	NORTH BAY AQUEDUCT				SOUTH BAY AQUEDUCT	CALIFORNIA AQUEDUCT		
	Reach 1	Reach 3A	Reach 3B		Reach 1	Reach 1	Reach 4	Reach 14A
Calendar Year	Barker Slough Pumping Plant	Cordelia Pumping Plant (Solano)	Cordelia Pumping Plant (Napa)[b]	Total	South Bay and Del Valle Pumping Plants[c]	Banks Pumping Plant	Dos Amigos Pumping Plant	Buena Vista Pumping Plant
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
1962	0	0	0	0	36,970	0	0	0
1963	0	0	0	0	57,711	0	0	0
1964	0	0	0	0	74,134	0	0	0
1965	0	0	0	0	142,609	0	0	0
1966	0	0	0	0	192,605	0	0	0
1967	0	0	0	0	223,117	13,881	0	0
1968	0	0	6,989	6,989	336,671	452,630	202,947	0
1969	0	0	8,551	8,551	257,579	293,741	135,425	0
1970	0	0	13,598	13,598	396,358	346,215	211,197	1
1971	0	0	10,609	10,609	381,662	574,015	225,188	115,801
1972	0	0	14,434	14,434	598,702	933,292	502,196	198,914
1973	0	0	14,449	14,449	493,490	688,030	381,232	263,468
1974	0	0	17,473	17,473	565,575	783,562	447,772	315,939
1975	0	0	14,779	14,779	349,758	1,341,019	518,816	508,060
1976	0	0	20,856	20,856	571,361	1,638,453	641,115	712,947
1977	0	0	22,635	22,635	512,996	1,013,307	284,828	267,467
1978	0	0	21,692	21,692	586,355	2,339,502	607,042	689,236
1979	0	0	16,237	16,237	605,136	3,554,256	1,008,564	776,016
1980	0	0	19,945	19,945	523,369	2,083,336	1,129,152	1,051,629
1981	0	0	23,842	23,842	567,692	3,952,931	1,939,189	1,336,867
1982	0	0	12,157	12,157	605,780	3,082,031	1,363,705	1,200,226
1983	0	0	2,342	2,342	82,222	1,001,612	396,086	450,801
1984	0	0	4,822	4,822	271,543	1,856,959	976,773	823,681
1985	0	0	10,188	10,188	451,020	3,186,029	1,621,418	1,409,980
1986	0	0	15,501	15,501	814,111	6,595,625	2,627,407	2,405,224
1987	0	0	27,223	27,223	888,558	5,740,403	2,518,308	2,231,491
1988	17,813	0	24,020	41,833	911,176	6,276,214	2,610,048	2,560,122
1989	29,819	43,846	26,519	100,184	1,163,619	9,847,706	3,953,735	4,042,211
1990	52,210	67,109	40,775	160,094	1,834,626	10,460,533	4,498,260	5,779,750
1991	10,429	10,118	5,252	25,799	420,688	1,882,952	491,071	904,541
1992	13,319	13,070	9,406	35,795	339,021	3,129,419	1,147,502	1,221,282
1993	(11,941)	(8,753)	(5,392)	(26,086)	(150,856)	497,455	326,100	(108,089)
1994	46,791	39,624	29,189	115,604	801,374	5,677,009	2,305,603	2,523,572
1995	20,014	20,620	11,791	52,425	302,558	3,805,713	1,451,578	815,572
1996	57,320	47,288	23,483	128,091	718,807	8,192,821	4,009,531	2,493,264
1997	67,416	52,935	21,955	142,306	1,038,568	6,900,694	2,845,506	2,589,077
1998	(11,427)	(10,141)	(4,879)	(26,447)	(130,734)	185,756	(336,341)	(263,072)
1999	31,419	25,288	11,623	68,330	408,566	6,753,244	2,307,304	1,581,950
2000	58,046	42,597	15,125	115,767	904,390	7,961,599	3,043,655	2,952,780
2001	359,270	250,964	214,751	824,984	4,079,017	23,842,925	9,743,418	14,600,626
2002	190,349	104,564	61,470	356,383	2,324,926	17,025,395	6,894,112	8,423,370
2003	180,192	118,387	97,762	396,341	2,568,880	21,142,127	8,873,082	10,393,189
2004	250,597	139,241	107,251	497,090	2,554,982	21,514,887	9,305,543	12,252,400
2005	285,238	147,895	149,083	582,216	2,835,209	28,306,243	12,456,894	11,506,677
2006	234,970	116,406	147,445	498,821	2,764,840	23,330,330	10,474,002	11,242,457
2007	451,874	228,029	257,003	936,906	4,242,890	25,193,715	10,890,726	16,129,285
2008	423,721	195,656	301,951	921,328	3,332,734	17,276,071	6,116,442	11,199,859
2009	218,859	103,270	163,048	485,178	2,487,492	9,192,019	4,049,968	6,861,490
2010	260,455	112,283	215,355	588,094	2,375,172	24,513,390	9,468,531	10,594,566
2011	270,486	116,076	228,382	614,944	3,410,523	35,599,947	15,173,838	14,431,218
2012	272,391	123,844	189,952	586,187	3,538,975	27,319,377	12,014,879	13,731,449
2013	435,741	208,054	322,814	966,610	5,453,846	22,827,935	8,721,713	12,308,957
2014	361,021	184,702	445,584	991,306	4,103,966	11,268,486	3,525,274	6,999,090
2015	389,135	239,088	358,785	987,009	5,749,403	16,835,825	5,310,736	9,802,435
2016	547,986	306,673	375,538	1,230,197	4,687,929	41,020,893	11,480,039	16,117,828
2017	**628,775**	**178,375**	**600,564**	**1,407,714**	**4,792,711**	**37,126,485**	**15,430,355**	**19,364,318**
2018	639,382	181,385	610,697	1,431,464	5,014,612	38,262,530	15,921,145	19,347,628
2019	572,629	193,348	545,270	1,311,247	5,204,082	43,377,004	16,903,922	19,764,712
2020	585,079	197,552	557,126	1,339,757	5,338,793	33,555,792	17,649,863	20,875,192
2021	575,903	194,453	548,388	1,318,744	5,255,057	40,043,189	17,291,815	20,401,630
2022	583,185	196,912	555,322	1,335,419	5,321,509	39,965,507	17,615,233	20,848,243
2023	580,115	195,876	552,398	1,328,389	5,293,489	35,479,730	17,637,525	20,946,983
2024	582,381	196,641	554,556	1,333,578	5,314,167	35,379,680	17,483,186	20,625,493
2025	585,786	197,790	557,798	1,341,374	5,345,235	34,052,305	17,761,816	21,064,350
2026	574,960	194,135	547,490	1,316,585	5,246,455	39,116,134	17,166,388	20,194,415
2027	579,078	195,525	551,411	1,326,014	5,284,025	37,191,938	17,598,242	20,895,444
2028	581,316	196,281	553,542	1,331,139	5,304,457	36,501,526	17,442,995	20,573,011
2029	583,190	196,914	555,327	1,335,431	5,321,555	36,973,453	17,657,284	20,924,197
2030	585,393	197,658	557,424	1,340,475	5,341,656	29,746,152	17,503,430	20,606,478
2031	585,536	197,706	557,560	1,340,802	5,342,951	39,970,446	18,417,854	22,283,175
2032	575,411	194,287	547,919	1,317,617	5,250,565	41,587,512	16,760,014	19,470,403
2033	587,720	198,444	559,640	1,345,804	5,362,893	29,218,439	18,463,283	22,322,370
2034	579,253	195,585	551,578	1,326,416	5,285,627	37,275,572	16,980,193	19,789,428
2035	575,771	194,409	548,262	1,318,442	5,253,848	65,638,351	19,351,556	24,347,145
TOTAL	**16,654,377**	**6,732,010**	**14,755,636**	**38,142,023**	**175,533,359**	**1,209,713,251**	**521,927,209**	**623,090,218**

[a] Excludes extra peaking costs assigned directly to contractors. Refer to Appendix B text discussion of Table B-17 under "Project Water Charges."

[b] Costs for the period 1968 through 1987 are for an interim facility.

[c] The relatively minor costs of Del Valle Pumping Plant have been combined with those of South Bay Pumping Plant to simplify the allocation procedures.

TABLE B-12 Variable OMP&R Costs to be Reimbursed through Variable OMP&R Component of Transportation Charge[a] (in dollars)

Sheet 2 of 4

	CALIFORNIA AQUEDUCT (continued)						
	Reach 15A	Reach 16A	Reach 17E	Reach 18A	Reach 22B	Reach 23	Reach 24
Calendar Year	Wheeler Ridge Pumping Plant	Chrisman Pumping Plant	Edmonston Pumping Plant	Alamo Pumping Plant	Pearblossom Pumping Plant	Mojave Siphon Powerplant	Silverwood Lake[d]
	[9]	[10]	[11]	[12]	[13]	[14]	[15]
1962	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0
1971	2,564	0	0	0	0	0	0
1972	68,304	142,902	542,625	0	3,468	0	0
1973	236,623	387,198	1,548,428	0	202,289	0	0
1974	324,966	564,464	2,164,223	0	324,993	0	0
1975	552,952	1,095,331	4,010,395	0	575,061	0	0
1976	713,875	1,506,985	5,443,936	0	889,544	0	0
1977	303,107	657,108	2,360,624	0	315,128	0	0
1978	616,104	1,132,296	4,180,131	0	1,508,115	0	0
1979	749,188	1,526,850	5,475,688	0	1,838,687	0	0
1980	1,047,495	2,102,439	7,028,235	0	1,762,063	0	0
1981	1,319,739	2,838,773	9,351,931	0	2,296,771	0	0
1982	1,213,660	2,424,920	8,352,207	0	1,498,620	0	0
1983	432,165	793,915	2,375,225	0	397,766	0	0
1984	770,618	1,479,784	4,585,198	0	624,213	0	0
1985	1,411,621	2,812,461	9,365,591	0	1,226,515	0	0
1986	2,432,322	4,999,949	16,956,023	(1,013,756)	2,359,599	0	0
1987	2,213,047	4,434,510	14,612,448	(1,017,868)	1,814,728	0	243,983
1988	2,557,952	5,120,998	16,801,811	(742,800)	2,370,395	0	37,927
1989	4,061,396	8,559,270	28,732,499	(788,139)	4,228,697	0	50,884
1990	6,013,924	13,616,111	48,319,508	(832,947)	6,490,357	0	187,259
1991	1,032,050	2,427,880	8,647,065	(269,625)	996,352	0	0
1992	1,274,895	2,560,253	8,575,989	(916,154)	1,142,454	0	317,172
1993	(86,676)	(490,235)	(2,223,221)	(55,346)	(245,059)	0	(79,954)
1994	2,537,943	5,323,430	18,470,003	(59,356)	2,605,813	0	0
1995	725,389	1,435,098	4,738,967	(1,187,312)	972,086	0	777,343
1996	2,299,388	4,875,010	17,027,386	(2,788,262)	2,647,473	(914,092)	1,053,254
1997	2,417,154	5,424,334	19,413,834	(2,488,338)	3,037,087	(1,680,469)	0
1998	(236,322)	(524,933)	(1,809,182)	(1,969,187)	(431,135)	(1,217,950)	(149,186)
1999	1,288,328	3,316,481	12,854,526	(2,851,993)	1,861,548	(2,533,429)	71,918
2000	3,028,152	6,960,756	25,109,200	(5,070,499)	3,912,220	(4,371,978)	0
2001	14,956,504	33,675,515	124,395,398	(3,276,174)	18,951,103	(3,621,886)	932,664
2002	8,731,681	19,721,183	72,470,283	(4,919,131)	10,667,925	(5,247,076)	95,264
2003	10,813,824	24,634,501	90,645,034	(3,362,477)	14,524,405	(6,610,346)	231,993
2004	12,865,130	29,371,203	107,981,335	(6,248,061)	16,993,228	(7,691,613)	0
2005	11,769,639	26,675,193	94,388,290	(5,791,742)	17,552,651	(6,359,950)	0
2006	11,416,278	26,012,299	81,782,430	(4,022,339)	15,973,485	(6,347,742)	0
2007	16,657,505	37,657,877	125,592,420	(2,976,651)	19,486,841	(5,872,118)	0
2008	12,257,369	24,863,347	77,772,541	(3,305,736)	10,660,557	(3,203,162)	320,480
2009	7,289,924	15,752,135	70,995,351	(3,096,612)	9,125,041	(2,225,065)	2,053
2010	10,761,094	24,291,392	88,798,635	(4,904,985)	16,693,927	(5,529,305)	0
2011	14,469,169	32,456,256	113,763,699	(6,340,454)	23,162,701	(7,675,700)	496,252
2012	13,819,789	31,232,852	109,484,761	(2,424,628)	17,308,629	(8,836,129)	0
2013	12,514,624	28,331,949	99,615,990	(1,989,602)	12,082,796	(4,750,469)	0
2014	7,210,625	16,315,446	57,032,086	(1,305,981)	5,099,627	(1,023,443)	136,848
2015	10,787,103	24,240,558	87,565,766	(2,190,585)	8,908,201	(2,008,918)	821,286
2016	16,973,365	38,393,993	139,927,484	(9,991,405)	25,788,106	(11,125,765)	0
2017	**19,935,226**	**45,461,208**	**166,563,053**	**(11,209,881)**	**23,693,526**	**(14,011,324)**	**0**
2018	19,895,799	45,352,959	166,111,918	(11,206,485)	24,025,447	(13,968,798)	0
2019	20,241,933	46,067,072	168,547,811	(9,015,575)	21,179,696	(11,830,336)	0
2020	21,418,953	48,775,958	178,561,476	(9,453,465)	22,865,682	(12,540,246)	0
2021	20,924,592	47,643,751	174,394,793	(9,425,494)	22,429,121	(12,494,087)	0
2022	21,393,677	48,720,206	178,363,520	(9,453,994)	22,793,150	(12,541,120)	0
2023	21,507,323	48,988,393	179,377,226	(10,998,748)	23,210,974	(12,857,929)	0
2024	21,153,868	48,165,548	176,303,933	(10,445,459)	21,936,512	(12,058,770)	0
2025	21,622,684	49,247,242	180,311,720	(10,896,878)	23,183,245	(12,709,278)	0
2026	20,702,093	47,129,565	172,486,963	(10,555,010)	21,921,978	(12,215,416)	0
2027	21,453,573	48,865,330	178,924,459	(10,820,588)	22,729,793	(12,598,405)	0
2028	21,099,187	48,040,394	175,843,616	(10,677,374)	22,464,684	(12,391,303)	0
2029	21,476,067	48,911,218	179,074,308	(10,745,597)	22,705,592	(12,489,792)	0
2030	21,127,138	48,099,196	176,042,422	(10,615,914)	22,470,162	(12,302,838)	0
2031	22,950,554	52,330,221	191,799,409	(11,182,917)	23,890,087	(13,128,439)	0
2032	19,919,098	45,316,147	165,745,435	(10,155,652)	20,976,825	(11,648,085)	0
2033	22,988,171	52,413,887	192,098,881	(11,289,216)	24,248,287	(13,285,614)	0
2034	20,255,979	46,090,507	168,604,645	(10,351,894)	21,591,420	(11,925,594)	0
2035	25,247,206	57,698,832	211,928,216	(11,465,048)	24,193,172	(13,547,293)	0
TOTAL	**639,928,669**	**1,444,447,670**	**5,226,306,601**	**(288,163,334)**	**722,714,424**	**(339,391,272)**	**5,547,442**

[a] Excludes extra peaking costs assigned directly to contractors. Refer to Appendix B text discussion of Table B-17 under "Project Water Charges."

[d] These values represent a proportionate allocation of the total variable OMP&R costs of pumping and recovery plants (Table B-3) associated with net annual withdrawals from storage for Project Transportation Facilities. The allocation is determined annually by applying the following ratio, calculated from the data shown in Table B-6: "Reservoir Storage Changes" (withdrawals, as a positive value) conveyed through each plant, divided by "Total" annual quantity conveyed through each plant, in acre-feet. The costs so determined are accumulated for all upstream plants for each year, for each respective reservoir.

TABLE B-12 Variable OMP&R Costs to be Reimbursed through Variable OMP&R Component of Transportation Charge[a] (in dollars)

Sheet 3 of 4

	CALIFORNIA AQUEDUCT (continued)						
	Reach 26A	Reach 2B (EBX)	Reach 3A (EBX)	Reach 4B (EBX)	Reach 28J	Reach 29A	Reach 29G
Calendar Year	Devil Canyon Powerplant	Greenspot Pump Station	Crafton Hills Pump Station	Cherry Valley Pump Station	Lake Perris[d]	Oso Pumping Plant	Warne Powerplant
	[16]	[17]	[18]	[19]	[20]	[21]	[22]
1962	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0
1972	(3,024)	0	0	0	0	79,315	0
1973	(461,268)	0	0	0	0	122,787	0
1974	(546,156)	0	0	0	0	157,511	0
1975	(1,095,523)	0	0	0	0	314,636	0
1976	(1,566,056)	0	0	0	0	326,967	0
1977	(1,222,866)	0	0	0	0	75,335	0
1978	(3,085,094)	0	0	0	0	89,383	0
1979	(3,466,481)	0	0	0	0	102,584	0
1980	(3,318,152)	0	0	0	0	236,768	0
1981	(3,842,971)	0	0	0	0	444,280	0
1982	(2,736,072)	0	0	0	0	539,245	(783,626)
1983	(5,478,830)	0	0	0	0	214,069	(1,488,439)
1984	(7,350,989)	0	0	0	0	484,239	(4,088,209)
1985	(10,748,103)	0	0	0	0	874,069	(5,930,176)
1986	(11,484,996)	0	0	0	0	1,269,590	(5,579,301)
1987	(10,814,483)	0	0	0	53,242	1,323,472	(6,292,822)
1988	(14,495,967)	0	0	0	0	1,421,372	(6,994,588)
1989	(18,688,631)	0	0	0	0	2,046,005	(8,368,716)
1990	(20,911,839)	0	0	0	147,163	2,857,442	(11,011,193)
1991	(4,884,013)	0	0	0	0	535,456	(3,604,791)
1992	(9,513,281)	0	0	0	(61,233)	686,984	(5,272,726)
1993	(7,502,549)	0	0	0	0	51,327	(3,380,473)
1994	(11,815,745)	0	0	0	80,824	1,210,469	(5,835,219)
1995	(9,742,248)	0	0	0	0	151,109	(1,179,155)
1996	(12,358,465)	0	0	0	0	895,929	(4,248,531)
1997	(13,293,791)	0	0	0	111,776	897,657	(4,797,589)
1998	(10,108,555)	0	0	0	0	(27,767)	(746,113)
1999	(14,952,833)	0	0	0	(44,587)	655,690	(5,341,364)
2000	(25,522,757)	0	0	0	(107,824)	1,221,657	(9,464,490)
2001	(19,510,278)	0	0	0	0	6,159,709	(7,614,510)
2002	(24,676,763)	0	0	0	0	3,806,290	(10,286,903)
2003	(27,490,216)	0	0	0	1,149,448	4,337,168	(9,899,070)
2004	(31,246,167)	78,555	68,914	7,290	0	5,408,386	(11,835,098)
2005	(28,682,474)	69,542	48,909	2,544	5,151,512	3,422,443	(6,683,632)
2006	(34,389,659)	135,205	148,128	18,268	0	2,545,881	(6,870,988)
2007	(28,529,045)	248,626	256,313	11,163	589,895	6,194,316	(9,522,236)
2008	(16,403,544)	242,648	326,570	7,432	0	4,418,292	(7,184,125)
2009	(13,474,182)	360,373	391,267	7,529	418,484	4,329,384	(6,578,744)
2010	(24,427,811)	313,542	431,062	19,507	0	3,283,833	(5,697,650)
2011	(31,980,782)	372,501	500,578	33,172	0	3,283,372	(5,505,320)
2012	(23,571,258)	451,850	551,794	49,815	231,470	5,192,037	(8,230,796)
2013	(14,097,814)	487,724	570,697	69,151	0	6,312,913	(8,740,718)
2014	(3,836,008)	316,015	438,715	51,910	0	4,400,056	(4,122,547)
2015	(6,409,125)	342,464	457,405	15,029	882,882	6,702,841	(6,176,657)
2016	(22,258,127)	377,640	462,567	83,645	0	5,108,990	(5,463,764)
2017	**(20,313,572)**	**476,840**	**595,092**	**96,640**	**0**	**8,743,866**	**(9,116,085)**
2018	(20,254,933)	484,175	604,246	96,927	0	8,504,512	(8,823,100)
2019	(17,607,565)	510,297	636,847	100,892	0	9,158,535	(8,935,832)
2020	(18,643,900)	521,393	650,693	101,794	0	9,579,444	(9,160,245)
2021	(18,124,379)	513,215	640,488	100,198	0	9,303,472	(9,036,961)
2022	(17,711,882)	519,705	648,587	101,465	0	9,592,112	(9,200,836)
2023	(18,367,209)	516,968	645,172	100,931	0	9,545,861	(9,182,866)
2024	(18,092,687)	518,988	647,692	101,325	0	9,727,989	(9,334,868)
2025	(17,976,502)	522,022	651,478	101,917	0	9,648,679	(9,203,758)
2026	(18,227,464)	512,375	639,439	100,034	0	9,296,728	(9,045,243)
2027	(18,090,514)	516,044	644,018	100,750	0	9,697,011	(9,368,575)
2028	(18,273,799)	518,039	646,508	101,140	0	9,441,602	(9,064,246)
2029	(18,026,294)	519,709	648,592	101,466	0	9,713,384	(9,296,763)
2030	(18,103,854)	521,672	651,042	101,849	0	9,451,327	(9,021,026)
2031	(18,171,962)	521,799	651,200	101,874	0	10,723,777	(10,237,008)
2032	(17,569,033)	512,776	639,940	100,112	0	8,911,526	(8,663,384)
2033	(18,840,243)	523,746	653,631	102,254	0	10,586,482	(10,079,087)
2034	(17,490,135)	516,200	644,213	100,781	0	8,974,232	(8,644,339)
2035	(19,102,441)	513,097	640,340	100,175	0	13,478,835	(13,082,668)
TOTAL	**(940,983,359)**	**13,555,745**	**16,832,139**	**2,288,978**	**8,603,053**	**278,242,868**	**(393,317,169)**

[a] Excludes extra peaking costs assigned directly to contractors. Refer to Appendix B text discussion of Table B-17 under "Project Water Charges."

[d] These values represent a proportionate allocation of the total variable OMP&R costs of pumping and recovery plants (Table B-3) associated with net annual withdrawals from storage for Project Transportation Facilities. The allocation is determined annually by applying the following ratio, calculated from the data shown in Table B-6: "Reservoir Storage Changes" (withdrawals, as a positive value) conveyed through each plant, divided by "Total" annual quantity conveyed through each plant, in acre-feet. The costs so determined are accumulated for all upstream plants for each year, for each respective reservoir.

TABLE B-12 Variable OMP&R Costs to be Reimbursed through Variable OMP&R Component of Transportation Charge[a] (in dollars)

Sheet 4 of 4

Calendar Year	CALIFORNIA AQUEDUCT (continued) Reach 29H Pyramid Lake[d]	Reach 29J Castaic Powerplant	Reach 30 Castaic Lake[d]	Reach 31A Las Perillas and Badger Hill Pumping Plants	Reach 33A Devil's Den, Bluestone, and Polonio Pass Pumping Plants	Total	Grand Total
	[23]	[24]	[25]	[26]	[27]	[28]	[29]
1962	0	0	0	0	0	0	36,970
1963	0	0	0	0	0	0	57,711
1964	0	0	0	0	0	0	74,134
1965	0	0	0	0	0	0	142,609
1966	0	0	0	0	0	0	192,605
1967	0	0	0	0	0	13,881	236,998
1968	0	0	0	118,676	0	774,253	1,117,913
1969	0	0	0	78,350	0	507,516	773,646
1970	0	0	0	136,429	0	693,842	1,103,798
1971	0	0	0	166,296	0	1,083,864	1,476,135
1972	0	(211,144)	0	237,638	0	2,494,486	3,107,622
1973	0	(1,057,564)	0	120,913	0	2,432,136	2,940,075
1974	0	(1,547,884)	0	118,582	0	3,107,972	3,691,020
1975	0	(2,455,461)	0	94,848	0	5,460,134	5,824,671
1976	0	(2,827,557)	0	141,260	0	7,621,469	8,213,686
1977	0	(3,734,462)	0	71,311	0	390,887	926,518
1978	0	(1,542,479)	0	179,925	0	6,714,161	7,322,208
1979	0	(2,773,323)	0	192,126	0	8,984,155	9,605,528
1980	0	(3,408,863)	0	168,458	0	9,882,560	10,425,874
1981	0	(2,834,322)	0	169,177	0	16,972,365	17,563,899
1982	0	(3,463,971)	0	168,390	0	12,859,335	13,477,272
1983	0	(6,649,626)	0	17,920	0	(7,537,336)	(7,452,772)
1984	0	(4,710,802)	0	112,679	0	(4,435,856)	(4,159,491)
1985	0	(15,698,638)	0	146,843	0	(10,322,390)	(9,861,182)
1986	0	(11,072,448)	0	297,886	0	10,793,124	11,622,736
1987	80,822	(11,557,616)	(43,085)	245,082	0	5,785,662	6,701,444
1988	54,038	(12,295,001)	(210,845)	214,519	0	5,286,197	6,239,206
1989	84,370	(14,812,039)	89,852	282,180	0	23,321,280	24,585,082
1990	0	(20,116,741)	245,034	416,832	0	46,159,454	48,154,174
1991	432,382	(6,579,194)	0	3,610	0	2,015,735	2,462,222
1992	29,879	(9,167,653)	(1,141,229)	101,665	0	(5,884,783)	(5,509,967)
1993	(675,438)	(7,895,978)	(2,751,590)	(111,306)	0	(24,731,032)	(24,907,974)
1994	0	(10,565,940)	(81,262)	206,086	0	12,583,232	13,500,210
1995	544,099	(4,049,615)	0	243,434	0	(497,940)	(142,957)
1996	0	(8,457,232)	0	296,170	0	15,023,644	15,870,542
1997	0	(8,727,328)	(897)	298,483	208,816	13,156,005	14,336,879
1998	(965,988)	(3,360,851)	(2,139,549)	(55,491)	(92,902)	(24,248,768)	(24,405,949)
1999	0	(9,672,802)	0	160,203	228,670	(4,317,144)	(3,840,249)
2000	0	(17,958,033)	0	231,125	381,037	(7,693,401)	(6,673,244)
2001	1,003,254	(13,495,346)	2,423,551	1,085,730	2,170,015	206,422,217	211,326,218
2002	0	(18,455,025)	0	544,053	1,351,161	86,145,817	88,827,127
2003	833,189	(16,903,355)	963,682	636,921	1,525,163	126,438,262	129,403,483
2004	222,030	(21,110,644)	685,288	672,555	1,779,029	141,074,190	144,126,262
2005	4,755,989	(12,763,664)	4,548,906	846,063	1,714,250	162,934,283	166,351,708
2006	528,663	(11,822,176)	6,064,195	848,860	1,423,676	128,491,254	131,754,915
2007	0	(19,017,327)	0	1,306,516	2,313,454	196,611,274	201,791,070
2008	0	(14,961,833)	1,320,512	1,127,445	1,732,916	124,584,081	128,838,144
2009	407,982	(15,564,065)	0	695,135	1,212,175	90,151,641	93,124,311
2010	0	(10,738,810)	0	903,993	1,484,471	140,259,384	143,222,649
2011	0	(11,102,175)	1,992,972	1,112,160	2,128,325	196,371,729	200,397,197
2012	186,883	(15,133,885)	0	1,008,578	2,019,551	176,407,019	180,532,182
2013	77,188	(15,520,329)	462,842	1,362,201	2,054,765	162,702,513	169,122,969
2014	0	(7,773,330)	2,168,085	1,559,450	2,105,230	100,565,634	105,660,906
2015	188,915	(10,877,597)	0	1,585,077	1,925,495	148,709,137	155,445,549
2016	0	(8,868,220)	0	1,111,769	2,846,359	241,985,397	247,903,523
2017	**0**	**(15,356,565)**	**0**	**1,119,011**	**3,662,912**	**272,261,105**	**278,461,530**
2018	0	(14,788,198)	0	1,141,752	3,742,540	274,450,064	280,896,140
2019	0	(14,626,597)	0	815,693	5,387,393	290,675,902	297,191,231
2020	0	(14,980,309)	0	834,583	5,514,870	296,127,528	302,806,078
2021	0	(14,776,554)	0	821,493	5,428,373	296,078,655	302,652,456
2022	0	(15,050,240)	0	831,881	5,497,016	302,932,230	309,589,158
2023	0	(15,057,088)	0	827,500	5,468,072	297,788,818	304,410,696
2024	0	(15,289,390)	0	830,733	5,489,433	293,143,206	299,790,951
2025	0	(15,072,238)	0	835,589	5,521,525	298,665,918	305,352,527
2026	0	(14,790,329)	0	820,148	5,419,486	290,672,284	297,235,324
2027	0	(15,328,441)	0	826,021	5,458,296	298,694,396	305,304,435
2028	0	(14,857,899)	0	829,215	5,479,402	293,716,698	300,352,294
2029	0	(15,244,330)	0	831,887	5,497,063	299,231,444	305,888,430
2030	0	(14,767,859)	0	835,030	5,517,827	287,862,234	294,544,365
2031	0	(16,797,326)	0	835,232	5,519,165	320,477,141	327,160,894
2032	0	(14,154,400)	0	820,791	5,423,732	283,993,757	290,561,939
2033	0	(16,514,398)	0	838,350	5,539,764	309,988,987	316,697,684
2034	0	(14,159,544)	0	826,272	5,459,950	284,537,886	291,149,929
2035	0	(21,608,089)	0	821,303	5,427,124	370,579,813	377,152,103
TOTAL	**7,788,259**	**(726,532,142)**	**14,596,461**	**38,019,290**	**130,965,597**	**8,216,180,598**	**8,429,855,980**

[a] Excludes extra peaking costs assigned directly to contractors. Refer to Appendix B text discussion of Table B-17 under "Project Water Charges."

[d] These values represent a proportionate allocation of the total variable OMP&R costs of pumping and recovery plants (Table B-3) associated with net annual withdrawals from storage for Project Transportation Facilities. The allocation is determined annually by applying the following ratio, calculated from the data shown in Table B-6: "Reservoir Storage Changes" (withdrawals, as a positive value) conveyed through each plant, divided by "Total" annual quantity conveyed through each plant, in acre-feet. The costs so determined are accumulated for all upstream plants for each year, for each respective reservoir.

TABLE B-13 Capital and Operating Costs of Project Conservation Facilities to be Reimbursed through Delta Water Charge (in dollars)

Calendar Year	Initial Project Conservation Facilities (Portions of Upper Feather Lakes, Oroville-Thermalito, and California Aqueduct Facilities)					Planning and Pre-operating Costs[a,f]	Total
				Application of Oroville Power Revenues to:			
	Capital Costs[a]	Capital Cost Credits[b]	Operating Costs[c]	Capital Costs[d]	Operating Costs[e]		
	[1]	[2]	[3]	[4]	[5]	[6]	[7]
1952	171,322	0	0	0	0	0	171,322
1953	312,190	0	0	0	0	0	312,190
1954	308,624	0	0	0	0	0	308,624
1955	194,645	0	0	0	0	0	194,645
1956	1,357,077	0	0	0	0	0	1,357,077
1957	6,210,709	0	0	0	0	0	6,210,709
1958	9,510,916	0	0	0	0	0	9,510,916
1959	11,390,586	0	0	0	0	0	11,390,586
1960	14,463,274	(4,850,000)	0	0	0	0	9,613,274
1961	18,729,965	(431,527)	0	0	0	0	18,298,438
1962	9,099,967	(479,280)	0	0	0	0	8,620,687
1963	73,098,107	(478,743)	(14,000)	0	0	0	72,605,364
1964	62,629,003	(751,330)	(14,000)	0	0	107,780	61,971,453
1965	71,048,877	(763,541)	(14,000)	0	0	551,850	70,823,186
1966	125,376,541	(748,649)	(14,000)	0	0	1,081,023	125,694,915
1967	94,481,603	(812,145)	(13,446)	0	0	1,189,212	94,845,224
1968	39,986,145	(431,574)	1,303,821	(951,000)	0	793,399	40,700,791
1969	5,367,865	(259,015)	2,890,772	(11,007,000)	0	601,867	(2,405,511)
1970	4,208,411	(203,733)	4,818,634	(14,650,000)	(1,500,000)	516,659	(6,810,029)
1971	3,956,703	(193,631)	6,026,480	(14,650,000)	(1,500,000)	408,754	(5,951,694)
1972	4,662,255	(196,361)	5,393,011	(14,650,000)	(1,500,000)	287,374	(6,003,721)
1973	4,090,078	(136,997)	6,135,774	(14,650,000)	(1,500,000)	203,384	(5,857,761)
1974	6,852,718	(137,503)	6,944,723	(17,950,000)	(1,500,000)	201,907	(5,588,155)
1975	8,343,833	(234,567)	7,697,390	(14,650,000)	(1,500,000)	146,188	(197,156)
1976	6,189,618	(204,944)	7,067,037	(14,650,000)	(1,500,000)	205,234	(2,893,055)
1977	21,554,452	(150,214)	10,547,977	(14,650,000)	(1,500,000)	857,419	16,659,634
1978	8,031,393	(64,566)	12,851,158	(14,650,000)	(1,500,000)	2,131,286	6,799,271
1979	9,751,861	0	9,547,014	(14,650,000)	(1,500,000)	2,131,884	5,280,759
1980	11,345,574	0	13,258,298	(14,650,000)	(1,500,000)	3,638,851	12,092,723
1981	11,921,267	0	10,326,538	(14,650,000)	(1,500,000)	4,597,474	10,695,279
1982	17,479,059	0	16,154,872	(14,650,000)	(1,500,000)	4,594,682	22,078,613
1983	12,763,378	0	22,251,331	(34,705,000)	(8,735,000)	3,751,993	(4,673,298)
1984	9,367,268	0	22,700,224	(14,650,000)	(10,348,000)	2,979,126	10,048,618
1985	12,538,173	0	23,462,283	(14,650,000)	(8,198,000)	2,069,024	15,221,480
1986	21,586,488	0	26,479,379	(14,650,000)	(9,107,000)	1,602,419	25,911,286
1987	32,734,633	0	23,479,839	(14,650,000)	(9,451,000)	1,762,179	33,875,651
1988	33,028,679	0	25,832,491	(14,650,000)	(8,677,000)	1,808,899	37,343,069
1989	11,075,132	0	28,442,946	(14,650,000)	(8,102,000)	2,678,007	19,444,085
1990	28,764,328	0	37,430,776	(14,650,000)	(8,498,000)	1,436,712	44,483,816
1991	37,462,303	0	76,586,450	(14,650,000)	(9,487,000)	1,727,664	91,639,417
1992	29,169,134	0	32,280,229	(14,650,000)	(8,526,000)	1,707,822	39,981,185
1993	22,366,873	0	36,884,103	(14,650,000)	(8,768,000)	1,708,490	37,541,465
1994	14,709,626	0	41,193,693	(14,650,000)	(7,484,000)	2,134,392	35,903,711
1995	15,120,856	0	46,162,374	(14,650,000)	(4,976,939)	2,042,481	43,698,773
1996	11,001,852	0	50,885,567	(14,650,000)	(5,503,289)	2,448,692	44,182,822
1997	15,278,251	0	51,788,497	(14,650,000)	(5,740,515)	1,699,730	48,375,963
1998	3,864,189	0	54,726,293	(14,650,000)	(8,155,000)	1,193,198	36,978,680
1999	7,773,761	0	56,065,583	(14,650,000)	(9,198,000)	9,686	40,001,030
2000	10,847,131	0	56,064,265	(14,688,338)	(10,297,482)	13,491	41,939,067
2001	10,948,086	0	75,987,138	(16,223,803)	(14,328,482)	23,866	56,406,805
2002	20,389,719	0	67,977,990	(19,498,891)	(20,826,560)	24,426	48,066,683
2003	23,658,616	0	77,725,364	(20,605,664)	(29,982,088)	9,833	50,806,061
2004	21,653,508	0	91,157,572	(17,530,688)	(35,845,422)	7,548	59,442,518
2005	6,610,322	0	104,208,826	(15,354,462)	(22,004,805)	0	73,459,881
2006	11,469,917	0	102,783,234	(15,210,585)	(21,005,765)	0	78,036,801
2007	8,510,649	0	87,611,433	(14,734,855)	(17,033,961)	0	64,353,266
2008	7,244,557	0	105,494,597	(14,968,129)	(19,570,602)	0	78,200,423
2009	7,627,891	0	114,930,514	(15,959,419)	(20,921,647)	0	85,677,339
2010	8,249,943	0	120,615,283	(15,958,194)	(20,222,025)	0	92,685,006
2011	13,237,900	0	127,458,663	(15,958,715)	(19,207,013)	0	105,530,835
2012	28,034,954	0	127,406,898	(16,032,565)	(22,105,563)	0	117,303,723
2013	101,193,467	0	138,602,948	(16,034,532)	(20,414,514)	0	203,347,368
2014	83,349,581	0	144,423,857	(15,852,875)	(18,597,043)	0	193,323,520
2015	46,909,960	0	150,760,902	(20,661,827)	(17,587,782)	0	159,421,254
2016	160,315,285	0	202,484,836	(21,519,913)	(20,121,015)	0	321,159,193
2017	**177,833,499**	**0**	**187,535,249**	**(28,737,811)**	**(16,550,456)**	**0**	**320,080,481**
2018	210,234,997	0	209,698,316	(34,576,196)	(17,126,441)	0	368,230,676
2019	71,350,118	0	202,426,320	(40,187,479)	(18,111,964)	0	215,476,995
2020	410,311	0	183,379,919	(41,724,651)	(18,293,083)	0	123,772,496
2021	410,311	0	190,009,280	(41,608,625)	(18,476,014)	0	130,334,952
2022	410,311	0	184,452,023	(41,601,966)	(18,660,774)	0	124,599,594
2023	410,311	0	188,511,116	(41,598,416)	(18,847,382)	0	128,475,629
2024	410,311	0	188,374,663	(41,488,814)	(19,035,856)	0	128,260,304
2025	410,311	0	188,623,044	(41,714,406)	(19,226,214)	0	128,092,735
2026	410,311	0	200,266,613	(41,594,621)	(19,418,477)	0	139,663,826
2027	410,311	0	196,225,917	(41,592,930)	(19,612,661)	0	135,430,637
2028	410,311	0	198,611,781	(41,603,649)	(19,808,788)	0	137,609,655
2029	410,311	0	197,392,503	(41,484,751)	(20,006,876)	0	136,311,187
2030	410,311	0	200,235,302	(48,071,435)	(20,206,945)	0	132,367,233
2031	410,311	0	204,309,821	(48,075,845)	(20,409,014)	0	136,235,273
2032	410,311	0	216,410,486	(48,077,501)	(20,613,104)	0	148,130,192
2033	410,311	0	202,454,284	(48,072,951)	(20,819,235)	0	133,972,409
2034	410,311	0	214,692,110	(48,077,813)	(21,027,428)	0	145,997,180
2035	410,311	0	219,422,844	(48,066,466)	(21,237,702)	0	150,528,987
TOTAL	**2,016,964,636**	**(11,528,320)**	**6,446,272,022**	**(1,569,562,781)**	**(876,014,926)**	**57,085,905**	**6,063,216,536**

[a] Reimbursed through the capital cost component of the Delta Water Charge.
[b] Negotiated settlements as to the magnitude of SWP planning costs from 1952 through 1978.
[c] Reimbursed through the minimum OMP&R component of the Delta Water Charge. Credits for Gianelli power generation are reflected in these net costs.
[d] Revenues credited through the capital cost component of the Delta Water Charge.
[e] Revenues credited through the minimum OMP&R component of the Delta Water Charge.
[f] Under amendments of Articles 22(e) and 22(g), planning and pre-operating costs of additional Project Conservation Facilities incurred through the previous year reflected in the Delta Water Charge.

Tables B-14 through B-31

Note: Where applicable, the projected data values shown in this appendix are shaded and the bill year data are in **bold** type.

TABLE B-14 Capital Costs of Transportation Facilities Allocated to Each Contractor (in dollars)

Calendar Year	NORTH BAY AREA			SOUTH BAY AREA				CENTRAL COASTAL AREA		
	Napa	Solano[a]	Total	Alameda-Zone 7	Alameda County	Santa Clara	Total	San Luis Obispo	Santa Barbara	Total
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]
1952	0	0	0	83	114	410	608	122	224	346
1953	0	0	0	323	479	1,808	2,610	336	620	956
1954	0	0	0	819	1,306	5,150	7,275	421	777	1,199
1955	0	0	0	977	1,570	6,297	8,844	211	390	601
1956	0	0	0	8,844	14,459	63,816	87,120	227	418	645
1957	15,199	11,436	26,634	21,564	35,240	649,596	706,401	291	536	827
1958	33,420	16,591	50,011	67,764	71,717	733,414	872,896	720	1,328	2,048
1959	20,697	6,591	27,288	154,255	143,730	493,050	791,035	10,636	69,139	79,775
1960	9,097	8,830	17,927	296,492	275,610	1,018,661	1,590,763	15,255	99,794	115,048
1961	6,950	7,445	14,395	853,506	802,675	1,914,709	3,570,890	10,163	36,681	46,843
1962	(194)	(926)	(1,120)	545,123	615,141	1,686,041	2,846,306	17,281	39,570	56,851
1963	1,319	1,111	2,430	657,426	1,281,271	3,243,838	5,182,534	68,821	140,841	209,662
1964	38,393	35,466	73,859	712,650	1,747,783	7,251,800	9,712,233	138,614	282,003	420,617
1965	198,833	62,221	261,054	360,779	606,025	3,414,457	4,381,262	250,706	497,152	747,859
1966	461,619	49,917	511,536	592,714	592,598	2,245,215	3,430,528	587,951	1,117,486	1,705,437
1967	1,569,498	40,379	1,609,877	796,995	803,951	2,401,862	4,002,808	936,412	1,762,694	2,699,106
1968	859,613	61,691	921,304	736,470	696,075	1,997,924	3,430,469	351,131	675,220	1,026,351
1969	74,388	59,318	133,706	269,698	293,275	764,950	1,327,923	76,966	164,583	241,550
1970	43,361	67,877	111,238	58,676	61,200	135,569	255,445	47,891	109,224	157,115
1971	26,763	34,052	60,815	12,086	18,227	84,089	114,402	28,638	80,715	109,353
1972	19,643	18,905	38,548	12,293	12,763	63,610	88,666	19,289	50,230	69,519
1973	56,510	30,874	87,384	10,494	12,136	39,380	62,010	23,010	56,178	79,189
1974	165,830	65,832	231,662	15,722	24,402	73,119	113,243	25,037	61,383	86,420
1975	91,824	89,234	181,058	16,730	15,806	41,394	73,930	14,740	61,416	76,156
1976	57,765	83,651	141,416	34,004	34,663	109,610	178,277	33,638	130,440	164,078
1977	64,167	80,147	144,314	46,229	45,115	133,375	224,720	108,324	264,720	373,044
1978	69,319	81,717	151,036	71,234	66,008	174,898	312,140	21,415	103,822	125,237
1979	191,273	282,907	474,180	45,468	42,943	110,665	199,077	22,941	125,669	148,610
1980	264,433	386,006	650,439	134,522	124,352	304,614	563,488	103,258	462,895	566,153
1981	227,606	383,086	610,692	(33,738)	(29,856)	(65,637)	(129,231)	(15,416)	(135,240)	(150,656)
1982	549,164	870,611	1,419,775	7,876	8,321	27,065	43,262	4,102	(58,882)	(54,780)
1983	1,254,900	1,433,061	2,687,961	138,413	131,515	339,246	609,175	32,196	110,287	142,483
1984	2,547,878	2,750,040	5,297,918	152,992	140,971	351,921	645,884	35,448	107,723	143,171
1985	7,143,123	6,443,613	13,586,736	19,776	19,245	53,491	92,512	17,424	78,896	96,319
1986	10,565,937	16,926,630	27,492,567	32,034	31,581	88,070	151,684	44,135	306,452	350,588
1987	7,979,832	12,599,507	20,579,339	50,153	48,675	138,959	237,787	126,995	1,342,116	1,469,110
1988	2,312,909	4,343,513	6,656,422	116,181	112,294	302,461	530,935	156,473	1,479,545	1,636,018
1989	1,224,538	1,553,352	2,777,890	108,320	102,804	260,092	471,217	152,173	1,210,940	1,363,112
1990	443,002	824,055	1,267,057	224,283	224,188	625,213	1,073,684	222,208	1,559,457	1,781,665
1991	99,848	89,269	189,117	413,426	383,368	946,246	1,743,040	298,398	2,184,088	2,482,487
1992	57,045	62,083	119,128	182,231	169,968	442,055	794,255	361,210	3,504,755	3,865,965
1993	122,423	128,634	251,057	129,344	125,312	342,416	597,071	1,170,649	11,997,953	13,168,602
1994	71,274	83,270	154,544	46,042	58,050	229,649	333,741	4,260,734	46,401,596	50,662,331
1995	30,605	29,271	59,876	97,808	97,063	257,484	452,355	12,268,787	155,255,850	167,524,637
1996	20,275	19,069	39,344	49,854	48,056	127,493	225,403	11,284,548	145,409,410	156,693,959
1997	20,039	107,784	127,823	82,598	78,996	209,517	371,111	3,184,506	38,158,718	41,343,224
1998	17,423	21,572	38,995	27,302	24,121	63,057	114,480	883,110	10,563,359	11,446,469
1999	67,602	106,355	173,957	74,165	73,552	208,296	356,013	928,738	9,596,058	10,524,796
2000	16,252	37,932	54,185	27,445	28,844	80,346	136,635	488,160	5,529,102	6,017,261
2001	6,598	13,750	20,347	140,394	270,055	1,856,845	2,267,294	72,358	539,206	611,564
2002	19,917	45,940	65,857	809,721	1,193,494	5,886,086	7,889,301	69,122	387,295	456,418
2003	54,235	20,712	74,947	1,157,357	1,331,716	4,620,228	7,109,301	19,610	118,117	137,728
2004	153,240	20,534	173,774	360,395	346,065	4,106,509	4,812,969	12,286	52,406	64,692
2005	60,543	62,997	123,541	358,153	339,995	1,541,971	2,240,119	(1,979)	(161,490)	(163,469)
2006	887,892	20,086	907,978	349,395	329,656	801,023	1,480,075	8,438	65,059	73,497
2007	3,237,236	43,135	3,280,372	793,095	732,240	1,756,072	3,281,407	16,262	84,170	100,432
2008	7,903,036	61,877	7,964,914	1,466,734	1,352,530	3,236,019	6,055,283	28,452	99,415	127,867
2009	1,196,789	18,960	1,215,749	2,985,071	2,797,639	6,671,528	12,454,237	8,765	74,482	83,248
2010	396,763	3,323	400,086	3,858,703	3,511,676	8,785,887	16,156,266	75,721	140,736	216,456
2011	192,894	40,199	233,092	4,038,282	3,836,620	9,247,635	17,122,537	109,867	235,239	345,106
2012	485,208	426,760	911,967	2,717,470	2,649,415	6,713,706	12,080,591	76,346	336,174	412,520
2013	652,391	679,649	1,332,041	1,160,446	1,251,281	3,887,891	6,299,619	259,660	1,274,653	1,534,313
2014	587,364	658,937	1,246,300	(252,836)	(174,519)	(198,598)	(625,953)	334,011	1,559,222	1,893,233
2015	187,616	266,900	454,515	646,687	639,112	1,591,599	2,877,399	251,818	1,360,495	1,612,313
2016	62,069	119,157	181,226	180,661	176,185	431,563	788,409	684,646	2,503,167	3,187,813
2017	**21,039**	**50,641**	**71,680**	**79,446**	**72,615**	**173,761**	**325,823**	**405,557**	**1,375,509**	**1,781,066**
2018	120,298	300,985	421,283	492,341	461,089	1,132,409	2,085,840	335,399	1,504,273	1,839,672
2019	66,459	158,506	224,965	94,754	87,256	217,578	399,587	162,294	744,413	906,707
2020	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0	0	0
TOTAL	**55,402,981**	**53,407,027**	**108,810,008**	**29,916,717**	**31,521,823**	**96,650,476**	**158,089,015**	**41,747,654**	**453,290,872**	**495,038,526**

Note: Allocated capital costs as a result of permanent water transfers under the Monterey Amendment are not reflected in this table.

[a] Costs from Table B-10 allocated to Solano County Water Agency are reduced herein by $2,102,700 in 1986 and $1,823,500 in 1987 under provisions of Amendment 10 to its water supply contract.

TABLE B-14 Capital Costs of Transportation Facilities Allocated to Each Contractor (in dollars)

	SAN JOAQUIN VALLEY AREA									
				Kern						
Calendar Year	Dudley Ridge	Empire[b]	Future Contractor San Joaquin Valley	Municipal and Industrial	Municipal and Industrial[c]	Agricultural	Kings	Oak Flat	Tulare	Total
	[11]	[12]	[13]	[14]	[15]	[16]	[17]	[18]	[19]	[20]
1952	389	20	58	938	119	9,129	20	12	785	11,470
1953	1,076	53	161	2,887	345	27,383	55	33	2,157	34,150
1954	1,350	68	201	3,373	417	32,369	69	43	2,718	40,608
1955	677	34	101	1,497	197	14,721	35	23	1,371	18,656
1956	726	34	108	2,702	273	24,255	35	25	1,416	29,575
1957	932	38	139	6,048	494	49,932	39	29	1,707	59,359
1958	2,308	102	344	14,374	1,153	119,049	104	61	4,368	141,862
1959	7,384	364	2,517	26,218	2,597	253,891	372	381	14,757	308,481
1960	12,940	630	3,666	34,054	4,155	352,166	644	498	25,696	434,448
1961	21,848	1,063	3,954	51,407	6,500	538,707	1,087	598	43,377	668,542
1962	49,320	2,410	7,867	94,933	13,834	1,017,146	2,465	1,879	98,141	1,287,996
1963	208,757	10,687	32,172	364,014	55,715	3,934,636	10,932	5,990	425,330	5,048,232
1964	328,286	16,961	64,890	600,152	88,904	6,636,279	17,350	11,942	672,013	8,436,776
1965	538,215	27,481	117,996	1,098,999	152,930	11,999,892	28,116	21,802	1,095,126	15,080,557
1966	1,107,757	52,586	279,172	2,218,832	339,222	24,857,487	53,789	38,891	2,173,090	31,120,826
1967	852,537	39,537	445,562	2,012,744	286,990	23,629,026	40,444	34,775	1,653,429	28,995,045
1968	198,739	9,739	166,267	1,104,132	70,086	11,544,942	9,962	12,238	396,075	13,512,180
1969	94,436	4,793	35,473	616,516	27,216	6,416,147	4,903	7,302	191,574	7,398,361
1970	54,344	2,720	21,686	414,659	15,520	4,145,046	2,782	3,999	109,470	4,770,226
1971	25,462	1,291	12,094	190,552	7,114	1,622,274	1,320	540	51,618	1,912,264
1972	11,589	589	8,354	82,886	3,409	723,623	602	343	23,526	854,921
1973	6,657	335	10,201	39,973	1,980	458,527	343	221	13,448	531,685
1974	9,478	469	11,044	45,420	2,766	483,866	479	326	18,979	572,828
1975	13,329	677	5,246	36,467	3,710	382,743	692	425	27,048	470,338
1976	17,506	837	12,615	53,085	5,621	654,026	856	1,152	34,455	780,152
1977	9,672	436	47,790	36,478	3,753	886,672	446	494	18,497	1,004,236
1978	23,499	(30,406)	6,178	54,219	6,579	575,169	1,209	1,402	47,446	685,296
1979	25,051	1,295	5,664	53,866	6,610	559,746	1,325	1,862	51,293	706,711
1980	144,980	(4,617)	31,160	321,890	38,126	3,211,810	7,682	7,144	297,215	4,055,391
1981	(5,427)	(15,464)	200	(44,773)	(1,223)	(385,275)	(296)	1,752	(11,324)	(461,830)
1982	49,916	2,584	6,600	83,283	13,142	654,692	2,638	1,252	102,287	916,395
1983	52,429	(35,295)	12,125	110,465	13,872	1,073,500	2,769	1,327	107,337	1,338,529
1984	86,345	4,474	14,303	154,799	22,764	1,617,225	4,572	2,678	177,020	2,084,180
1985	25,435	1,311	5,649	47,055	6,766	484,485	1,341	1,176	52,013	625,231
1986	38,309	(41,067)	9,862	71,661	10,320	796,097	2,009	778	78,142	966,110
1987	28,769	1,476	7,004	55,537	7,969	616,845	1,509	1,491	58,679	779,279
1988	52,329	2,831	17,078	70,572	12,049	909,046	2,894	4,620	109,713	1,181,132
1989	156,099	8,019	27,551	352,103	42,943	3,834,481	8,201	12,134	318,604	4,760,133
1990	292,361	15,142	50,360	553,394	87,199	6,094,021	15,487	22,729	599,233	7,729,927
1991	349,413	18,103	60,419	580,572	91,765	6,447,565	18,515	23,486	716,292	8,306,130
1992	125,891	6,439	28,019	241,559	34,559	2,711,639	6,585	10,883	256,370	3,421,943
1993	86,113	4,375	30,245	174,630	23,840	2,059,168	4,474	4,698	174,772	2,562,314
1994	64,762	3,323	23,894	124,518	17,633	1,488,418	3,398	2,173	132,095	1,860,213
1995	82,969	(1,000)	72,734	167,698	24,390	2,472,332	4,355	2,824	169,318	2,995,621
1996	27,611	(61,913)	51,990	68,870	8,812	1,233,548	1,437	1,590	56,092	1,388,037
1997	136,503	7,041	48,721	241,400	36,417	2,951,687	7,195	3,706	279,205	3,711,875
1998	70,737	(121,004)	23,083	122,934	18,622	1,474,568	3,742	1,278	144,963	1,738,923
1999	81,197	4,192	26,645	142,983	21,661	1,715,933	4,285	3,846	166,160	2,166,903
2000	21,089	1,073	9,822	45,704	6,013	547,927	1,096	(1,081)	42,826	674,466
2001	17,776	907	7,862	36,078	5,062	432,671	927	781	36,153	538,217
2002	93,258	4,801	18,852	163,537	25,021	1,835,443	4,909	1,470	190,549	2,337,839
2003	19,993	1,020	5,083	37,987	5,481	435,030	1,038	422	40,670	546,724
2004	18,558	958	4,113	34,437	4,911	374,948	980	1,518	37,972	478,394
2005	56,091	2,902	9,832	96,815	14,744	1,025,877	2,964	561	114,896	1,324,682
2006	10,670	551	1,947	30,110	2,812	197,248	564	732	21,841	266,475
2007	15,261	772	4,166	36,509	4,188	324,461	789	921	30,898	417,965
2008	62,504	3,233	11,391	104,213	16,434	1,151,588	3,304	2,079	128,030	1,482,775
2009	15,109	769	3,235	48,489	4,097	304,508	787	1,000	30,698	408,693
2010	27,193	1,410	36,031	67,633	7,112	848,012	1,443	318	55,776	1,044,927
2011	36,679	1,899	50,586	71,555	9,664	1,181,799	1,941	1,450	75,156	1,430,729
2012	42,554	2,101	23,353	90,014	11,882	1,139,946	2,149	3,019	85,122	1,400,140
2013	187,114	9,352	70,303	385,659	53,496	4,595,517	9,566	13,022	376,622	5,700,651
2014	197,108	10,063	95,812	366,806	53,569	4,666,940	10,296	15,319	401,027	5,816,940
2015	125,234	6,369	59,687	255,647	34,305	3,039,981	6,515	11,411	254,302	3,793,452
2016	293,506	14,839	243,283	581,580	80,635	8,356,946	15,177	10,396	594,215	10,190,577
2017	**356,036**	**18,176**	**151,308**	**721,033**	**101,790**	**8,587,766**	**18,586**	**13,153**	**724,387**	**10,692,236**
2018	252,480	13,103	100,292	704,291	69,157	7,237,570	13,402	11,421	518,040	8,919,758
2019	106,594	5,528	47,411	228,132	29,558	2,777,252	5,654	5,615	218,628	3,424,371
2020	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0	0	0
TOTAL	**7,525,810**	**43,617**	**2,803,531**	**17,008,802**	**2,179,765**	**192,472,065**	**385,351**	**352,381**	**15,160,907**	**237,932,229**

[b] Costs from Table B-10 allocated to Empire West Side Irrigation District are reduced herein by $31,588 in 1978; $12,129 in 1980; $15,173 in 1981; $38,004 in 1983; $43,033 in 1986; $5,261 in 1995; $63,318 in 1996; and $124,667 in 1998 in accordance with letters of agreement with the district.

[c] Costs related to maximum annual Table A of 15,000 acre-feet under Amendment 18 of the water supply contract with Kern County Water Agency.

TABLE B-14 Capital Costs of Transportation Facilities Allocated to Each Contractor (in dollars)

Sheet 3 of 4

Calendar Year	SOUTHERN CALIFORNIA AREA									
	AVEK	Castaic Lake[d]	Coachella	Crestline	Desert	Littlerock	Mojave	Palmdale	San Bernardino	San Gabriel
	[21]	[22]	[23]	[24]	[25]	[26]	[27]	[28]	[29]	[30]
1952	3,158	1,042	850	254	1,402	70	1,695	418	6,079	1,550
1953	10,026	3,327	2,668	799	4,401	222	5,318	1,328	19,058	4,852
1954	12,742	4,193	3,465	1,031	5,714	285	6,908	1,691	24,608	6,290
1955	5,411	1,881	1,374	401	2,267	115	2,756	715	9,229	2,377
1956	9,775	3,590	2,196	612	3,622	191	4,449	1,267	13,138	3,438
1957	26,306	9,255	6,343	1,816	10,461	540	12,767	3,450	40,646	10,534
1958	49,204	17,599	11,581	3,290	19,099	991	23,360	6,414	72,708	18,898
1959	70,247	29,740	15,869	4,616	26,171	1,347	31,759	9,030	98,596	25,519
1960	84,552	38,760	22,068	6,797	36,395	1,547	43,260	10,772	147,170	37,469
1961	126,542	54,262	34,613	12,530	57,086	2,245	63,709	16,437	236,164	57,707
1962	198,558	85,352	43,719	13,861	72,102	3,344	84,709	24,943	253,435	64,330
1963	580,138	255,252	116,797	33,149	192,624	9,828	234,926	73,256	610,277	160,624
1964	1,094,365	501,858	209,462	55,445	345,446	18,442	429,605	137,769	1,026,066	276,118
1965	1,908,076	947,523	385,533	103,757	635,825	32,819	786,986	244,587	1,913,090	512,862
1966	3,960,302	2,150,972	812,655	215,858	1,340,235	69,325	1,664,584	517,269	3,943,586	1,062,417
1967	4,976,538	4,100,531	1,077,422	296,069	1,776,892	88,301	2,182,240	653,250	5,821,681	1,550,239
1968	5,924,474	3,998,942	1,350,742	368,156	2,227,646	107,350	2,738,009	783,940	7,982,824	2,122,940
1969	5,822,708	3,079,426	1,690,259	539,851	2,787,631	121,303	3,256,507	865,455	10,898,185	2,769,647
1970	5,032,959	3,277,778	2,050,788	695,345	3,382,251	106,381	3,872,367	736,775	13,795,809	3,457,109
1971	2,577,507	2,146,954	1,071,523	338,581	1,767,179	48,337	2,087,223	347,057	8,137,053	1,987,120
1972	973,436	283,257	331,759	92,079	547,138	19,134	668,550	134,360	2,691,137	697,957
1973	354,407	914,303	158,579	82,223	261,557	6,304	238,094	46,102	1,760,570	403,582
1974	451,450	280,861	259,175	74,113	427,433	8,143	518,453	59,145	1,617,394	425,927
1975	253,438	246,492	193,632	52,821	319,337	4,954	392,110	33,995	1,533,664	407,913
1976	237,539	255,238	136,751	37,235	225,529	4,245	277,807	31,002	962,280	255,901
1977	199,554	371,469	91,384	25,858	150,711	3,757	183,609	26,834	591,445	155,537
1978	302,111	470,176	78,573	22,226	129,584	5,233	157,815	38,654	428,989	111,769
1979	357,678	938,985	81,807	21,795	134,915	5,965	166,931	44,410	403,569	108,408
1980	1,867,517	1,777,294	423,755	113,166	698,855	32,435	864,104	240,899	2,040,757	548,085
1981	(158,728)	610,795	(47,102)	(8,865)	(77,678)	(2,576)	(102,568)	(19,588)	(143,875)	(43,557)
1982	1,557,934	861,928	298,770	78,903	492,728	26,237	613,587	196,672	1,421,407	388,261
1983	2,062,512	521,349	396,033	115,678	653,134	34,699	803,945	259,939	2,126,313	581,672
1984	1,518,361	295,783	297,559	85,097	490,731	27,272	606,124	188,562	1,546,628	423,408
1985	896,226	158,810	217,115	62,532	358,064	13,104	441,299	107,533	1,116,949	305,291
1986	841,555	104,860	221,194	58,152	364,790	9,038	454,702	93,309	1,048,625	286,302
1987	333,052	105,625	166,099	43,992	273,928	5,566	340,485	40,716	783,725	213,202
1988	259,234	174,155	65,831	22,723	108,570	3,384	128,339	26,743	429,498	113,644
1989	1,045,999	434,394	323,138	97,036	532,920	16,777	649,616	125,344	1,375,722	372,048
1990	678,053	374,313	332,566	97,789	548,468	7,335	672,344	67,179	1,509,745	409,710
1991	831,687	401,961	367,196	120,925	605,579	11,966	733,443	92,625	1,979,364	540,210
1992	633,272	356,952	270,826	131,328	446,647	9,556	501,634	76,760	2,093,387	573,386
1993	634,283	332,089	222,347	171,095	366,700	10,194	353,470	73,955	3,848,084	1,046,752
1994	467,409	165,607	132,599	93,839	218,685	7,255	218,494	53,209	2,347,599	637,733
1995	459,990	293,308	132,690	78,390	218,835	7,436	232,377	54,544	1,960,100	530,656
1996	299,764	206,742	110,520	44,965	182,270	4,885	211,872	35,808	4,024,655	972,829
1997	438,898	249,699	103,382	24,640	170,497	7,397	214,534	54,452	2,892,626	397,103
1998	234,379	202,650	62,492	41,136	103,063	3,989	106,009	29,551	3,683,353	303,255
1999	268,224	175,939	89,312	40,069	147,294	4,812	167,592	35,399	5,733,587	235,054
2000	139,035	77,889	54,795	23,903	90,369	2,665	103,194	19,150	14,346,200	171,107
2001	130,754	44,790	50,816	15,641	83,805	2,989	102,254	20,949	20,292,396	96,254
2002	199,807	121,849	40,293	12,884	66,452	3,001	80,478	22,664	9,868,237	133,675
2003	76,592	42,072	24,945	7,688	41,140	1,245	50,028	9,409	4,043,119	54,302
2004	81,688	46,992	23,476	6,416	38,716	1,445	48,028	10,585	2,163,304	42,507
2005	232,323	126,137	47,108	14,116	77,691	4,011	93,862	29,628	1,028,935	71,539
2006	334,422	246,722	68,325	25,180	112,684	5,626	126,956	42,114	2,038,034	113,701
2007	258,891	182,329	57,769	22,068	95,272	4,567	111,771	33,367	2,135,050	108,623
2008	159,067	175,464	70,874	60,890	116,900	2,792	83,144	20,471	3,370,729	263,890
2009	578,474	339,864	153,763	60,390	253,597	9,843	275,836	73,253	4,780,827	271,769
2010	644,944	340,818	193,760	62,827	319,555	10,812	371,109	81,075	5,464,239	285,839
2011	341,198	219,298	230,791	59,404	380,618	5,744	474,843	42,979	7,766,883	287,950
2012	257,613	144,365	343,375	87,824	566,289	5,062	708,509	35,082	12,009,741	445,112
2013	789,946	377,704	348,815	91,411	575,262	15,285	718,195	106,713	34,509,949	488,498
2014	875,295	463,394	248,206	64,409	409,340	15,980	512,246	114,774	30,956,904	409,695
2015	1,055,137	551,459	271,019	69,580	446,961	19,980	559,583	147,636	17,918,289	460,622
2016	1,101,272	914,143	222,597	68,017	367,107	18,773	450,948	139,570	19,706,337	402,587
2017	**1,389,544**	**888,769**	**309,506**	**92,561**	**510,436**	**25,013**	**627,849**	**180,911**	**11,336,624**	**632,965**
2018	1,617,566	899,351	381,231	101,882	628,723	29,364	782,971	212,246	5,711,566	715,887
2019	801,107	562,532	175,859	45,716	290,025	13,645	362,326	102,152	2,934,515	331,647
2020	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0	0	0
TOTAL	**61,837,496**	**39,039,211**	**17,745,231**	**5,605,967**	**29,265,674**	**1,109,320**	**34,992,037**	**8,128,664**	**319,238,576**	**31,322,248**

[d] Costs from Table B-10 allocated to Castaic Lake Water Agency are reduced herein by $14,088 in1978 in accordance with a letter of agreement with the agency.

TABLE B-14 Capital Costs of Transportation Facilities Allocated to Each Contractor (in dollars)

Calendar Year	SOUTHERN CALIFORNIA AREA (continued)				FEATHER RIVER AREA				South Bay Area Future Contractor	Grand Total
	San Gorgonio	Metropolitan[e]	Ventura	Total	Yuba City	Butte	Plumas	Total		
	[31]	[32]	[33]	[34]	[35]	[36]	[37]	[38]	[39]	[40]
1952	962	69,020	370	86,871	0	0	0	0	59	99,353
1953	3,011	217,634	1,187	273,833	0	0	0	0	264	311,812
1954	3,904	279,967	1,496	352,294	0	0	0	0	766	402,143
1955	1,474	111,602	670	140,272	0	0	0	0	969	169,342
1956	2,127	179,335	1,299	225,040	0	0	0	0	9,172	351,551
1957	6,526	516,050	3,367	648,059	0	0	0	0	23,172	1,464,452
1958	11,701	945,684	6,390	1,186,917	0	0	2	2	32,888	2,286,623
1959	15,815	1,364,298	9,894	1,702,901	0	0	14	14	57,918	2,967,412
1960	23,307	1,914,521	12,798	2,379,418	0	0	28	28	123,202	4,660,833
1961	36,153	3,212,125	18,770	3,928,343	0	0	10	10	316,220	8,545,244
1962	40,012	3,543,471	29,069	4,456,905	0	0	32	32	228,202	8,875,171
1963	99,266	11,185,928	86,807	13,638,873	0	0	51	51	528,496	24,610,278
1964	170,012	18,065,455	164,709	22,494,750	0	0	7,791	7,791	590,034	41,736,060
1965	316,082	33,763,577	307,475	41,858,192	0	0	3,139	3,139	332,680	62,664,743
1966	654,194	74,485,027	681,898	91,558,323	0	0	(48)	(48)	783,728	129,110,330
1967	958,406	130,599,417	1,279,076	155,360,062	0	0	47	47	1,479,421	194,146,365
1968	1,314,841	147,502,290	1,360,687	177,782,842	0	0	51,573	51,573	1,254,192	197,978,911
1969	1,726,891	140,096,646	1,085,026	174,739,535	0	0	234,232	234,232	398,183	184,473,490
1970	2,160,122	161,983,078	1,147,609	201,698,371	0	0	16,227	16,227	74,028	207,082,650
1971	1,237,573	133,903,316	738,822	156,388,246	0	0	27,204	27,204	12,457	158,624,739
1972	434,507	43,931,880	66,878	50,872,072	0	0	9	9	13,182	51,936,917
1973	256,711	39,723,010	290,020	44,495,462	0	0	25	25	8,099	45,263,853
1974	264,349	18,896,593	86,362	23,369,399	0	0	45	45	28,570	24,402,166
1975	253,838	16,732,939	83,975	20,509,109	0	0	21	21	8,226	21,318,838
1976	158,850	13,545,451	84,623	16,212,450	0	0	51	51	16,486	17,492,910
1977	96,517	11,769,352	110,833	13,776,859	0	0	28	28	21,181	15,544,382
1978	69,152	15,781,696	174,876	17,770,853	0	0	38	38	28,876	19,073,475
1979	66,847	27,627,424	343,361	30,302,093	0	0	23	23	26,668	31,857,362
1980	337,811	59,493,774	641,586	69,080,039	0	0	26	26	59,169	74,974,704
1981	(26,356)	15,661,179	224,257	15,865,338	0	0	34	34	(6,746)	15,727,602
1982	238,792	30,873,857	316,107	37,365,183	0	0	11	11	16,086	39,705,931
1983	357,812	25,056,047	187,121	33,156,253	0	0	19	19	72,225	38,006,645
1984	260,327	16,317,441	103,160	22,160,455	0	0	26	26	83,252	30,414,886
1985	187,699	10,243,779	56,162	14,164,564	0	0	29	29	16,338	28,581,730
1986	176,057	8,365,310	34,777	12,058,671	0	0	31	31	16,248	41,035,899
1987	131,163	6,955,356	36,142	9,429,050	0	0	32	32	29,062	32,523,660
1988	70,260	6,626,545	57,117	8,086,041	0	0	55	55	50,083	18,140,686
1989	227,772	18,531,680	153,200	23,885,645	0	0	44	44	43,324	33,301,366
1990	251,185	17,430,869	125,376	22,504,929	0	0	63	63	96,419	34,453,743
1991	331,235	20,792,168	132,558	26,940,915	0	0	54	54	149,922	39,811,664
1992	351,492	21,196,762	116,999	26,758,999	0	0	42	42	80,900	35,041,233
1993	646,980	29,471,748	105,693	37,283,389	0	0	30	30	59,324	53,921,787
1994	394,936	16,392,019	50,941	21,180,326	0	0	14	14	34,208	74,225,377
1995	331,286	16,078,395	72,214	20,450,221	0	0	3	3	42,395	191,525,108
1996	1,079,629	23,237,696	49,282	30,460,917	0	0	0	0	21,388	188,829,048
1997	1,914,804	13,530,777	72,335	20,071,144	0	0	3	3	34,976	65,660,155
1998	3,219,136	11,284,364	65,745	19,339,120	0	0	7	7	11,234	32,689,229
1999	5,888,075	9,063,618	54,504	21,903,479	0	0	2	2	34,616	35,159,766
2000	16,301,847	5,393,221	24,010	36,747,384	0	0	24	24	16,912	43,646,866
2001	23,613,431	2,988,800	13,047	47,455,926	0	0	20	20	68,013	50,961,381
2002	11,150,014	5,787,234	39,607	27,526,196	0	0	14	14	382,151	38,657,775
2003	4,505,927	5,783,732	13,689	14,653,890	0	0	0	0	590,294	23,112,883
2004	2,291,776	4,555,521	15,942	9,326,396	0	0	0	0	156,414	15,012,639
2005	816,407	7,322,277	42,941	9,906,976	0	0	0	0	123,949	13,555,798
2006	1,805,626	13,867,322	90,203	18,876,917	0	0	5	5	120,330	21,725,278
2007	2,116,022	11,723,751	65,425	16,914,905	0	0	0	0	266,740	24,261,822
2008	2,807,622	11,885,796	60,480	19,078,119	0	0	4	4	493,279	35,202,241
2009	4,253,381	22,122,930	122,402	33,296,331	0	0	13	13	1,018,936	48,477,206
2010	5,295,528	18,062,434	107,473	31,240,413	0	0	0	0	6,354,657	55,412,806
2011	8,034,523	12,729,103	55,589	30,628,923	0	0	1	1	2,566,271	52,326,660
2012	12,375,165	17,420,517	42,735	44,441,389	0	0	0	0	1,004,833	60,251,441
2013	38,758,009	28,351,615	110,781	105,242,183	0	0	0	0	546,046	120,654,854
2014	35,045,545	21,851,724	126,201	91,093,714	0	0	0	0	(16,925)	99,407,310
2015	19,455,197	43,016,163	170,596	84,142,221	0	0	0	0	277,912	93,157,813
2016	10,342,761	55,738,581	214,717	89,687,410	0	0	0	0	81,484	104,116,919
2017	**5,405,291**	**52,601,147**	**258,270**	**74,258,886**	**0**	**0**	**0**	**0**	**36,341**	**87,166,031**
2018	2,178,612	51,649,959	280,428	65,189,785	0	0	0	0	323,822	78,780,160
2019	1,151,501	32,720,720	179,164	39,670,908	0	0	0	0	111,029	44,737,568
2020	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0	0	0
TOTAL	**234,457,429**	**1,854,122,716**	**12,867,325**	**2,649,731,894**	**0**	**0**	**341,149**	**341,149**	**21,864,249**	**3,671,807,072**

[e] Costs from Table B-10 allocated to The Metropolitan Water District of Southern California are reduced herein by $16,425,374 in 1972 under provisions of Amendment 7 to its water supply contract.

TABLE B-15 Capital Cost Component of Transportation Charge for Each Contractor (in dollars)[a,b,c]

Sheet 1 of 4

Calendar Year	NORTH BAY AREA			SOUTH BAY AREA				CENTRAL COASTAL AREA		
	Napa	Solano	Total	Alameda-Zone 7	Alameda County	Santa Clara	Total	San Luis Obispo	Santa Barbara	Total
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]
1961	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	153,778	105,673	364,827	624,278	0	0	0
1964	0	0	0	216,203	170,929	530,036	917,168	6,696	21,667	28,363
1965	0	0	0	284,369	259,943	899,371	1,443,684	13,756	36,029	49,785
1966	18,063	0	18,063	320,384	290,808	1,073,270	1,684,462	26,524	61,349	87,873
1967	41,574	0	41,574	391,262	320,989	1,187,619	1,899,870	56,469	118,263	174,731
1968	121,509	0	121,509	507,987	361,935	1,309,946	2,179,868	104,160	208,037	312,197
1969	165,289	0	165,289	610,320	397,386	1,411,701	2,419,407	122,043	242,426	364,469
1970	169,077	0	169,077	644,726	412,322	1,450,660	2,507,708	125,963	250,808	376,771
1971	171,286	0	171,286	651,690	415,439	1,457,564	2,524,693	128,402	256,371	384,773
1972	172,649	0	172,649	653,292	416,368	1,461,847	2,531,506	129,861	260,482	390,343
1973	173,649	31,366	205,015	654,759	417,018	1,465,086	2,536,863	130,843	263,040	393,883
1974	176,527	32,938	209,466	655,864	417,636	1,467,092	2,540,591	132,015	265,901	397,916
1975	184,973	36,291	221,264	658,384	418,879	1,470,816	2,548,078	133,290	269,028	402,318
1976	189,650	40,836	230,485	659,811	419,684	1,472,924	2,552,418	134,041	272,155	406,196
1977	192,592	45,096	237,688	662,613	421,449	1,478,507	2,562,568	135,754	278,799	414,553
1978	195,860	49,178	245,038	666,364	423,747	1,485,299	2,575,410	141,271	292,281	433,552
1979	199,390	53,340	252,730	671,832	427,108	1,494,207	2,593,148	142,362	297,569	439,930
1980	209,132	67,748	276,880	675,794	429,296	1,499,843	2,604,932	143,530	303,969	447,499
1981	222,599	87,408	310,007	686,138	435,629	1,515,357	2,637,124	148,789	327,544	476,333
1982	234,191	106,918	341,110	684,198	434,108	1,512,014	2,630,321	148,004	320,657	468,660
1983	262,160	151,259	413,419	685,644	434,532	1,513,393	2,633,568	148,213	317,658	465,870
1984	326,072	224,245	550,317	696,867	441,230	1,530,671	2,668,768	149,853	323,275	473,127
1985	455,836	364,305	820,141	709,462	448,410	1,548,594	2,706,466	151,658	328,761	480,419
1986	819,636	692,479	1,512,115	711,533	449,390	1,551,318	2,712,242	152,545	332,779	485,324
1987	1,360,688	1,559,243	2,919,931	714,293	451,007	1,555,828	2,721,129	154,805	348,472	503,277
1988	1,771,651	2,208,121	3,979,772	718,680	453,514	1,562,985	2,735,179	161,346	417,591	578,937
1989	1,891,484	2,433,160	4,324,645	727,688	459,332	1,578,655	2,765,675	169,453	494,247	663,699
1990	1,955,330	2,514,151	4,469,481	735,864	464,692	1,592,216	2,792,772	177,387	557,384	734,771
1991	1,978,582	2,557,403	4,535,985	752,972	476,459	1,625,032	2,854,463	189,050	639,235	828,285
1992	1,983,860	2,562,121	4,545,981	783,571	496,722	1,675,047	2,955,340	204,822	754,678	959,500
1993	1,986,897	2,565,427	4,552,324	797,930	505,773	1,698,585	3,002,289	224,056	941,300	1,165,356
1994	1,993,467	2,572,330	4,565,797	808,361	512,498	1,716,961	3,037,820	286,878	1,585,162	1,872,040
1995	1,997,323	2,576,836	4,574,159	812,837	515,639	1,729,387	3,057,862	517,412	4,095,799	4,613,211
1996	1,998,994	2,578,433	4,577,427	820,741	520,936	1,743,439	3,085,117	1,187,010	12,569,247	13,756,257
1997	2,000,110	2,579,484	4,579,594	824,791	523,583	1,750,461	3,098,835	1,808,545	20,578,178	22,386,724
1998	2,001,225	2,585,478	4,586,703	831,521	527,976	1,762,113	3,121,611	1,985,644	22,700,288	24,685,933
1999	2,002,204	2,586,690	4,588,893	833,750	529,331	1,765,656	3,128,737	2,035,260	23,293,767	25,329,027
2000	2,006,043	2,592,730	4,598,773	995,060	533,508	1,777,485	3,306,054	2,088,005	23,838,744	25,926,748
2001	2,326,959	2,783,054	5,110,013	1,129,600	535,165	1,782,101	3,446,866	2,116,046	24,156,352	26,272,398
2002	2,327,398	2,783,894	5,111,292	1,144,002	550,866	1,890,059	3,584,927	2,120,253	24,187,702	26,307,955
2003	2,328,742	2,786,703	5,115,446	1,229,165	621,150	2,236,683	4,086,998	2,124,324	24,210,510	26,334,833
2004	2,332,426	2,787,997	5,120,423	1,363,189	700,643	2,512,474	4,576,306	2,125,494	24,217,560	26,343,054
2005	2,342,974	2,789,335	5,132,309	1,399,982	721,599	2,761,150	4,882,731	2,126,238	24,220,734	26,346,972
2006	2,347,226	2,793,568	5,140,793	1,435,499	742,505	2,855,962	5,033,966	2,126,116	24,210,804	26,336,921
2007	2,410,261	2,794,938	5,205,199	1,470,671	763,106	2,906,021	5,139,797	2,126,644	24,214,870	26,341,514
2008	2,644,076	2,797,935	5,442,011	1,551,173	809,662	3,017,673	5,378,509	2,127,678	24,220,221	26,347,899
2009	3,225,451	2,802,260	6,027,711	1,702,818	897,252	3,227,237	5,827,307	2,129,520	24,226,659	26,356,180
2010	3,315,236	2,803,627	6,118,864	2,019,588	1,082,010	3,667,829	6,769,428	2,130,099	24,231,578	26,361,677
2011	3,345,630	2,803,872	6,149,502	2,738,611	1,318,824	4,260,316	8,317,751	2,135,205	24,241,069	26,376,274
2012	3,360,757	2,806,902	6,167,659	3,260,311	1,583,400	4,898,039	9,741,750	2,142,782	24,257,291	26,400,073
2013	3,399,861	2,839,745	6,239,606	3,399,722	1,664,856	5,007,406	10,071,984	2,148,174	24,281,035	26,429,210
2014	3,453,831	2,893,117	6,346,948	3,474,962	1,690,277	5,123,939	10,289,178	2,160,295	24,351,739	26,512,034
2015	3,503,780	2,946,007	6,449,786	3,374,007	1,588,262	4,739,810	9,702,079	2,178,117	24,453,526	26,631,643
2016	3,499,646	2,967,809	6,467,456	3,418,675	1,606,440	4,688,045	9,713,161	2,184,672	24,532,606	26,717,277
2017	**3,478,545**	**2,977,737**	**6,456,281**	**3,368,386**	**1,590,219**	**4,607,890**	**9,566,495**	**2,208,974**	**24,674,025**	**26,882,999**
2018	3,389,707	2,982,082	6,371,789	3,259,558	1,555,230	4,499,815	9,314,603	2,194,548	24,697,077	26,891,625
2019	3,351,709	3,008,822	6,360,531	3,232,855	1,559,047	4,494,501	9,286,403	2,205,229	24,790,797	26,996,026
2020	3,354,166	3,024,110	6,378,276	3,216,641	1,551,851	4,474,845	9,243,337	2,215,707	24,848,456	27,064,162
2021	3,351,634	3,024,110	6,375,744	3,209,443	1,548,734	4,467,940	9,226,118	2,213,268	24,842,893	27,056,161
2022	3,350,074	3,024,110	6,374,184	3,208,067	1,547,806	4,463,657	9,219,531	2,211,809	24,838,782	27,050,591
2023	3,348,931	2,990,578	6,339,508	3,206,658	1,547,156	4,460,418	9,214,232	2,210,827	24,836,224	27,047,051
2024	3,345,650	2,988,944	6,334,594	3,205,596	1,546,538	4,458,412	9,210,546	2,209,655	24,833,363	27,043,018
2025	3,336,035	2,985,367	6,321,402	3,203,260	1,545,295	4,454,688	9,203,243	2,208,380	24,830,237	27,038,616
2026	3,330,691	2,980,613	6,311,304	3,201,786	1,544,490	4,452,580	9,198,856	2,207,629	24,827,109	27,034,738
2027	3,327,320	2,976,178	6,303,498	3,198,799	1,542,725	4,446,998	9,188,521	2,205,916	24,820,465	27,026,381
2028	3,323,580	2,971,919	6,295,499	3,194,790	1,540,427	4,440,205	9,175,421	2,200,399	24,806,983	27,007,382
2029	3,319,543	2,967,551	6,287,094	3,188,792	1,537,065	4,431,297	9,157,155	2,199,308	24,801,695	27,001,004
2030	3,308,386	2,952,089	6,260,475	3,184,596	1,534,878	4,425,661	9,145,135	2,198,140	24,795,295	26,993,435
2031	3,292,970	2,931,023	6,223,992	3,173,113	1,528,545	4,410,147	9,111,805	2,192,881	24,771,720	26,964,601
2032	3,279,673	2,910,078	6,189,751	3,175,629	1,530,065	4,413,490	9,119,185	2,193,666	24,778,608	26,972,274
2033	3,247,613	2,862,627	6,110,240	3,174,388	1,529,642	4,412,111	9,116,141	2,193,457	24,781,606	26,975,063
2034	3,174,517	2,786,011	5,960,527	3,161,965	1,522,944	4,394,834	9,079,742	2,191,817	24,775,989	26,967,807
2035	3,026,373	2,639,709	5,666,082	3,148,119	1,515,764	4,376,910	9,040,793	2,190,012	24,770,503	26,960,515
TOTAL	**140,730,943**	**137,619,435**	**278,350,378**	**120,095,749**	**62,335,315**	**195,846,955**	**378,278,019**	**89,948,990**	**977,799,023**	**1,067,748,013**

[a] Unadjusted for prior overpayments or underpayments of charges.
[b] Determined at the current Project Interest Rate of 4.610 percent per annum.
[c] Reflects the transfers of permanent aqueduct capacity among contractors.

TABLE B-15 Capital Cost Component of Transportation Charge for Each Contractor (in dollars) [a,b,c]

Calendar Year	SAN JOAQUIN VALLEY AREA									
				Kern						
	Dudley Ridge	Empire	Future Contractor San Joaquin Valley	Municipal and Industrial	Municipal and Industrial[d]	Agricultural	Kings	Oak Flat	Tulare	Total
	[11]	[12]	[13]	[14]	[15]	[16]	[17]	[18]	[19]	[20]
1961	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0
1964	0	0	2,725	0	0	0	0	0	0	2,725
1965	0	0	6,029	64,284	9,284	0	0	0	0	79,598
1966	0	0	12,039	120,256	17,073	0	0	0	0	149,368
1967	0	0	26,257	233,262	34,350	0	0	0	0	293,869
1968	80,541	1,907	48,950	335,771	48,966	437,900	9,407	4,950	67,937	1,036,329
1969	80,682	5,720	57,418	392,005	52,536	899,308	10,158	5,380	257,051	1,760,257
1970	88,426	5,720	59,224	423,404	53,922	1,093,828	10,446	5,595	190,223	1,930,788
1971	100,817	5,720	60,329	444,522	54,712	1,452,791	10,612	6,026	202,424	2,337,953
1972	112,644	5,720	60,945	454,227	55,075	2,175,428	10,694	11,548	624,464	3,510,744
1973	123,909	5,720	61,370	458,449	55,248	2,509,025	10,736	6,672	241,533	3,472,662
1974	188,060	5,720	61,890	460,485	55,349	2,809,736	10,770	7,470	400,905	4,000,384
1975	228,415	5,720	62,452	462,798	55,490	3,365,290	10,812	7,696	478,375	4,677,048
1976	174,154	5,720	62,720	464,655	55,679	3,627,755	10,853	8,692	342,219	4,752,446
1977	171,219	5,720	63,362	467,359	55,965	3,974,977	10,914	7,963	327,206	5,084,685
1978	183,047	0	65,796	469,216	56,156	4,418,522	11,019	8,393	351,053	5,563,203
1979	217,088	5,720	66,111	471,978	56,491	4,851,732	11,086	8,608	395,093	6,083,907
1980	230,921	5,720	66,399	474,721	56,828	5,294,333	11,157	12,267	397,638	6,549,984
1981	230,921	5,720	67,986	491,115	58,770	5,794,252	11,565	9,254	421,486	7,091,069
1982	230,921	5,720	67,996	488,835	58,707	6,255,660	11,552	9,685	444,778	7,573,855
1983	241,622	5,720	68,332	493,076	59,377	6,780,957	11,685	8,113	52,952	7,721,835
1984	254,013	5,720	68,950	498,702	60,083	7,117,422	11,834	10,330	347,232	8,374,286
1985	265,841	5,720	69,678	506,586	61,243	7,578,817	12,069	10,545	252,609	8,763,109
1986	277,668	5,720	69,966	508,983	61,587	7,701,383	12,141	10,976	539,058	9,187,482
1987	289,496	5,720	70,471	512,652	62,116	8,502,556	12,251	11,191	562,351	10,028,804
1988	301,324	5,720	70,832	515,513	62,526	8,937,644	12,334	11,621	585,643	10,503,156
1989	313,151	5,720	71,717	519,169	63,150	9,251,501	12,501	12,052	609,490	10,858,451
1990	162,490	5,720	73,153	537,527	65,389	9,577,588	12,936	12,267	657,185	11,104,256
1991	300,822	5,720	75,796	566,573	69,966	9,577,588	13,762	12,267	657,185	11,279,680
1992	324,979	5,720	78,990	597,260	74,817	9,577,588	14,756	12,267	657,185	11,343,562
1993	324,979	5,720	80,482	610,123	76,657	9,577,588	15,124	12,267	657,185	11,360,125
1994	324,979	5,720	82,105	619,494	77,936	9,577,588	15,397	12,267	657,185	11,372,671
1995	324,979	5,720	83,398	626,231	78,890	9,577,588	15,608	12,267	657,185	11,381,866
1996	300,592	5,720	87,367	635,384	80,221	9,248,813	15,961	12,267	657,185	11,043,511
1997	300,592	5,720	90,231	639,177	80,707	9,181,391	16,133	12,267	657,185	10,983,402
1998	300,591	5,720	92,940	652,602	82,732	8,928,998	16,588	12,267	657,185	10,749,624
1999	300,591	5,720	94,237	659,509	83,778	8,928,998	16,823	12,267	657,185	10,759,109
2000	300,591	5,720	95,750	667,629	85,008	8,282,917	17,096	12,267	657,185	10,124,164
2001	300,591	5,720	96,315	670,255	85,354	8,147,788	17,172	12,267	657,185	9,992,646
2002	323,398	5,720	96,772	672,352	85,648	8,147,788	17,237	12,267	617,226	9,978,407
2003	323,398	5,720	97,882	681,983	87,121	8,147,788	17,536	12,267	614,946	9,988,641
2004	323,398	5,720	98,185	684,250	87,449	8,135,401	46,093	12,267	530,040	9,922,803
2005	323,398	5,720	98,434	686,336	87,746	8,135,401	46,156	12,267	530,040	9,925,497
2006	323,398	5,720	99,039	692,288	88,653	8,135,401	48,078	12,267	528,303	9,933,147
2007	323,398	5,720	99,161	694,170	88,828	8,135,401	48,114	12,267	528,303	9,935,362
2008	323,398	5,720	99,425	696,491	89,095	8,135,401	48,169	12,267	528,303	9,938,269
2009	323,398	5,720	100,163	703,240	90,159	8,135,401	48,387	12,267	528,303	9,947,038
2010	283,973	5,720	100,377	706,442	90,429	7,958,283	48,442	12,267	488,415	9,694,348
2011	283,973	5,720	102,807	711,003	90,909	7,958,283	48,614	12,267	488,415	9,701,991
2012	283,973	5,720	106,295	715,938	91,575	7,958,283	48,857	12,267	488,415	9,711,323
2013	283,973	5,720	107,944	722,296	92,415	7,958,283	49,051	12,267	488,415	9,720,364
2014	272,748	5,720	110,315	750,243	96,291	7,958,283	49,852	12,267	480,147	9,735,866
2015	255,852	5,720	114,147	713,283	90,997	7,958,283	50,793	12,267	480,147	9,681,489
2016	255,852	5,720	112,718	676,928	85,841	7,958,283	51,403	12,267	480,147	9,639,159
2017	**280,240**	**5,720**	**117,775**	**610,003**	**74,953**	**8,344,206**	**53,159**	**12,267**	**480,147**	**9,978,471**
2018	280,240	5,720	107,494	566,636	68,686	8,344,206	45,559	12,267	480,147	9,910,956
2019	280,240	5,720	107,567	570,383	71,006	8,344,206	46,137	12,267	480,147	9,917,673
2020	257,710	5,720	109,966	559,222	72,243	8,344,206	46,449	12,267	480,147	9,887,930
2021	257,710	5,720	108,862	538,104	71,452	8,344,206	46,283	12,267	480,147	9,864,751
2022	257,710	5,720	108,246	528,399	71,090	8,344,206	46,201	12,267	480,147	9,853,986
2023	257,710	5,720	107,821	524,178	70,916	8,344,206	46,158	12,267	480,147	9,849,123
2024	257,710	5,720	107,301	522,142	70,815	8,344,206	46,124	12,267	480,147	9,846,432
2025	257,710	5,720	106,739	519,828	70,675	8,344,206	46,083	12,267	480,147	9,843,374
2026	257,710	5,720	106,471	517,971	70,486	8,344,206	46,042	12,267	480,147	9,841,020
2027	257,710	5,720	105,829	515,268	70,199	8,344,206	45,980	12,267	480,147	9,837,326
2028	257,710	5,720	103,395	513,410	70,008	8,344,206	45,875	12,267	480,147	9,832,738
2029	257,710	5,720	103,080	510,648	69,673	8,344,206	45,809	12,267	480,147	9,829,260
2030	257,710	5,720	102,792	507,905	69,336	8,344,206	45,738	12,267	480,147	9,825,821
2031	257,710	5,720	101,205	491,511	67,395	8,344,206	45,329	12,267	480,147	9,805,490
2032	257,710	5,720	101,195	493,791	67,457	8,344,206	45,342	12,267	480,147	9,807,835
2033	257,710	5,720	100,858	489,550	66,788	8,344,206	45,210	12,267	480,147	9,802,455
2034	257,710	5,720	100,241	483,924	66,081	8,344,206	45,061	12,267	480,147	9,795,357
2035	257,710	5,720	99,513	476,040	64,922	8,344,206	44,825	12,267	480,147	9,785,349
TOTAL	**17,423,264**	**379,427**	**6,050,720**	**38,659,946**	**4,929,478**	**494,371,127**	**1,978,096**	**759,309**	**32,900,298**	**597,451,665**

[a] Unadjusted for prior overpayments or underpayments of charges.
[b] Determined at the current Project Interest Rate of 4.610 percent per annum.
[c] Reflects the transfers of permanent aqueduct capacity among contractors.
[d] Charges under Amendment No. 18 of the water supply contract with Kern County Water Agency.

TABLE B-15 Capital Cost Component of Transportation Charge for Each Contractor (in dollars) [a,b,c]

Sheet 3 of 4

Calendar Year	SOUTHERN CALIFORNIA AREA									
	AVEK	Castaic Lake	Coachella	Crestline	Desert	Littlerock	Mojave	Palmdale	San Bernardino	San Gabriel
	[21]	[22]	[23]	[24]	[25]	[26]	[27]	[28]	[29]	[30]
1961	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0	0
1963	34,411	0	0	0	726	0	0	0	51,729	0
1964	64,494	27,447	19,542	4,370	38,211	1,143	30,324	8,205	82,811	34,987
1965	121,484	53,007	34,348	7,194	42,701	2,082	53,730	15,222	135,069	35,344
1966	221,012	101,264	62,476	12,478	76,886	3,753	96,944	27,679	232,502	61,465
1967	427,622	210,814	121,269	23,472	148,839	7,284	188,141	54,023	433,350	115,574
1968	689,327	420,406	206,952	38,551	245,877	11,781	311,846	87,293	729,849	194,527
1969	1,003,797	624,866	318,583	57,301	368,426	17,249	468,342	127,219	1,136,415	302,649
1970	1,312,832	782,035	451,031	84,796	520,243	23,427	651,828	171,297	1,691,461	443,708
1971	1,581,850	949,590	595,102	120,210	700,914	28,845	864,650	208,821	2,394,083	619,778
1972	1,720,363	1,060,176	671,098	137,454	795,465	31,306	980,825	226,497	2,808,504	720,983
1973	1,772,377	1,075,176	696,065	142,143	825,044	32,281	1,018,759	233,340	2,945,564	756,530
1974	1,791,355	1,122,258	707,278	146,331	839,031	32,602	1,032,858	235,688	3,035,230	777,084
1975	1,815,881	1,137,517	724,295	150,105	861,611	33,017	1,062,188	238,700	3,117,604	798,777
1976	1,829,760	1,150,522	736,112	152,796	878,290	33,269	1,083,591	240,431	3,195,714	819,552
1977	1,842,615	1,164,117	744,718	154,692	890,124	33,485	1,099,294	242,010	3,244,723	832,585
1978	1,853,320	1,183,798	750,463	156,009	898,031	33,676	1,110,253	243,377	3,274,845	840,506
1979	1,869,355	1,208,488	756,140	157,141	904,987	33,943	1,120,086	245,346	3,296,693	846,199
1980	1,888,324	1,257,072	762,012	158,251	912,220	34,247	1,130,426	247,607	3,317,247	851,720
1981	1,987,339	1,348,448	796,384	164,015	950,529	35,899	1,180,521	259,877	3,421,183	879,634
1982	1,978,809	1,380,348	789,720	163,563	945,667	35,768	1,174,972	258,879	3,413,856	877,416
1983	2,061,590	1,425,149	809,319	167,582	971,692	37,104	1,209,272	268,895	3,486,248	897,190
1984	2,171,231	1,452,273	834,564	173,473	1,006,034	38,871	1,249,189	282,134	3,594,542	926,815
1985	2,251,676	1,468,130	851,720	177,807	1,031,452	40,260	1,282,056	291,738	3,673,311	948,379
1986	2,299,323	1,477,004	863,875	180,992	1,049,921	40,927	1,314,961	297,214	3,730,198	963,927
1987	2,344,046	1,483,175	876,261	183,970	1,068,826	41,390	1,331,125	301,992	3,783,895	978,588
1988	2,362,143	1,489,362	885,509	186,235	1,083,080	41,677	1,350,100	304,089	3,824,257	989,568
1989	2,376,030	1,498,925	889,631	187,412	1,088,857	41,852	1,357,872	305,475	3,846,509	995,456
1990	2,432,706	1,522,133	912,986	192,472	1,118,024	42,727	1,395,024	312,010	3,918,238	1,014,854
1991	2,469,661	1,541,780	932,659	197,604	1,147,282	43,112	1,431,131	315,536	3,997,480	1,036,359
1992	2,514,880	1,563,026	953,475	203,996	1,179,589	43,744	1,470,418	320,432	4,102,102	1,064,912
1993	2,549,874	1,582,033	969,784	210,989	1,203,773	44,253	1,497,825	324,519	4,213,571	1,095,444
1994	2,585,113	1,599,855	983,985	220,171	1,223,934	44,800	1,517,631	328,488	4,420,076	1,151,617
1995	2,611,217	1,608,815	992,587	225,248	1,236,069	45,193	1,529,979	331,367	4,547,097	1,186,123
1996	2,637,094	1,624,823	1,001,843	229,526	1,248,440	45,599	1,543,405	334,344	4,654,074	1,215,084
1997	2,654,359	1,636,210	1,010,118	232,003	1,258,944	45,868	1,555,881	336,316	4,875,746	1,268,666
1998	2,679,335	1,650,097	1,017,568	233,373	1,268,786	46,279	2,081,362	339,344	5,036,613	1,290,750
1999	2,692,811	1,661,482	1,022,130	235,684	1,274,800	46,503	2,088,636	341,005	5,243,553	1,307,788
2000	2,708,447	2,815,439	1,028,194	237,960	1,283,376	46,776	2,099,391	405,580	5,569,174	1,321,137
2001	2,716,761	2,821,380	1,032,076	239,333	1,288,723	46,930	2,106,233	406,784	6,393,264	1,330,966
2002	2,741,763	2,824,673	1,035,440	240,242	1,293,682	47,103	2,112,683	408,058	7,573,077	1,336,562
2003	2,753,701	2,833,188	1,038,552	241,001	1,297,752	47,280	2,118,334	409,493	8,154,205	1,344,434
2004	2,758,437	2,836,411	1,096,866	241,460	1,300,295	47,354	2,121,831	410,112	8,395,547	1,347,676
2005	2,763,549	2,840,340	6,717,581	241,849	2,061,704	47,442	2,125,380	410,828	8,526,549	1,350,250
2006	2,778,221	2,851,092	6,786,588	242,717	2,075,530	47,688	2,133,081	412,875	8,589,816	1,354,649
2007	2,800,019	2,876,703	6,915,867	244,290	2,099,752	48,040	2,145,806	416,072	8,717,179	1,361,754
2008	2,817,158	2,895,362	7,040,664	245,693	2,122,376	48,330	2,156,268	418,587	8,852,927	1,368,660
2009	2,827,654	2,911,185	7,132,465	249,637	2,141,770	48,511	2,162,362	419,994	9,071,215	1,385,750
2010	2,867,627	2,947,603	7,519,118	253,625	2,242,177	49,161	2,228,748	425,861	9,386,944	1,403,698
2011	2,913,247	2,983,881	7,693,412	257,862	2,286,106	49,890	2,263,565	432,482	9,755,432	1,422,974
2012	2,938,447	3,005,275	7,841,203	261,958	2,330,453	50,287	2,300,972	435,994	10,291,040	1,442,831
2013	2,924,175	3,018,765	8,028,589	268,161	2,378,543	50,644	2,353,421	438,747	11,087,568	1,461,168
2014	2,973,143	3,017,174	8,346,432	270,415	2,452,635	50,609	2,376,814	438,251	13,557,310	1,488,388
2015	2,983,474	3,028,432	8,500,428	272,390	2,485,341	50,860	2,410,975	439,905	15,811,105	1,504,844
2016	2,967,766	3,029,346	9,035,847	272,444	2,559,493	50,722	2,415,101	439,012	17,088,653	1,514,070
2017	**2,850,660**	**2,981,887**	**9,720,258**	**266,840**	**2,615,322**	**48,679**	**2,355,978**	**422,887**	**18,449,195**	**1,491,859**
2018	2,705,915	2,785,180	10,110,795	259,353	2,621,898	46,233	2,271,998	401,990	19,082,579	1,464,824
2019	2,533,951	2,585,253	10,315,539	249,280	2,592,603	43,267	2,167,586	376,514	19,162,432	1,417,670
2020	2,298,625	2,422,203	10,219,641	225,841	2,470,114	38,299	2,044,434	336,090	18,867,722	1,306,034
2021	2,029,608	2,175,124	9,547,418	190,427	2,218,104	32,881	1,791,485	292,700	18,165,100	1,129,963
2022	1,891,095	2,015,589	8,639,479	173,183	2,011,178	30,419	1,655,048	271,850	17,750,679	1,028,759
2023	1,839,081	2,007,864	7,935,719	168,493	1,889,910	29,445	1,609,651	263,813	17,613,619	993,212
2024	1,820,103	1,948,990	7,819,152	164,306	1,861,692	29,124	1,593,116	261,002	17,523,953	972,657
2025	1,795,577	1,931,126	7,703,898	160,531	1,825,843	28,709	1,561,345	257,426	17,441,579	950,965
2026	1,781,698	1,912,878	7,600,029	157,841	1,796,730	28,457	1,538,629	255,407	17,363,469	930,190
2027	1,768,843	1,894,367	7,523,677	155,945	1,775,745	28,241	1,522,190	253,595	17,314,460	917,157
2028	1,758,138	1,866,531	7,486,460	154,628	1,763,587	28,049	1,511,329	252,078	17,284,338	909,235
2029	1,742,103	1,828,217	7,454,130	153,496	1,753,031	27,783	1,500,944	249,866	17,262,490	903,543
2030	1,723,134	1,751,004	7,427,543	152,386	1,743,000	27,479	1,490,044	247,352	17,241,936	898,022
2031	1,624,119	1,607,951	7,288,932	146,622	1,690,611	25,827	1,428,048	233,189	17,138,000	870,108
2032	1,632,648	1,556,445	7,301,735	147,074	1,696,302	25,958	1,439,276	234,822	17,145,327	872,326
2033	1,549,867	1,483,894	7,220,204	143,055	1,661,911	24,622	1,401,865	224,156	17,072,935	852,552
2034	1,440,226	1,441,658	7,107,648	137,163	1,615,776	22,855	1,353,787	210,167	16,964,642	822,927
2035	1,359,782	1,419,936	7,023,722	132,829	1,581,340	21,466	1,320,104	200,270	16,885,872	801,363
TOTAL	**151,878,176**	**129,693,969**	**277,986,903**	**13,089,737**	**102,187,729**	**2,610,634**	**109,053,264**	**21,120,220**	**615,457,274**	**72,413,715**

[a] Unadjusted for prior overpayments or underpayments of charges.
[b] Determined at the current Project Interest Rate of 4.610 percent per annum.
[c] Reflects the transfers of permanent aqueduct capacity among contractors.

TABLE B-15 Capital Cost Component of Transportation Charge for Each Contractor (in dollars) [a,b,c]

Sheet 4 of 4

Calendar Year	SOUTHERN CALIFORNIA AREA (continued)				FEATHER RIVER AREA				South Bay Area Future Contractor	Grand Total
	San Gorgonio	Metropolitan	Ventura	Total	Yuba City	Butte	Plumas	Total		
	[31]	[32]	[33]	[34]	[35]	[36]	[37]	[38]	[39]	[40]
1961	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0	0
1963	0	690,812	0	777,678	0	0	0	0	0	1,401,957
1964	21,735	1,260,513	9,378	1,603,161	0	0	0	0	0	2,551,416
1965	21,866	2,180,589	17,766	2,720,401	0	0	405	405	0	4,293,872
1966	37,964	3,900,172	33,426	4,868,023	0	0	565	565	0	6,808,355
1967	71,283	7,693,703	68,155	9,563,529	0	0	562	562	0	11,974,135
1968	120,094	14,345,147	133,299	17,534,951	0	0	564	564	0	21,185,417
1969	187,059	21,857,456	202,599	26,671,961	0	0	3,191	3,191	0	31,384,573
1970	275,010	28,992,595	257,859	35,658,122	0	0	15,121	15,121	0	40,657,587
1971	385,025	37,242,413	316,307	46,007,589	0	0	15,947	15,947	0	51,442,241
1972	448,055	44,062,125	353,935	54,016,785	0	0	17,332	17,332	0	60,639,360
1973	470,185	46,299,581	357,342	56,624,384	0	0	17,333	17,333	0	63,250,141
1974	483,259	48,322,678	372,112	58,897,764	0	0	17,334	17,334	0	66,063,456
1975	496,722	49,285,084	376,511	60,098,012	0	0	17,337	17,337	0	67,964,056
1976	509,650	50,137,295	380,788	61,147,768	0	0	17,338	17,338	0	69,106,652
1977	517,741	50,827,166	385,097	61,978,368	0	0	17,340	17,340	0	70,295,202
1978	522,656	51,426,581	390,742	62,684,258	0	0	17,342	17,342	0	71,518,803
1979	526,178	52,230,344	399,649	63,594,548	0	0	17,344	17,344	0	72,981,607
1980	529,583	53,637,412	417,136	65,143,257	0	0	17,345	17,345	0	75,039,897
1981	546,787	56,667,437	449,812	68,687,865	0	0	17,346	17,346	0	79,219,744
1982	545,445	57,465,063	461,234	69,490,738	0	0	17,348	17,348	0	80,522,031
1983	557,607	59,037,472	477,333	71,406,454	0	0	17,348	17,348	0	82,658,494
1984	575,830	60,313,580	486,863	73,105,397	0	0	17,349	17,349	0	85,189,245
1985	589,089	61,144,629	492,117	74,242,363	0	0	17,351	17,351	0	87,029,847
1986	598,648	61,666,346	494,977	74,978,314	0	0	17,352	17,352	0	88,892,829
1987	607,664	62,094,710	496,758	75,592,400	0	0	17,354	17,354	0	91,782,895
1988	614,418	62,452,912	498,619	76,081,971	0	0	17,355	17,355	0	93,896,370
1989	618,059	62,796,236	501,579	76,503,893	0	0	17,358	17,358	0	95,133,721
1990	629,934	63,762,459	509,566	77,763,133	0	0	17,360	17,360	0	96,881,773
1991	643,118	64,677,355	516,147	78,949,225	0	0	17,364	17,364	0	98,465,001
1992	660,626	65,776,353	523,154	80,376,707	0	0	17,367	17,367	0	100,198,457
1993	679,343	66,905,041	529,383	81,805,833	0	0	17,369	17,369	0	101,903,296
1994	714,062	68,486,622	535,055	83,811,409	0	0	17,370	17,370	0	104,677,108
1995	735,431	69,373,540	537,812	84,960,477	0	0	17,371	17,371	0	108,604,946
1996	753,512	70,251,056	541,753	86,080,553	0	0	17,371	17,371	0	118,560,235
1997	812,976	71,530,953	544,467	87,762,508	0	0	17,371	17,371	0	128,828,435
1998	919,464	72,283,436	548,490	89,394,898	0	0	0	0	0	132,538,767
1999	1,100,324	72,917,423	552,184	90,484,323	0	0	0	0	0	134,290,088
2000	1,434,718	73,432,162	555,279	92,937,633	0	0	0	0	0	136,893,371
2001	2,371,146	73,741,965	556,658	95,052,218	0	0	0	0	0	139,874,141
2002	3,744,046	73,915,736	557,417	97,830,482	0	0	0	0	0	142,813,063
2003	4,400,656	74,256,539	559,749	99,454,884	0	0	17,375	17,375	0	144,998,177
2004	4,669,624	74,601,782	560,566	100,387,963	0	0	17,375	17,375	0	146,367,926
2005	4,808,406	68,499,909	561,532	100,955,319	0	0	17,375	17,375	0	147,260,204
2006	4,858,605	68,876,841	564,172	101,571,876	0	0	17,375	17,375	0	148,034,078
2007	4,971,445	69,605,880	569,809	102,772,616	0	0	17,376	17,376	0	149,411,864
2008	5,105,983	70,216,830	573,969	103,862,808	0	0	17,376	17,376	0	150,986,872
2009	5,287,804	70,888,202	577,886	105,104,435	0	0	17,376	17,376	0	153,280,047
2010	5,568,700	72,114,491	585,969	107,593,722	0	0	17,377	17,377	0	156,555,416
2011	5,925,811	73,158,377	593,217	109,736,254	0	0	17,377	17,377	0	160,299,150
2012	6,479,876	73,890,701	597,050	111,866,087	0	0	17,377	17,377	0	163,904,268
2013	7,345,791	74,247,332	600,069	114,202,974	0	0	17,377	17,377	0	166,681,514
2014	10,149,401	75,383,564	598,719	121,102,854	0	0	17,377	17,377	0	174,004,257
2015	12,751,368	75,926,270	599,731	126,765,122	0	0	16,972	16,972	0	179,247,093
2016	14,228,188	76,902,197	597,162	131,100,001	0	0	16,813	16,813	0	183,653,866
2017	**15,014,357**	**76,711,532**	**579,446**	**133,508,901**	**0**	**0**	**16,815**	**16,815**	**0**	**186,409,962**
2018	15,408,912	73,875,413	535,487	131,570,578	0	0	16,813	16,813	0	184,076,364
2019	15,527,486	70,459,540	490,069	127,921,189	0	0	14,186	14,186	0	180,496,008
2020	15,541,691	66,214,749	450,703	122,436,148	0	0	2,257	2,257	0	175,012,111
2021	15,431,676	58,564,422	392,255	111,961,163	0	0	1,430	1,430	0	164,485,366
2022	15,368,646	52,689,028	354,627	103,879,581	0	0	45	45	0	156,377,917
2023	15,346,517	51,222,055	351,221	101,270,601	0	0	44	44	0	153,720,559
2024	15,333,442	49,318,542	336,450	98,982,530	0	0	43	43	0	151,417,163
2025	15,319,979	48,467,642	332,052	97,776,673	0	0	41	41	0	150,183,349
2026	15,307,051	47,719,918	327,775	96,720,072	0	0	39	39	0	149,106,029
2027	15,298,961	47,106,942	323,465	95,883,587	0	0	37	37	0	148,239,350
2028	15,294,045	46,543,253	317,820	95,169,491	0	0	35	35	0	147,480,566
2029	15,290,523	45,769,741	308,914	94,244,780	0	0	34	34	0	146,519,325
2030	15,287,119	44,386,187	291,427	92,666,629	0	0	32	32	0	144,891,527
2031	15,269,914	41,474,480	258,751	89,056,551	0	0	31	31	0	141,162,469
2032	15,271,256	40,669,887	247,329	88,240,386	0	0	29	29	0	140,329,460
2033	15,259,095	39,167,775	231,230	86,293,161	0	0	29	29	0	138,297,090
2034	15,240,871	37,990,772	221,700	84,570,192	0	0	28	28	0	136,373,653
2035	15,227,613	37,235,511	216,446	83,426,253	0	0	26	26	0	134,879,019
TOTAL	**413,667,125**	**4,009,240,460**	**30,545,529**	**5,948,944,734**	**0**	**0**	**781,795**	**781,795**	**0**	**8,271,554,604**

[a] Unadjusted for prior overpayments or underpayments of charges.

[b] Determined at the current Project Interest Rate of 4.610 percent per annum.

[c] Reflects the transfers of permanent aqueduct capacity among contractors.

TABLE B-16A Minimum OMP&R Component of Transportation Charge for Each Contractor (in dollars)

Sheet 1 of 4

Calendar Year	NORTH BAY AREA			SOUTH BAY AREA				CENTRAL COASTAL AREA		
	Napa	Solano	Total	Alameda-Zone 7	Alameda County	Santa Clara	Total	San Luis Obispo	Santa Barbara	Total
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]
1961	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	9,699	8,868	21,132	39,699	0	0	0
1963	0	0	0	38,048	34,788	82,896	155,732	0	0	0
1964	0	0	0	41,148	38,323	91,320	170,791	0	0	0
1965	0	0	0	78,529	75,616	195,793	349,937	0	0	0
1966	0	0	0	79,753	78,779	218,543	377,076	0	0	0
1967	0	0	0	127,896	123,667	335,224	586,787	0	0	0
1968	130	0	130	126,058	120,563	333,506	580,128	11,800	21,770	33,571
1969	80,875	0	80,875	145,411	138,050	372,585	656,046	63,113	116,435	179,548
1970	94,872	0	94,872	128,993	120,245	320,664	569,902	74,187	136,867	211,054
1971	45,579	0	45,579	113,071	108,346	296,004	517,421	74,011	136,541	210,552
1972	37,895	0	37,895	122,407	117,483	334,366	574,256	79,196	146,107	225,303
1973	32,993	0	32,993	122,738	116,785	325,726	565,250	75,714	139,683	215,398
1974	46,498	0	46,498	154,435	146,929	403,080	704,444	76,530	141,189	217,719
1975	37,707	0	37,707	189,175	182,087	513,823	885,086	92,605	170,845	263,450
1976	60,786	0	60,786	203,064	193,435	524,813	921,312	94,935	175,144	270,079
1977	78,400	0	78,400	179,869	169,065	500,101	849,035	102,945	189,922	292,867
1978	56,318	0	56,318	239,301	228,855	647,828	1,115,984	104,060	191,978	296,038
1979	73,852	0	73,852	236,986	232,105	666,742	1,135,833	100,748	185,868	286,617
1980	81,769	0	81,769	389,575	372,185	1,010,830	1,772,591	126,328	233,105	359,433
1981	101,340	0	101,340	317,408	302,272	834,257	1,453,937	140,208	258,712	398,920
1982	191,987	0	191,987	386,742	369,633	1,098,844	1,855,219	142,045	262,101	404,146
1983	80,215	0	80,215	438,536	428,973	1,269,373	2,136,882	171,001	315,523	486,524
1984	106,485	0	106,485	591,243	565,721	1,817,629	2,974,593	201,768	372,284	574,052
1985	215,341	0	215,341	674,975	655,490	1,840,211	3,170,677	242,935	448,233	691,167
1986	203,704	0	203,704	613,273	583,077	1,784,056	2,980,407	233,000	429,904	662,905
1987	295,505	0	295,505	687,629	652,468	2,000,817	3,340,914	230,484	463,838	694,322
1988	312,677	(58)	312,619	676,847	655,274	1,910,092	3,242,213	258,807	561,030	819,837
1989	403,330	688,185	1,091,515	716,831	712,354	1,897,149	3,326,335	244,772	668,476	913,248
1990	658,942	674,944	1,333,886	782,589	780,305	2,129,966	3,692,860	310,222	677,025	987,247
1991	726,717	860,903	1,587,620	543,178	524,741	1,520,569	2,588,488	302,369	673,858	976,227
1992	483,580	712,313	1,195,893	796,058	855,050	2,253,496	3,904,605	346,220	736,477	1,082,698
1993	524,000	708,129	1,232,129	1,280,736	1,261,431	3,338,742	5,880,908	386,060	734,138	1,120,197
1994	573,814	658,274	1,232,087	1,368,665	1,312,746	3,560,310	6,241,720	481,022	888,287	1,369,309
1995	539,407	660,770	1,200,177	1,232,272	1,187,201	3,216,470	5,635,943	477,929	881,323	1,359,251
1996	604,992	1,011,298	1,616,291	1,185,220	1,124,968	3,007,330	5,317,518	649,161	1,197,179	1,846,340
1997	563,579	741,881	1,305,460	1,029,670	968,999	2,667,649	4,666,319	406,652	749,805	1,156,456
1998	461,844	661,193	1,123,037	1,064,729	1,174,897	3,502,733	5,742,360	810,087	3,051,492	3,861,579
1999	613,368	1,006,577	1,619,945	1,243,942	1,285,417	5,135,770	7,665,129	795,894	3,101,531	3,897,425
2000	776,103	1,493,609	2,269,711	2,174,750	1,295,722	3,754,532	7,225,004	699,691	3,083,826	3,783,517
2001	652,140	1,445,102	2,097,242	4,194,623	1,038,221	3,544,696	8,777,541	723,561	2,906,335	3,629,896
2002	1,096,986	1,871,521	2,968,508	8,256,339	1,356,061	6,055,048	15,667,449	754,997	3,285,166	4,040,162
2003	1,168,961	2,247,939	3,416,900	4,901,800	1,057,277	3,547,979	9,507,055	803,488	3,440,321	4,243,809
2004	1,618,577	2,346,399	3,964,976	2,574,419	1,276,805	3,528,181	7,379,405	799,124	3,354,234	4,153,358
2005	916,728	1,796,605	2,713,333	2,391,493	1,129,780	2,947,359	6,468,631	848,861	3,682,079	4,530,940
2006	812,275	1,380,452	2,192,726	2,477,902	1,202,787	3,264,177	6,944,866	746,326	3,622,713	4,369,039
2007	775,905	1,515,458	2,291,363	3,221,595	1,566,980	4,002,251	8,790,826	827,306	3,589,163	4,416,469
2008	1,050,425	1,422,880	2,473,305	3,612,846	1,759,443	4,466,561	9,838,849	1,244,006	5,312,308	6,556,314
2009	1,115,900	1,788,056	2,903,956	3,253,083	1,473,809	4,173,538	8,900,430	1,084,857	4,523,409	5,608,266
2010	1,195,038	3,197,517	4,392,555	3,126,472	1,533,124	4,225,704	8,885,300	1,409,671	6,238,142	7,647,813
2011	1,570,749	3,658,432	5,229,181	3,492,661	1,682,351	4,499,335	9,674,347	1,449,813	6,570,102	8,019,915
2012	2,061,367	3,553,096	5,614,463	3,694,169	1,762,925	6,720,575	12,177,668	1,442,182	7,247,007	8,689,189
2013	1,501,285	3,057,899	4,559,183	4,171,803	1,964,594	5,883,634	12,020,031	1,692,848	8,805,697	10,498,545
2014	1,957,135	3,821,415	5,778,550	4,792,166	2,217,121	7,385,893	14,395,180	1,545,326	5,832,100	7,377,427
2015	2,180,263	3,637,209	5,817,472	4,976,881	2,401,565	8,907,256	16,285,702	2,033,662	8,591,988	10,625,650
2016	2,401,212	4,031,064	6,432,276	5,924,931	2,836,344	15,660,540	24,421,815	1,829,566	7,603,778	9,433,344
2017	**2,843,708**	**4,731,067**	**7,574,775**	**6,214,664**	**3,020,017**	**13,312,757**	**22,547,439**	**1,826,540**	**7,808,421**	**9,634,961**
2018	2,732,122	4,458,491	7,190,613	7,131,577	3,459,298	9,737,687	20,328,562	1,927,131	7,998,678	9,925,809
2019	2,683,869	4,448,088	7,131,958	6,483,143	3,133,761	13,026,721	22,643,626	1,878,195	7,878,943	9,757,138
2020	2,687,352	4,454,141	7,141,493	6,483,089	3,131,305	13,076,526	22,690,920	1,876,862	7,921,134	9,797,995
2021	2,714,225	4,498,682	7,212,907	6,547,920	3,162,618	13,207,291	22,917,829	1,895,630	8,000,345	9,895,976
2022	2,741,368	4,543,668	7,285,036	6,613,398	3,194,244	13,339,364	23,147,006	1,914,587	8,080,349	9,994,936
2023	2,768,781	4,589,105	7,357,886	6,679,533	3,226,186	13,472,758	23,378,477	1,933,733	8,161,152	10,094,884
2024	2,796,469	4,634,996	7,431,465	6,746,328	3,258,448	13,607,486	23,612,262	1,953,070	8,242,764	10,195,834
2025	2,824,433	4,681,347	7,505,780	6,813,791	3,291,033	13,743,560	23,848,384	1,972,601	8,325,191	10,297,791
2026	2,852,678	4,728,159	7,580,837	6,881,929	3,323,943	13,880,995	24,086,867	1,992,327	8,408,443	10,400,770
2027	2,881,205	4,775,441	7,656,646	6,950,749	3,357,182	14,019,806	24,327,737	2,012,250	8,492,527	10,504,777
2028	2,910,017	4,823,196	7,733,213	7,020,256	3,390,754	14,160,004	24,571,015	2,032,372	8,577,453	10,609,825
2029	2,939,117	4,871,428	7,810,545	7,090,459	3,424,662	14,301,604	24,816,724	2,052,696	8,663,227	10,715,923
2030	2,968,509	4,920,142	7,888,651	7,161,363	3,458,908	14,444,620	25,064,892	2,073,223	8,749,860	10,823,083
2031	2,998,193	4,969,343	7,967,536	7,232,977	3,493,498	14,589,067	25,315,542	2,093,955	8,837,358	10,931,314
2032	3,028,175	5,019,037	8,047,213	7,305,307	3,528,432	14,734,957	25,568,696	2,114,895	8,925,732	11,040,627
2033	3,058,457	5,069,227	8,127,684	7,378,360	3,563,717	14,882,307	25,824,384	2,136,044	9,014,989	11,151,033
2034	3,089,041	5,119,919	8,208,961	7,452,143	3,599,354	15,031,129	26,082,625	2,157,404	9,105,139	11,262,543
2035	3,119,932	5,171,118	8,291,050	7,526,664	3,635,347	15,181,441	26,343,452	2,178,978	9,196,190	11,375,168
TOTAL	**85,877,201**	**141,155,658**	**227,032,859**	**217,308,286**	**109,214,807**	**406,297,782**	**732,820,875**	**65,864,583**	**266,532,935**	**332,397,518**

TABLE B-16A Minimum OMP&R Component of Transportation Charge for Each Contractor (in dollars)

Sheet 2 of 4

Calendar Year	SAN JOAQUIN VALLEY AREA								
				Kern					
	Dudley Ridge	Empire	Future Contractor San Joaquin Valley	Municipal and Industrial	Agricultural	Kings	Oak Flat	Tulare	Total
	[11]	[12]	[13]	[14]	[15]	[16]	[17]	[18]	[19]
1961	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0
1968	37,806	1,963	5,639	60,701	678,086	2,008	2,073	77,591	865,867
1969	45,479	2,235	30,158	80,554	1,197,126	2,286	2,085	90,773	1,450,698
1970	46,969	2,292	35,450	96,673	1,381,493	2,344	2,158	93,408	1,660,786
1971	47,997	2,314	35,366	106,654	1,643,163	2,366	2,288	94,874	1,935,021
1972	49,866	2,414	37,844	122,313	1,729,169	2,469	2,254	98,777	2,045,106
1973	50,006	2,385	36,180	125,553	1,719,873	2,440	2,310	98,330	2,037,076
1974	52,818	2,556	36,570	135,661	1,823,065	2,614	2,529	104,609	2,160,424
1975	66,963	3,243	44,251	162,738	2,235,242	3,317	3,191	132,663	2,651,608
1976	66,504	3,328	45,364	159,303	2,215,999	3,404	2,919	133,940	2,630,761
1977	75,595	3,812	49,192	189,661	2,522,290	3,898	3,708	152,838	3,000,994
1978	70,688	3,503	49,725	174,897	2,427,163	3,583	3,644	141,672	2,874,875
1979	68,879	3,436	48,142	173,677	2,378,315	3,514	3,492	138,493	2,817,948
1980	95,898	4,722	59,551	235,741	3,146,570	4,830	4,777	191,582	3,743,671
1981	118,448	5,965	66,183	266,353	3,440,557	6,099	5,187	239,323	4,148,116
1982	134,083	6,711	67,061	311,879	3,848,922	6,862	6,382	270,061	4,651,960
1983	184,902	9,242	80,869	426,485	5,030,031	9,450	8,494	372,182	6,121,656
1984	194,228	9,656	95,555	471,854	5,636,134	9,874	8,719	389,892	6,815,912
1985	200,694	9,957	115,227	486,162	6,042,593	10,182	8,982	402,457	7,276,254
1986	207,028	10,302	110,479	530,803	6,372,710	10,536	10,341	415,776	7,667,975
1987	205,002	10,259	109,401	533,451	6,378,437	10,493	10,517	412,889	7,670,450
1988	203,711	10,223	122,903	516,432	6,388,497	10,455	10,341	410,868	7,673,430
1989	224,049	11,269	116,197	564,169	6,747,046	11,526	11,102	452,406	8,137,763
1990	271,051	13,666	148,238	664,040	8,111,616	13,976	13,206	547,974	9,783,767
1991	275,748	13,854	144,486	662,755	8,111,610	14,168	13,218	556,474	9,792,313
1992	317,889	16,027	162,466	764,224	9,115,453	16,393	18,209	642,672	11,053,333
1993	359,879	17,989	184,477	831,662	10,372,245	18,399	19,560	724,397	12,528,608
1994	309,084	15,486	224,254	738,619	9,789,833	15,839	16,434	622,879	11,732,427
1995	395,441	19,918	220,899	898,339	11,190,121	20,373	21,551	799,070	13,565,713
1996	362,623	19,968	301,835	902,162	11,872,821	20,424	21,664	796,711	14,298,209
1997	366,476	20,154	186,450	942,987	10,558,144	20,613	19,344	806,084	12,920,252
1998	453,033	24,560	288,906	1,098,213	12,207,920	25,122	21,594	995,194	15,114,543
1999	384,169	21,168	275,698	980,700	11,106,789	21,650	21,913	844,306	13,656,391
2000	384,501	21,145	206,873	1,022,780	9,948,383	21,647	22,809	844,101	12,472,238
2001	463,902	25,523	231,686	1,212,212	11,269,413	26,115	31,799	1,018,751	14,279,401
2002	426,218	21,572	223,769	1,080,829	10,227,644	22,080	25,646	813,667	12,841,425
2003	494,764	25,202	242,079	1,178,001	11,268,644	25,794	30,740	944,674	14,209,898
2004	442,087	22,638	244,299	1,124,271	10,636,853	61,698	25,463	731,719	13,289,028
2005	427,271	21,928	257,146	1,013,649	10,307,500	59,685	24,396	708,154	12,819,729
2006	463,217	23,692	195,878	1,106,863	10,300,213	71,531	26,336	763,664	12,951,394
2007	525,633	26,655	234,501	1,266,196	11,655,504	82,238	27,088	861,943	14,679,758
2008	624,293	32,182	369,287	1,523,401	15,043,805	101,213	32,491	1,034,422	18,761,093
2009	513,758	26,120	335,108	1,262,679	12,702,505	83,728	26,737	843,841	15,794,477
2010	498,092	28,934	407,061	1,310,281	13,109,586	93,958	27,637	864,438	16,339,987
2011	601,955	35,251	403,956	1,641,598	15,521,232	111,512	39,520	1,050,483	19,405,507
2012	569,774	33,277	360,992	1,608,982	15,233,911	103,899	31,071	992,497	18,934,404
2013	653,998	38,322	411,882	1,721,174	16,708,527	118,623	31,522	1,141,754	20,825,802
2014	696,810	42,085	524,826	1,852,808	19,005,950	133,537	44,538	1,237,039	23,537,592
2015	650,067	42,399	633,520	1,822,700	19,505,682	137,273	44,441	1,241,357	24,077,439
2016	705,783	45,833	576,016	1,917,094	20,072,047	144,917	51,401	1,343,708	24,856,799
2017	**886,889**	**52,608**	**563,050**	**2,159,937**	**23,304,069**	**162,833**	**60,657**	**1,541,962**	**28,732,004**
2018	909,779	53,993	610,358	2,199,336	23,925,685	168,212	61,560	1,582,318	29,511,241
2019	865,205	51,319	588,973	2,108,322	22,959,340	160,241	58,451	1,504,222	28,296,073
2020	803,538	51,833	594,863	2,065,290	23,184,412	161,844	59,036	1,519,265	28,440,079
2021	811,573	52,351	600,812	2,085,943	23,416,256	163,463	59,626	1,534,457	28,724,481
2022	819,689	52,874	606,820	2,106,802	23,650,419	165,097	60,222	1,549,802	29,011,725
2023	827,886	53,403	612,888	2,127,870	23,886,923	166,748	60,824	1,565,300	29,301,843
2024	836,165	53,937	619,017	2,149,149	24,125,792	168,416	61,433	1,580,953	29,594,861
2025	844,526	54,477	625,207	2,170,640	24,367,050	170,100	62,047	1,596,762	29,890,810
2026	852,972	55,021	631,459	2,192,347	24,610,721	171,801	62,668	1,612,730	30,189,718
2027	861,501	55,571	637,774	2,214,270	24,856,828	173,519	63,294	1,628,857	30,491,615
2028	870,116	56,127	644,152	2,236,413	25,105,396	175,254	63,927	1,645,146	30,796,532
2029	878,818	56,688	650,593	2,258,777	25,356,450	177,007	64,566	1,661,597	31,104,497
2030	887,606	57,255	657,099	2,281,365	25,610,014	178,777	65,212	1,678,213	31,415,541
2031	896,482	57,828	663,670	2,304,178	25,866,115	180,564	65,864	1,694,995	31,729,697
2032	905,447	58,406	670,307	2,327,220	26,124,776	182,370	66,523	1,711,945	32,046,994
2033	914,501	58,990	677,010	2,350,492	26,386,024	184,194	67,188	1,729,065	32,367,464
2034	923,646	59,580	683,780	2,373,997	26,649,884	186,036	67,860	1,746,356	32,691,139
2035	932,883	60,176	690,618	2,397,737	26,916,383	187,896	68,539	1,763,819	33,018,050
TOTAL	**31,614,347**	**1,869,777**	**21,422,347**	**80,191,021**	**880,238,970**	**4,995,326**	**2,047,316**	**59,535,138**	**1,081,914,242**

TABLE B-16A Minimum OMP&R Component of Transportation Charge for Each Contractor (in dollars)

Sheet 3 of 4

Calendar Year	SOUTHERN CALIFORNIA AREA									
	AVEK	Castaic Lake	Coachella	Crestline	Desert	Littlerock	Mojave	Palmdale	San Bernardino	San Gabriel
	[20]	[21]	[22]	[23]	[24]	[25]	[26]	[27]	[28]	[29]
1961	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0
1968	65,074	28,085	11,697	2,958	19,291	1,089	24,380	8,173	52,315	14,399
1969	86,339	70,342	15,522	3,925	25,598	1,445	32,348	10,844	69,419	19,106
1970	107,807	84,577	19,392	4,904	31,981	1,804	40,391	13,540	86,727	23,865
1971	178,820	105,979	32,228	8,150	53,151	2,992	66,999	22,459	144,136	39,636
1972	363,555	202,625	106,740	30,967	176,037	6,601	213,032	48,102	548,123	144,113
1973	404,661	222,765	121,341	34,674	200,116	7,346	243,320	53,975	724,535	190,156
1974	434,868	235,528	130,627	37,062	215,432	7,677	262,735	56,383	786,107	207,019
1975	504,791	289,501	151,031	43,176	249,082	9,082	303,108	65,580	905,424	238,842
1976	559,013	262,420	160,686	44,454	265,004	10,030	325,512	73,253	964,524	256,570
1977	675,504	335,749	184,813	47,743	304,792	11,890	381,161	87,355	1,069,446	289,793
1978	600,343	376,946	187,028	54,156	308,449	10,711	373,192	78,304	1,148,279	300,751
1979	661,123	349,072	196,264	52,211	323,677	12,124	401,469	87,126	1,125,452	302,508
1980	858,039	415,571	253,090	71,921	417,398	15,435	508,379	112,853	1,518,405	401,223
1981	1,001,503	511,087	284,970	73,534	469,970	18,046	588,024	131,992	1,548,350	420,523
1982	1,128,643	557,494	320,938	89,560	529,292	20,193	649,204	148,012	1,870,559	497,871
1983	1,744,932	832,687	450,049	119,275	742,218	30,643	922,072	225,793	2,373,149	639,682
1984	2,105,780	943,524	548,784	150,179	905,055	36,810	1,112,196	271,187	3,018,294	803,394
1985	2,157,936	1,055,744	584,697	157,841	964,282	38,972	1,191,309	277,250	3,230,403	860,780
1986	2,311,841	1,102,466	618,750	162,748	1,020,438	40,051	1,268,806	295,987	3,318,638	893,069
1987	2,366,343	1,032,918	628,222	167,262	1,036,061	41,773	1,283,836	307,844	3,400,838	913,933
1988	2,303,274	1,042,113	649,276	175,694	1,070,784	40,604	1,321,553	298,438	3,587,873	960,968
1989	2,280,051	1,088,176	613,266	169,993	1,011,401	39,501	1,240,888	292,775	3,499,964	932,519
1990	2,636,186	1,275,150	708,829	201,242	1,169,006	45,472	1,424,445	336,069	4,084,211	1,078,392
1991	2,737,441	1,454,172	763,989	210,644	1,259,974	48,936	1,546,583	358,165	4,348,900	1,150,633
1992	2,781,586	1,579,025	750,248	198,232	1,237,307	49,829	1,538,733	362,844	4,131,745	1,115,632
1993	3,109,819	1,689,775	850,589	234,719	1,402,796	56,125	1,722,415	411,539	5,023,595	1,338,111
1994	2,825,193	1,608,731	794,991	225,121	1,311,100	51,259	1,634,886	376,180	4,794,820	1,267,565
1995	3,121,440	1,720,649	848,101	231,718	1,398,686	58,749	1,766,297	444,998	4,828,432	1,272,345
1996	3,093,678	1,966,634	862,720	228,008	1,422,789	56,813	1,817,427	423,444	4,707,473	1,256,549
1997	3,250,394	1,810,292	918,428	281,067	1,514,687	59,547	1,853,224	446,127	5,705,741	1,477,757
1998	3,876,512	2,050,254	1,070,517	299,639	1,765,491	73,835	3,207,848	561,246	6,076,375	1,634,942
1999	3,832,428	2,108,765	1,114,208	311,154	1,837,547	75,908	3,226,793	549,879	6,454,799	1,738,148
2000	3,751,246	3,379,197	1,035,809	291,749	1,708,257	68,397	3,000,267	594,476	5,876,829	1,572,232
2001	4,466,081	3,774,256	1,111,995	298,109	1,833,891	80,995	3,288,756	701,008	5,755,346	1,555,635
2002	3,640,169	3,495,749	1,017,609	282,351	1,678,240	62,563	2,999,670	549,516	5,628,787	1,510,425
2003	4,067,238	3,392,425	1,123,332	298,423	1,852,588	68,045	3,294,976	608,585	6,599,063	1,603,957
2004	4,444,794	4,031,985	1,441,819	322,933	1,908,894	76,792	3,426,109	676,844	7,222,338	1,765,213
2005	3,834,679	3,548,174	5,894,144	289,387	2,247,118	66,837	2,910,013	581,713	6,801,965	1,600,286
2006	4,065,824	3,227,620	8,392,469	307,024	2,802,655	74,378	3,141,641	637,731	6,978,778	1,684,736
2007	4,471,736	4,386,577	8,615,852	327,740	2,896,056	78,587	3,332,816	681,107	8,081,288	1,888,501
2008	4,911,498	5,273,310	9,668,253	370,220	3,280,149	81,753	4,093,082	744,040	9,279,740	2,026,829
2009	4,558,861	4,472,820	8,662,536	354,650	2,989,534	77,841	3,711,164	690,315	9,013,489	1,982,918
2010	4,115,793	4,274,406	9,273,129	361,341	3,189,762	72,678	3,754,171	616,601	8,959,609	1,965,077
2011	4,893,499	4,719,132	10,754,286	411,789	3,649,302	85,936	4,334,281	763,864	9,476,615	2,161,740
2012	5,430,973	5,140,657	11,269,605	454,099	3,921,703	97,044	4,567,961	833,318	10,748,233	2,361,046
2013	6,357,752	6,022,293	11,902,152	494,208	4,304,584	112,050	5,208,547	972,884	11,657,319	2,650,790
2014	7,028,850	6,479,531	15,524,841	535,726	5,070,762	117,698	5,910,720	1,051,263	12,813,247	2,905,423
2015	6,461,842	6,187,954	13,210,682	526,089	4,718,493	110,485	6,003,266	939,078	12,769,014	2,967,880
2016	6,665,253	6,622,669	13,548,757	559,666	4,797,842	110,205	5,948,960	972,859	13,208,699	3,044,195
2017	**7,326,448**	**7,241,233**	**15,586,762**	**604,061**	**5,389,838**	**121,174**	**6,485,731**	**1,067,965**	**15,183,059**	**3,352,754**
2018	7,386,436	7,121,668	17,116,462	601,304	5,548,725	121,837	6,491,195	1,075,409	14,669,678	3,340,459
2019	7,188,648	7,059,452	15,571,501	593,880	5,297,923	118,916	6,366,347	1,047,859	14,491,216	3,278,261
2020	7,138,824	7,049,900	15,722,023	594,930	5,348,787	120,020	6,528,586	1,040,437	14,549,600	3,309,948
2021	7,210,212	7,120,399	15,879,243	600,879	5,402,275	121,220	6,593,872	1,050,841	14,695,097	3,343,048
2022	7,282,314	7,191,603	16,038,036	606,888	5,456,297	122,433	6,659,810	1,061,350	14,842,048	3,376,478
2023	7,355,137	7,263,519	16,198,417	612,957	5,510,860	123,657	6,726,409	1,071,963	14,990,468	3,410,243
2024	7,428,688	7,336,154	16,360,400	619,086	5,565,969	124,893	6,793,673	1,082,683	15,140,372	3,444,345
2025	7,502,976	7,409,516	16,524,005	625,277	5,621,629	126,142	6,861,609	1,093,510	15,291,776	3,478,789
2026	7,578,005	7,483,611	16,689,245	631,530	5,677,845	127,404	6,930,225	1,104,445	15,444,695	3,513,577
2027	7,653,785	7,558,447	16,856,137	637,845	5,734,623	128,678	6,999,528	1,115,489	15,599,141	3,548,712
2028	7,730,323	7,634,032	17,024,698	644,224	5,791,970	129,965	7,069,523	1,126,644	15,755,132	3,584,200
2029	7,807,626	7,710,372	17,194,946	650,666	5,849,889	131,264	7,140,218	1,137,911	15,912,684	3,620,042
2030	7,885,703	7,787,476	17,366,895	657,173	5,908,388	132,577	7,211,620	1,149,290	16,071,811	3,656,242
2031	7,964,560	7,865,350	17,540,564	663,745	5,967,472	133,903	7,283,737	1,160,783	16,232,529	3,692,804
2032	8,044,205	7,944,004	17,715,969	670,382	6,027,147	135,242	7,356,574	1,172,391	16,394,854	3,729,733
2033	8,124,647	8,023,444	17,893,129	677,086	6,087,418	136,594	7,430,140	1,184,114	16,558,802	3,767,030
2034	8,205,894	8,103,678	18,072,060	683,857	6,148,292	137,960	7,504,441	1,195,956	16,724,391	3,804,700
2035	8,287,953	8,184,715	18,252,781	690,695	6,209,775	139,340	7,579,486	1,207,915	16,891,635	3,842,747
TOTAL	**282,433,389**	**249,926,145**	**467,002,575**	**22,675,901**	**186,053,845**	**4,856,795**	**233,431,685**	**40,999,874**	**531,456,400**	**125,021,788**

TABLE B-16A Minimum OMP&R Component of Transportation Charge for Each Contractor (in dollars)

Sheet 4 of 4

Calendar Year	SOUTHERN CALIFORNIA AREA (continued)				FEATHER RIVER AREA				South Bay Area Future Contractor	Grand Total
	San Gorgonio	Metropolitan	Ventura	Total	Yuba City	Butte	Plumas	Total		
	[30]	[31]	[32]	[33]	[34]	[35]	[36]	[37]	[38]	[39]
1961	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	3,219	42,918
1963	0	0	0	0	0	0	0	0	12,626	168,358
1964	0	0	0	0	0	0	0	0	13,938	184,729
1965	0	0	0	0	0	0	0	0	28,937	378,874
1966	0	0	0	0	0	0	0	0	31,321	408,397
1967	0	0	0	0	0	0	0	0	47,718	634,505
1968	8,821	972,734	9,504	1,218,520	0	0	0	0	46,945	2,745,160
1969	11,704	1,295,607	12,610	1,654,810	0	0	0	0	52,963	4,074,939
1970	14,623	1,624,569	15,746	2,069,923	0	0	0	0	69,744	4,676,282
1971	24,302	2,716,584	26,118	3,421,555	0	0	54	54	55,532	6,185,714
1972	89,131	8,038,463	68,369	10,035,857	0	0	40	40	80,412	12,998,869
1973	117,779	9,890,316	78,313	12,289,296	0	0	1	1	54,219	15,194,233
1974	128,169	11,581,491	83,453	14,166,551	0	0	143	143	76,783	17,372,561
1975	147,899	13,584,548	101,893	16,593,957	0	0	1,069	1,069	84,547	20,517,423
1976	158,664	12,862,489	94,799	16,037,419	0	0	139	139	106,717	20,027,213
1977	178,774	16,203,699	121,966	19,892,683	0	0	892	892	98,618	24,213,489
1978	186,384	17,811,770	132,435	21,568,747	0	0	39	39	100,786	26,012,786
1979	186,688	16,414,289	126,756	20,238,761	0	0	3,235	3,235	119,352	24,675,598
1980	248,399	20,926,898	154,096	25,901,706	0	0	416	416	178,812	32,038,398
1981	259,244	23,731,024	186,592	29,224,860	0	0	3,847	3,847	185,347	35,516,366
1982	307,955	27,994,510	209,141	34,323,374	0	0	11,075	11,075	173,894	41,611,655
1983	394,524	38,953,367	326,258	47,754,649	0	0	1,928	1,928	220,926	56,802,781
1984	496,808	45,597,671	382,104	56,371,786	0	0	3,765	3,765	225,959	67,072,552
1985	531,765	50,064,444	416,652	61,532,075	0	0	2,888	2,888	340,322	73,228,724
1986	551,066	52,858,915	442,334	64,885,109	0	0	2,787	2,787	279,227	76,682,113
1987	564,352	50,737,631	411,276	62,892,287	0	0	2,388	2,388	345,116	75,240,981
1988	593,787	51,262,231	406,248	63,712,844	0	0	545	545	365,207	76,126,695
1989	576,852	52,638,942	431,020	64,815,349	0	0	1,800	1,800	422,329	78,708,338
1990	667,687	61,053,824	494,721	75,175,234	0	0	788	788	474,284	91,448,066
1991	711,803	60,874,529	470,139	75,935,908	0	0	3,654	3,654	214,683	91,098,893
1992	688,558	67,460,598	502,131	82,396,469	0	0	647	647	443,676	100,077,320
1993	828,208	68,749,547	538,751	85,955,990	0	0	3,630	3,630	599,571	107,321,034
1994	783,691	63,898,029	473,897	80,045,461	0	0	2,279	2,279	609,966	101,233,250
1995	785,191	68,079,888	523,512	85,080,005	0	0	2,906	2,906	534,971	107,378,966
1996	773,653	72,757,439	561,100	89,927,727	0	0	8,007	8,007	571,857	113,585,948
1997	917,372	75,655,465	564,455	94,454,555	0	0	7,449	7,449	428,638	114,939,131
1998	1,000,558	80,540,695	608,294	102,766,204	0	0	0	0	465,095	129,072,817
1999	1,066,898	86,320,578	637,626	109,274,730	0	0	(0)	(0)	584,116	136,697,736
2000	964,354	82,432,338	635,349	105,310,501	0	0	0	0	0	131,060,971
2001	949,248	93,016,285	709,327	117,540,934	0	0	0	0	0	146,325,014
2002	922,151	85,415,139	657,493	107,859,863	0	0	(0)	(0)	0	143,377,406
2003	1,514,514	82,358,489	621,310	107,402,945	0	0	3,425	3,425	0	138,784,032
2004	1,435,507	99,527,399	761,599	127,042,226	0	0	3,455	3,455	0	155,832,448
2005	1,587,021	74,184,438	652,293	104,198,067	0	0	3,452	3,452	0	130,734,153
2006	1,447,103	76,147,507	598,995	109,506,460	0	0	3,904	3,904	0	135,968,390
2007	1,833,598	105,091,465	863,260	142,548,583	0	0	3,517	3,517	0	172,730,516
2008	2,482,168	113,274,967	979,577	156,465,586	0	0	5,036	5,036	0	194,100,185
2009	2,373,282	99,895,425	829,566	139,612,401	0	0	844	844	0	172,820,374
2010	2,583,425	97,926,307	786,760	137,879,060	0	0	1,071	1,071	0	175,145,786
2011	2,646,540	105,598,030	850,140	150,345,154	0	0	2,754	2,754	0	192,676,858
2012	2,628,237	118,229,648	954,152	166,636,677	0	0	1,093	1,093	0	212,053,494
2013	2,727,617	133,540,862	1,129,336	187,080,395	0	0	289	289	0	234,984,245
2014	3,192,991	147,378,197	1,183,103	209,192,353	0	0	116	116	0	260,281,218
2015	3,161,234	137,650,749	1,098,502	195,805,269	0	0	117	117	0	252,611,649
2016	3,351,786	153,073,428	1,222,188	213,126,509	0	0	111	111	0	278,270,854
2017	**4,179,183**	**169,408,883**	**1,359,420**	**237,306,511**	**0**	**0**	**111**	**111**	**0**	**305,795,800**
2018	3,862,368	164,820,220	1,303,117	233,458,878	0	0	111	111	0	300,415,214
2019	3,834,722	163,944,264	1,307,857	230,100,847	0	0	112	112	0	297,929,753
2020	3,858,482	163,973,812	1,320,210	230,555,559	0	0	113	113	0	298,626,159
2021	3,897,067	165,613,549	1,333,412	232,861,114	0	0	114	114	0	301,612,420
2022	3,936,037	167,269,685	1,346,746	235,189,724	0	0	116	116	0	304,628,543
2023	3,975,398	168,942,382	1,360,213	237,541,623	0	0	117	117	0	307,674,831
2024	4,015,152	170,631,805	1,373,815	239,917,037	0	0	118	118	0	310,751,578
2025	4,055,303	172,338,124	1,387,554	242,316,210	0	0	119	119	0	313,859,095
2026	4,095,856	174,061,506	1,401,429	244,739,373	0	0	120	120	0	316,997,685
2027	4,136,815	175,802,119	1,415,443	247,186,763	0	0	122	122	0	320,167,661
2028	4,178,183	177,560,142	1,429,598	249,658,633	0	0	123	123	0	323,369,341
2029	4,219,965	179,335,745	1,443,894	252,155,221	0	0	124	124	0	326,603,035
2030	4,262,164	181,129,101	1,458,333	254,676,771	0	0	125	125	0	329,869,063
2031	4,304,787	182,940,392	1,472,916	257,223,541	0	0	126	126	0	333,167,755
2032	4,347,835	184,769,795	1,487,645	259,795,775	0	0	128	128	0	336,499,433
2033	4,391,312	186,617,494	1,502,522	262,393,733	0	0	129	129	0	339,864,427
2034	4,435,226	188,483,668	1,517,547	265,017,668	0	0	130	130	0	343,263,066
2035	4,479,578	190,368,506	1,532,722	267,667,848	0	0	132	132	0	346,695,702
TOTAL	**128,267,516**	**6,365,904,649**	**50,899,654**	**8,688,930,217**	**0**	**0**	**97,884**	**97,884**	**8,748,370**	**11,071,941,965**

TABLE B-16B Minimum OMP&R Component of Transportation Charge for Each Contractor for Off-Aqueduct Power Facilities[a,b] (in dollars)

Sheet 1 of 4

Calendar Year	NORTH BAY AREA			SOUTH BAY AREA				CENTRAL COASTAL AREA		
	Napa	Solano	Total	Alameda-Zone 7	Alameda County	Santa Clara	Total	San Luis Obispo	Santa Barbara	Total
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]
1971	0	0	0	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0	0	0
1983	10,070	0	10,070	47,473	31,446	863,937	942,856	0	0	0
1984	29,957	0	29,957	157,280	77,388	2,040,188	2,274,856	0	0	0
1985	54,709	0	54,709	458,427	582,679	2,696,450	3,737,556	0	0	0
1986	45,887	0	45,887	312,938	365,147	2,595,765	3,273,850	0	0	0
1987	90,385	0	90,385	622,029	674,111	2,306,079	3,602,219	0	0	0
1988	115,970	114,196	230,166	616,865	804,606	2,116,236	3,537,707	0	0	0
1989	64,584	138,240	202,824	407,353	396,069	1,389,347	2,192,769	0	0	0
1990	77,126	138,805	215,931	535,269	514,372	1,490,250	2,539,891	0	0	0
1991	35,178	245,181	280,359	355,578	477,883	1,065,488	1,898,949	0	165,930	165,930
1992	74,573	230,716	305,289	405,244	529,119	1,183,466	2,117,829	0	0	0
1993	89,214	247,977	337,191	841,383	256,930	1,552,562	2,650,875	0	0	0
1994	111,942	229,598	341,540	501,812	559,683	1,395,238	2,456,733	0	0	0
1995	96,842	235,605	332,447	833,227	492,578	796,524	2,122,329	0	0	0
1996	63,698	205,414	269,112	367,297	304,845	1,189,291	1,861,433	711	105	816
1997	48,518	193,255	241,773	455,751	294,951	1,220,497	1,971,199	44,788	298,986	343,774
1998	82,317	251,217	333,534	380,321	380,282	1,103,662	1,864,265	198,376	1,028,220	1,226,596
1999	58,017	195,562	253,579	559,900	446,655	1,039,572	2,046,127	147,204	791,946	939,150
2000	28,759	128,393	157,152	374,808	237,138	748,820	1,360,766	82,628	474,268	556,896
2001	81,666	157,196	238,862	396,340	233,205	673,431	1,302,976	134,574	595,294	729,868
2002	40,236	127,750	167,986	383,365	229,280	519,819	1,132,464	91,639	583,933	675,572
2003	37,618	92,735	130,353	301,657	180,804	643,729	1,126,190	78,771	477,048	555,819
2004	50,289	128,180	178,469	447,802	210,093	546,342	1,204,237	92,836	662,110	754,946
2005	53,455	149,328	202,783	452,896	265,252	772,420	1,490,568	106,901	587,036	693,937
2006	59,239	127,708	186,947	476,295	277,304	798,098	1,551,697	109,498	605,502	715,000
2007	82,724	182,954	265,678	445,250	246,862	740,211	1,432,323	103,331	759,114	862,445
2008	200,185	304,502	504,687	861,568	428,737	1,074,975	2,365,280	184,501	997,507	1,182,008
2009	167,186	237,569	404,755	708,409	418,456	1,279,442	2,406,307	209,684	853,143	1,062,827
2010	186,503	221,486	407,989	876,092	407,548	1,266,270	2,549,910	203,422	963,122	1,166,544
2011	121,673	145,499	267,172	685,604	372,699	1,174,038	2,232,341	147,645	829,034	976,679
2012	130,199	185,005	315,204	830,163	319,227	1,135,648	2,285,038	186,059	920,215	1,106,274
2013	114,869	172,310	287,179	609,808	327,688	1,046,787	1,984,283	121,826	607,752	729,578
2014	97,013	94,810	191,823	317,446	235,476	541,866	1,094,788	83,501	442,785	526,286
2015	35,945	49,630	85,575	146,118	96,412	319,724	562,254	39,698	160,291	199,989
2016	5,130	8,834	13,964	30,254	16,590	62,636	109,480	5,556	32,260	37,816
2017	**4,296**	**7,981**	**12,277**	**26,609**	**17,407**	**58,184**	**102,200**	**5,251**	**25,656**	**30,907**
2018	6,766	4,598	11,364	27,855	9,491	35,993	73,339	18,335	38,125	56,459
2019	408	277	685	1,680	583	2,084	4,347	1,109	2,299	3,408
2020	408	277	685	1,680	593	2,084	4,357	1,115	2,299	3,414
2021	408	277	685	1,680	593	2,084	4,357	1,115	2,299	3,414
2022	408	277	685	1,680	593	2,084	4,357	1,115	2,299	3,414
2023	408	277	685	1,680	593	2,084	4,357	1,115	2,299	3,414
2024	408	277	685	1,680	593	2,084	4,357	1,115	2,299	3,414
2025	408	277	685	1,680	593	2,084	4,357	1,115	2,299	3,414
2026	408	277	685	1,680	593	2,084	4,357	1,115	2,299	3,414
2027	408	277	685	1,680	593	2,084	4,357	1,115	2,299	3,414
2028	408	277	685	1,680	593	2,084	4,357	1,115	2,299	3,414
2029	408	277	685	1,680	593	2,084	4,357	1,115	2,299	3,414
2030	408	277	685	1,680	593	2,084	4,357	1,115	2,299	3,414
2031	408	277	685	1,680	593	2,084	4,357	1,115	2,299	3,414
2032	408	277	685	1,680	593	2,084	4,357	1,115	2,299	3,414
2033	408	277	685	1,680	593	2,084	4,357	1,115	2,299	3,414
2034	408	277	685	1,680	593	2,084	4,357	1,115	2,299	3,414
2035	408	277	685	1,680	593	2,084	4,357	1,115	2,299	3,414
TOTAL	**2,659,675**	**4,956,947**	**7,616,622**	**16,285,044**	**11,728,488**	**39,518,409**	**67,531,941**	**2,415,685**	**12,938,468**	**15,354,153**

[a] 1983 through 2015 charges are debt service only and do not include bond cover; 2016 charges and after include both debt service and bond cover.

[b] 2009 through 2017 charges include Reid Gardner separation costs that are allocated to contractors based on theoretical energy use over the facility service life, 1983–2013.

TABLE B-16B Minimum OMP&R Component of Transportation Charge for Each Contractor for Off-Aqueduct Power Facilities[a,b] (in dollars)

Sheet 2 of 4

Calendar Year	SAN JOAQUIN VALLEY AREA							
			Kern					
	Dudley Ridge	Empire	Municipal and Industrial	Agricultural	Kings	Oak Flat	Tulare	Total
	[11]	[12]	[13]	[14]	[15]	[16]	[17]	[18]
1971	0	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0
1983	159,191	0	34,366	2,964,185	13,174	9,673	3,733	3,184,322
1984	389,518	0	816,103	9,095,509	26,774	33,576	49,601	10,411,081
1985	527,952	59,322	1,053,957	11,978,046	38,810	42,297	1,253,257	14,953,641
1986	552,172	12,858	885,988	11,788,714	40,659	38,275	872,008	14,190,674
1987	450,941	24,936	1,192,388	10,448,063	39,134	37,538	911,938	13,104,938
1988	425,261	31,146	1,130,988	9,910,050	35,851	26,779	850,225	12,410,300
1989	331,852	17,226	607,908	7,400,983	22,959	24,306	754,007	9,159,241
1990	219,381	7,731	428,482	5,216,562	12,089	12,046	344,943	6,241,234
1991	13,048	3,111	570,942	146,276	0	1,354	30,685	765,416
1992	244,630	13,395	706,155	5,788,599	18,587	15,716	480,903	7,267,985
1993	471,706	25,543	1,202,455	11,405,212	37,276	36,803	1,159,908	14,338,903
1994	262,029	15,161	901,463	6,786,208	19,257	19,061	567,521	8,570,700
1995	626,214	16,830	1,486,494	12,489,555	41,275	36,377	1,051,178	15,747,923
1996	407,919	13,446	1,226,968	9,219,091	28,668	24,001	1,691,135	12,611,228
1997	423,144	(6)	794,476	7,471,645	(31)	22,025	137,304	8,848,557
1998	471,993	4,597	837,228	8,366,817	127	25,458	175,371	9,881,591
1999	360,554	19,182	874,948	7,723,883	24,159	20,065	1,749,925	10,772,716
2000	193,895	5,762	392,659	4,215,772	11,530	9,847	667,127	5,496,592
2001	200,485	6,563	113,854	2,948,087	7,528	11,821	287,409	3,575,747
2002	153,306	4,540	308,554	2,797,916	9,223	10,767	299,940	3,584,246
2003	125,188	3,901	301,142	2,626,386	10,030	7,904	287,531	3,362,082
2004	168,005	12,193	457,106	2,914,113	30,989	10,807	278,204	3,871,417
2005	315,142	14,807	358,007	5,609,958	76,490	11,047	540,681	6,926,132
2006	287,977	13,112	401,503	5,488,668	38,075	11,559	432,313	6,673,207
2007	189,684	8,758	242,253	3,662,405	24,280	10,224	365,975	4,503,579
2008	184,682	7,887	381,864	3,930,067	31,949	11,276	282,379	4,830,104
2009	181,200	8,817	63,082	4,518,839	28,827	11,595	314,621	5,126,981
2010	250,194	27,117	96,128	5,774,210	40,474	16,580	488,098	6,692,801
2011	362,592	11,506	290,168	7,797,111	39,939	11,233	338,448	8,850,997
2012	139,042	16,387	281,108	5,881,018	53,747	16,121	654,940	7,042,363
2013	174,617	9,247	247,481	4,100,710	25,730	11,818	300,486	4,870,089
2014	121,811	4,353	114,780	2,211,296	10,098	7,131	151,394	2,620,863
2015	60,603	2,503	94,999	1,282,664	5,431	3,379	99,348	1,548,927
2016	14,208	647	27,049	300,454	1,691	884	26,996	371,929
2017	**14,491**	**621**	**26,002**	**306,323**	**1,421**	**882**	**27,495**	**377,235**
2018	6,515	386	19,703	144,810	1,223	500	11,259	184,397
2019	354	23	1,188	8,734	74	30	679	11,082
2020	354	23	1,188	8,733	74	30	679	11,081
2021	354	23	1,188	8,733	74	30	679	11,081
2022	354	23	1,188	8,733	74	30	679	11,081
2023	354	23	1,188	8,733	74	30	679	11,081
2024	354	23	1,188	8,733	74	30	679	11,081
2025	354	23	1,188	8,733	74	30	679	11,081
2026	354	23	1,188	8,733	74	30	679	11,081
2027	354	23	1,188	8,733	74	30	679	11,081
2028	354	23	1,188	8,733	74	30	679	11,081
2029	354	23	1,188	8,733	74	30	679	11,081
2030	354	23	1,188	8,733	74	30	679	11,081
2031	354	23	1,188	8,733	74	30	679	11,081
2032	354	23	1,188	8,733	74	30	679	11,081
2033	354	23	1,188	8,733	74	30	679	11,081
2034	354	23	1,188	8,733	74	30	679	11,081
2035	354	23	1,188	8,733	74	30	679	11,081
TOTAL	**9,487,160**	**423,981**	**18,988,951**	**204,858,668**	**848,696**	**601,238**	**17,949,829**	**253,158,524**

[a] 1983 through 2015 charges are debt service only and do not include bond cover; 2016 charges and after include both debt service and bond cover.

[b] 2009 through 2017 charges include Reid Gardner separation costs that are allocated to contractors based on theoretical energy use over the facility service life, 1983–2013.

TABLE B-16B Minimum OMP&R Component of Transportation Charge for Each Contractor for Off-Aqueduct Power Facilities[a,b] (in dollars)

Sheet 3 of 4

Calendar Year	SOUTHERN CALIFORNIA AREA									
	AVEK	Castaic Lake	Coachella	Crestline	Desert	Littlerock	Mojave	Palmdale	San Bernardino	San Gabriel
	[19]	[20]	[21]	[22]	[23]	[24]	[25]	[26]	[27]	[28]
1971	0	0	0	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0	0	0
1983	1,083,881	411,247	565,798	35,432	894,572	1,250	0	0	233,134	28,548
1984	2,499,848	1,122,640	1,427,428	102,114	2,263,172	77	0	0	502,967	693,074
1985	3,749,257	1,572,025	2,032,672	170,137	3,230,451	0	0	157,601	884,188	601,583
1986	3,159,857	1,694,487	2,097,408	173,460	3,340,188	15,873	0	301,486	739,563	1,088,901
1987	3,167,759	1,694,698	1,991,841	190,149	3,230,424	95,994	1,786	258,719	1,951,799	1,091,691
1988	2,688,113	1,776,471	1,940,156	187,156	3,194,137	30,395	846	126,639	2,000,664	839,774
1989	2,357,669	1,348,806	1,326,863	132,076	2,218,516	50,948	13,206	493,424	1,257,332	792,087
1990	2,528,625	1,335,341	1,463,452	115,746	2,413,745	110,678	0	545,342	1,192,997	1,054,762
1991	1,048,414	531,160	1,022,405	125,256	1,686,304	65,111	473,291	488,207	540,119	796,531
1992	2,760,199	1,548,472	1,124,775	55,985	1,855,065	22,891	1,130,876	367,996	362,232	853,047
1993	3,559,487	1,332,392	2,256,338	29,498	3,721,492	60,615	1,101,799	640,919	425,969	1,406,255
1994	3,963,982	1,450,328	1,345,145	74,879	2,218,411	88,549	1,371,116	678,876	871,358	1,452,741
1995	4,324,009	1,901,361	2,498,462	44,237	4,120,837	43,892	881,146	636,541	75,278	1,397,623
1996	3,572,856	1,507,542	4,652,945	77,384	7,674,388	31,691	760,763	723,670	458,246	1,201,941
1997	3,411,379	1,468,949	4,294,703	42,135	4,319,206	24,319	891,191	648,652	625,340	1,175,556
1998	3,977,988	1,599,394	7,554,910	16,624	6,174,031	30,365	508,248	657,806	166,952	827,650
1999	3,696,973	1,694,851	3,195,685	71,662	3,678,076	18,305	501,486	710,674	815,001	1,375,575
2000	2,372,130	994,396	1,420,806	40,083	1,954,947	0	374,972	257,146	617,664	508,258
2001	2,680,895	1,418,179	460,256	53,460	759,169	0	213,385	445,872	1,339,699	119,363
2002	1,668,457	1,384,832	567,521	74,145	936,215	0	140,035	529,674	2,414,011	841,746
2003	1,445,146	1,353,956	411,258	44,506	678,236	0	405,376	277,984	780,631	624,561
2004	1,813,317	1,677,090	554,874	71,974	760,283	0	465,965	368,929	2,072,770	449,963
2005	2,047,638	1,443,555	1,721,141	32,667	1,987,091	0	542,366	400,828	1,568,493	566,063
2006	2,845,985	1,617,750	5,071,235	26,843	2,093,821	0	1,417,777	442,278	1,533,665	681,916
2007	2,990,954	1,864,667	3,225,680	77,880	1,331,802	0	2,023,088	710,515	2,639,102	177,256
2008	3,547,772	3,303,503	4,059,802	74,029	2,237,582	1,845	2,200,333	1,052,126	3,410,480	629,597
2009	3,350,539	3,010,931	4,067,070	79,671	1,633,327	3,263	2,559,670	1,152,062	3,948,007	1,025,723
2010	4,321,133	2,663,067	7,385,867	31,714	2,730,993	177	3,304,241	810,142	4,668,858	1,673,291
2011	4,952,954	1,811,301	5,605,548	13,018	2,290,872	407	309,065	551,068	2,185,513	1,468,910
2012	5,401,397	2,619,529	8,864,502	48,852	3,451,280	495	848,848	1,072,349	7,388,666	1,677,958
2013	2,563,236	2,266,914	3,520,765	77,123	1,425,559	3,270	475,946	512,798	1,986,377	591,150
2014	1,148,978	1,191,895	1,021,712	56,389	644,953	3,804	273,011	348,413	787,781	231,637
2015	563,666	564,243	859,445	26,404	488,140	2,405	213,055	137,848	587,116	195,205
2016	181,611	93,466	187,451	4,645	127,772	704	39,240	31,322	114,853	48,299
2017	**155,616**	**90,283**	**145,329**	**4,087**	**122,748**	**825**	**40,344**	**27,869**	**91,387**	**44,030**
2018	167,877	113,121	186,658	7,825	75,216	0	89,483	37,154	132,799	38,856
2019	9,888	6,823	11,258	472	4,536	0	5,729	2,241	8,349	2,343
2020	9,887	6,822	11,257	472	4,536	0	5,729	2,241	8,348	2,343
2021	9,887	6,822	11,257	472	4,536	0	5,729	2,241	8,348	2,343
2022	9,887	6,822	11,257	472	4,536	0	5,729	2,241	8,348	2,343
2023	9,887	6,822	11,257	472	4,536	0	5,729	2,241	8,348	2,343
2024	9,887	6,822	11,257	472	4,536	0	5,729	2,241	8,348	2,343
2025	9,887	6,822	11,257	472	4,536	0	5,729	2,241	8,348	2,343
2026	9,887	6,822	11,257	472	4,536	0	5,729	2,241	8,348	2,343
2027	9,887	6,822	11,257	472	4,536	0	5,729	2,241	8,348	2,343
2028	9,887	6,822	11,257	472	4,536	0	5,729	2,241	8,348	2,343
2029	9,887	6,822	11,257	472	4,536	0	5,729	2,241	8,348	2,343
2030	9,887	6,822	11,257	472	4,536	0	5,729	2,241	8,348	2,343
2031	9,887	6,822	11,257	472	4,536	0	5,729	2,241	8,348	2,343
2032	9,887	6,822	11,257	472	4,536	0	5,729	2,241	8,348	2,343
2033	9,887	6,822	11,257	472	4,536	0	5,729	2,241	8,348	2,343
2034	9,887	6,822	11,257	472	4,536	0	5,729	2,241	8,348	2,343
2035	9,887	6,822	11,257	472	4,536	0	5,729	2,241	8,348	2,343
TOTAL	**95,937,680**	**53,588,816**	**90,319,270**	**2,497,268**	**82,040,134**	**708,148**	**23,669,341**	**16,641,019**	**51,512,926**	**28,310,957**

[a] 1983 through 2015 charges are debt service only and do not include bond cover; 2016 charges and after include both debt service and bond cover.

[b] 2009 through 2017 charges include Reid Gardner separation costs that are allocated to contractors based on theoretical energy use over the facility service life, 1983–2013.

TABLE B-16B Minimum OMP&R Component of Transportation Charge for Each Contractor for Off-Aqueduct Power Facilities[a,b] (in dollars)

Sheet 4 of 4

Calendar Year	SOUTHERN CALIFORNIA AREA (continued)				FEATHER RIVER AREA				
	San Gorgonio	Metropolitan	Ventura	Total	Yuba City	Butte	Plumas	Total	Total State Water Project[c]
	[29]	[30]	[31]	[32]	[33]	[34]	[35]	[36]	[37]
1971	0	0	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0	0
1983	0	12,791,358	0	16,045,220	0	0	0	0	20,182,468
1984	0	39,229,567	0	47,840,887	0	0	0	0	60,556,781
1985	0	77,446,523	0	89,844,437	0	0	0	0	108,590,343
1986	0	77,581,287	0	90,192,510	0	0	0	0	107,702,921
1987	0	68,939,195	0	82,614,055	0	0	0	0	99,411,597
1988	0	79,936,309	0	92,720,660	0	0	0	0	108,898,833
1989	0	68,311,546	0	78,302,473	0	0	0	0	89,857,307
1990	0	83,964,409	277,885	95,002,982	0	0	0	0	104,000,038
1991	0	54,214,229	132,209	61,123,236	0	0	0	0	64,233,890
1992	0	72,401,054	0	82,482,592	0	0	0	0	92,173,695
1993	0	55,312,615	0	69,847,379	0	0	0	0	87,174,348
1994	0	72,838,621	0	86,354,006	0	0	0	0	97,722,979
1995	0	40,862,813	0	56,786,199	0	0	0	0	74,988,898
1996	0	36,536,259	401	57,198,086	0	0	0	0	71,940,675
1997	0	37,121,379	108,559	54,131,368	0	0	0	0	65,536,671
1998	0	30,341,609	149,170	52,004,747	0	0	0	0	65,310,733
1999	0	42,257,580	106,226	58,122,094	0	0	0	0	72,133,666
2000	0	43,977,877	123,318	52,641,597	0	0	0	0	60,213,003
2001	0	49,405,276	84,868	56,980,422	0	0	0	0	62,827,875
2002	0	45,412,974	153,549	54,123,159	0	0	0	0	59,683,427
2003	3,303	41,917,356	129,134	48,071,447	0	0	0	0	53,245,891
2004	44,648	58,676,035	170,851	67,126,699	0	0	0	0	73,135,768
2005	41,448	56,220,579	61,131	66,633,000	0	0	0	0	75,946,420
2006	265,078	60,701,335	70,268	76,767,951	0	0	0	0	85,894,802
2007	248,328	61,354,857	119,861	76,763,990	0	0	0	0	83,828,015
2008	616,986	72,144,765	300,729	93,579,549	0	0	0	0	102,461,628
2009	819,589	71,530,603	313,357	93,493,812	0	0	0	0	102,494,682
2010	1,048,807	88,263,837	322,003	117,224,130	0	0	0	0	128,041,374
2011	954,501	80,381,761	225,564	100,750,482	0	0	0	0	113,077,671
2012	1,225,982	78,031,475	299,385	110,930,718	0	0	0	0	121,679,597
2013	679,437	49,351,291	144,019	63,597,885	0	0	0	0	71,469,014
2014	284,110	24,242,063	30,070	30,264,816	0	0	0	0	34,698,576
2015	92,664	15,050,985	28,825	18,810,001	0	0	0	0	21,206,746
2016	17,610	3,261,543	7,192	4,115,708	0	0	0	0	4,648,897
2017	**11,267**	**3,037,319**	**6,277**	**3,777,381**	**0**	**0**	**0**	**0**	**4,300,000**
2018	34,282	2,085,052	6,119	2,974,441	0	0	0	0	3,300,000
2019	2,067	126,403	369	180,477	0	0	0	0	200,000
2020	2,066	126,393	369	180,462	0	0	0	0	200,000
2021	2,066	126,393	369	180,462	0	0	0	0	200,000
2022	2,066	126,393	369	180,462	0	0	0	0	200,000
2023	2,066	126,393	369	180,462	0	0	0	0	200,000
2024	2,066	126,393	369	180,462	0	0	0	0	200,000
2025	2,066	126,393	369	180,462	0	0	0	0	200,000
2026	2,066	126,393	369	180,462	0	0	0	0	200,000
2027	2,066	126,393	369	180,462	0	0	0	0	200,000
2028	2,066	126,393	369	180,462	0	0	0	0	200,000
2029	2,066	126,393	369	180,462	0	0	0	0	200,000
2030	2,066	126,393	369	180,462	0	0	0	0	200,000
2031	2,066	126,393	369	180,462	0	0	0	0	200,000
2032	2,066	126,393	369	180,462	0	0	0	0	200,000
2033	2,066	126,393	369	180,462	0	0	0	0	200,000
2034	2,066	126,393	369	180,462	0	0	0	0	200,000
2035	2,066	126,393	369	180,462	0	0	0	0	200,000
TOTAL	**6,423,164**	**1,857,282,022**	**3,377,242**	**2,312,307,988**	**0**	**0**	**0**	**0**	**2,655,969,229**

[a] 1983 through 2015 charges are debt service only and do not include bond cover; 2016 charges and after include both debt service and bond cover.

[b] 2009 through 2017 charges include Reid Gardner separation costs that are allocated to contractors based on theoretical energy use over the facility service life, 1983–2013.

[c] Costs allocated to contractors in 1989 through 2002 are reduced by credits for Off-Aqueduct Power Facility costs allocated to the pumping of non-SWP water.

TABLE B-17 Unit Variable OMP&R Component of Transportation Charge (in dollars per acre-foot)

Calendar Year	NORTH BAY AQUEDUCT						SOUTH BAY AQUEDUCT		CALIFORNIA AQUEDUCT	
	Reach 1 Barker Slough Pumping Plant		Reach 3A Cordelia Pumping Plant Solano		Reach 3B Cordelia Pumping Plant Napa[a]		Reach 1 South Bay and Del Valle Pumping Plants[b]		Reach 1 Banks Pumping Plant	
	Unit Rate	Cumulative Unit Rate	Unit Rate	Cumulative Unit Rate	Unit Rate	Cumulative Unit Rate	Unit Rate	Cumulative Unit Rate	Unit Rate	Cumulative Unit Rate
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]
1961	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	4.1511341	4.1511341	0	0
1963	0	0	0	0	0	0	4.5639383	4.5639383	0	0
1964	0	0	0	0	0	0	3.5452154	3.5452154	0	0
1965	0	0	0	0	0	0	4.1911773	4.1911773	0	0
1966	0	0	0	0	0	0	3.5074573	3.5074573	0	0
1967	0	0	0	0	0	0	3.9306767	4.1752198	0.2445431	0.2445431
1968	0	0	0	0	5.7570017	5.7570017	3.3315620	4.8750942	1.5435322	1.5435322
1969	0	0	0	0	3.1823595	3.1823595	3.6949019	4.8016170	1.1067151	1.1067151
1970	0	0	0	0	3.7584301	3.7584301	4.4256141	5.3721490	0.9465349	0.9465349
1971	0	0	0	0	4.2082507	4.2082507	3.8714396	4.7522833	0.8808437	0.8808437
1972	0	0	0	0	3.9577735	3.9577735	4.3250690	5.2281686	0.9030996	0.9030996
1973	0	0	0	0	3.8103903	3.8103903	5.2455409	6.1841801	0.9386391	0.9386391
1974	0	0	0	0	3.5878850	3.5878850	6.3321503	7.2293909	0.8972406	0.8972406
1975	0	0	0	0	2.1606725	2.1606725	3.7365711	4.8327731	1.0962020	1.0962020
1976	0	0	0	0	2.9283909	2.9283909	4.5191527	5.7132795	1.1941268	1.1941268
1977	0	0	0	0	2.7516411	2.7516411	4.7630172	6.5309908	1.7679736	1.7679736
1978	0	0	0	0	3.5949619	3.5949619	5.2086183	6.8200210	1.6114026	1.6114026
1979	0	0	0	0	2.4747752	2.4747752	4.9524184	7.0944849	2.1420665	2.1420665
1980	0	0	0	0	2.9737588	2.9737588	4.5186576	5.8810391	1.3623815	1.3623815
1981	0	0	0	0	2.6488168	2.6488168	4.3834851	6.4541818	2.0706967	2.0706967
1982	0	0	0	0	10.0222589	10.0222589	5.6383622	7.4005197	1.7621575	1.7621575
1983	0	0	0	0	1.0240490	1.0240490	0.8686401	1.7143948	0.8457546	0.8457546
1984	0	0	0	0	1.6496750	1.6496750	2.7674018	3.9368186	1.1694168	1.1694168
1985	0	0	0	0	2.5224065	2.5224065	3.6942206	5.2987621	1.6045415	1.6045415
1986	0	0	0	0	4.4049446	4.4049446	7.2799222	10.5919298	3.3120077	3.3120077
1987	0	0	0	0	3.5386715	3.5386715	6.4837861	9.2276309	2.7438448	2.7438448
1988	1.1782643	1.1782643	0	1.1782643	4.4547478	5.6330121	6.1750026	8.8623074	2.6873049	2.6873049
1989	1.2715449	1.2715449	2.5423866	3.8139316	4.2807103	5.5522552	8.1617218	11.6840191	3.5222973	3.5222973
1990	2.0026083	2.0026083	4.2324041	6.2350124	5.8753602	7.8779685	11.7200790	15.8516543	4.1315753	4.1315753
1991	1.2486830	1.2486830	2.6246433	3.8733263	3.8057971	5.0544801	7.5402615	11.2354099	3.6951485	3.6951485
1992	0.7094386	0.7094386	1.4175705	2.1270091	2.3509123	3.0603509	4.0600958	6.3925272	2.3324315	2.3324315
1993	-0.3464574	-0.3464574	-0.6048649	-0.9513223	-1.0200530	-1.3665104	-1.4929934	-1.2571378	0.2358556	0.2358556
1994	1.4600287	1.4600287	2.6570107	4.1170394	4.2975560	5.7575847	7.9510779	11.2405895	3.2895116	3.2895116
1995	0.7544766	0.7544766	1.2974265	2.0519031	2.2753763	3.0298529	3.2312761	5.2610469	2.0297708	2.0297708
1996	1.6427835	1.6427835	2.7704025	4.4131859	4.7993051	6.4420886	8.0186492	11.3633990	3.3447498	3.3447498
1997	1.7801484	1.7801484	3.0246843	4.8048327	5.0575904	6.8377388	9.6521246	12.6148370	2.9627125	2.9627125
1998	-0.3253238	-0.3253238	-0.5570754	-0.8823992	-0.9104311	-1.2357549	-1.8866894	-1.7684350	0.1182544	0.1182544
1999	0.7843563	0.7843563	1.2927037	2.0770600	2.1913971	2.9757534	3.9861234	6.3557474	2.3696240	2.3696240
2000	1.3829278	1.3829278	1.9789654	3.3618932	3.0505466	4.4334744	6.3152141	8.6279347	2.3127206	2.3127206
2001	8.1780479	8.1780479	12.7154051	20.8934529	22.9802761	31.1583239	42.7861432	55.6945641	12.9084209	12.9084209
2002	4.1894843	4.1894843	5.3026984	9.4921827	8.9411156	13.1306000	18.1280636	24.2060285	6.0779649	6.0779649
2003	4.3318595	4.3318595	7.0890449	11.4209044	12.8010554	17.1329149	19.2856231	26.0104983	6.7248752	6.7248752
2004	4.9006056	4.9006056	6.4207890	11.3213946	12.6192952	17.5199009	19.8710473	27.1446743	7.2736270	7.2736270
2005	6.2706237	6.2706237	7.7072771	13.9779008	18.6144338	24.8850574	25.9514011	34.0659018	8.1145007	8.1145007
2006	5.4259377	5.4259377	6.2412600	11.6671976	18.2458557	23.6717934	22.8226972	29.6194124	6.7967153	6.7967153
2007	7.7565590	7.7565590	8.2045346	15.9610936	22.7900532	30.5466123	31.6227665	40.8504831	9.2277166	9.2277166
2008	7.7587563	7.7587563	10.0666989	17.8254552	21.9760357	29.7347920	28.5919449	40.9578318	12.3658869	12.3658869
2009	5.2291150	5.2291150	6.6742086	11.9033236	14.3314002	19.5605152	21.2131796	27.0988402	5.8856607	5.8856607
2010	6.0244466	6.0244466	8.7803566	14.8048032	16.7630949	22.7875415	24.7925097	35.7184619	10.9259523	10.9259523
2011	6.8810183	6.8810183	9.0458323	15.9268506	20.2556452	27.1366636	29.9707962	40.8032460	10.8324498	10.8324498
2012	6.9391963	6.9391963	9.6107660	16.5499622	19.2648925	26.2040888	31.5821999	42.0741970	10.4919971	10.4919971
2013	9.0016171	9.0016171	10.7222346	19.7238517	25.8706892	34.8723063	36.5729919	49.6652267	13.0922348	13.0922348
2014	10.6675197	10.6675197	14.9362696	25.6037893	31.5502018	42.2177215	45.0411127	64.6008573	19.5597446	19.5597446
2015	11.1070333	11.1070333	15.6052627	26.7122960	32.2272002	43.3342335	47.6577519	67.6344777	19.9767258	19.9767258
2016	12.0505437	12.0505437	17.0043249	29.0548686	27.3496651	39.4002088	42.4158667	61.0998848	18.6840181	18.6840181
2017	**13.6482513**	**13.6482513**	**22.5991385**	**36.2473898**	**34.4854191**	**48.1336704**	**40.1120752**	**55.4900856**	**15.3780104**	**15.3780104**
2018	13.8784935	13.8784935	22.9804890	36.8589826	35.0672790	48.9457725	41.0438323	57.1268034	16.0829711	16.0829711
2019	12.4298135	12.4298135	24.4961358	36.9259494	31.3103904	43.7402039	43.3114054	61.1859824	17.8745769	17.8745769
2020	12.7000651	12.7000651	25.0287597	37.7288247	31.9911596	44.6912246	44.2557523	58.0828204	13.8270681	13.8270681
2021	12.5008890	12.5008890	24.6361333	37.1370223	31.4893800	43.9902690	43.5616307	60.0619089	16.5002782	16.5002782
2022	12.6589549	12.6589549	24.9476752	37.6066301	31.8875431	44.5464980	44.1124805	60.5807489	16.4682684	16.4682684
2023	12.5923027	12.5923027	24.8164196	37.4087223	31.7196900	44.3119927	43.8802116	58.5000618	14.6198502	14.6198502
2024	12.6415004	12.6415004	24.9133409	37.5548414	31.8435706	44.4850710	44.0516216	58.6302448	14.5786233	14.5786233
2025	12.7153946	12.7153946	25.0589130	37.7743076	32.0297359	44.7451306	44.3091586	58.3408211	14.0316625	14.0316625
2026	12.4804206	12.4804206	24.5958444	37.0762651	31.4378301	43.9182507	43.4903205	59.6085946	16.1182741	16.1182741
2027	12.5697962	12.5697962	24.7719498	37.3417460	31.6629736	44.2327698	43.8017542	59.1271401	15.3253859	15.3253859
2028	12.6183868	12.6183868	24.8677309	37.4861177	31.7853617	44.4037485	43.9711302	59.0120236	15.0408934	15.0408934
2029	12.6590633	12.6590633	24.9479285	37.6069919	31.8878301	44.5468934	44.1128584	59.3482150	15.2353566	15.2353566
2030	12.7068734	12.7068734	25.0421893	37.7490627	32.0082664	44.7151397	44.2794848	56.5367451	12.2572603	12.2572603
2031	12.7099740	12.7099740	25.0482706	37.7582446	32.0160735	44.7260475	44.2902256	60.7605292	16.4703036	16.4703036
2032	12.4901995	12.4901995	24.6151020	37.1053015	31.4624570	43.9526564	43.5243918	60.6610271	17.1366353	17.1366353
2033	12.7573938	12.7573938	25.1417712	37.8991650	32.1355339	44.8929276	44.4555336	56.4953435	12.0398099	12.0398099
2034	12.5735906	12.5735906	24.7795515	37.3531421	31.6725603	44.2461509	43.8150355	59.1748840	15.3598486	15.3598486
2035	12.4980052	12.4980052	24.6305587	37.1285639	31.4821470	43.9801522	43.5516055	70.5986786	27.0470731	27.0470731

[a] For the period 1968 through 1987, rates are for an interim facility.

[b] The relatively minor costs of Del Valle Pumping Plant have been combined with those of South Bay Pumping Plant to simplify the allocation procedure.

TABLE B-17 Unit Variable OMP&R Component of Transportation Charge (in dollars per acre-foot)

Calendar Year	CALIFORNIA AQUEDUCT (continued)									
	Reach 4 Dos Amigos Pumping Plant		Reach 14A Buena Vista Pumping Plant		Reach 15A Teerink Pumping Plant		Reach 16A Chrisman Pumping Plant		Reach 17E Edmonston Pumping Plant	
	Unit Rate	Cumulative Unit Rate	Unit Rate	Cumulative Unit Rate	Unit Rate	Cumulative Unit Rate	Unit Rate	Cumulative Unit Rate	Unit Rate	Cumulative Unit Rate
	[11]	[12]	[13]	[14]	[15]	[16]	[17]	[18]	[19]	[20]
1961	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0
1968	1.0732031	2.6167353	0	0	0	0	0	0	0	0
1969	0.7028165	1.8095316	0	0	0	0	0	0	0	0
1970	0.7813430	1.7278778	0.3333333	2.0612111	0	0	0	0	0	0
1971	0.4125312	1.2933749	1.1407617	2.4341366	0.7218469	3.1559834	0	0	0	0
1972	0.5662758	1.4693754	0.8894941	2.3588694	0.8040021	3.1628715	1.8113853	4.9742569	7.3206022	12.2948591
1973	0.5996892	1.5383283	0.8469026	2.3852309	1.0302066	3.4154375	1.8458304	5.2612679	7.4512435	12.7125113
1974	0.5736894	1.4709300	0.8122890	2.2832190	0.9665911	3.2498101	1.7739395	5.0237496	6.9004732	11.9242227
1975	0.4606980	1.5569000	0.7554447	2.3123448	0.8894108	3.2017555	1.8682537	5.0700092	6.9962702	12.0662794
1976	0.5163828	1.7105095	0.9081491	2.6186586	0.9640628	3.5827214	2.1499640	5.7326854	7.9384515	13.6711369
1977	0.6138931	2.3818668	0.9835371	3.3654038	1.2303967	4.5958005	2.7357728	7.3315733	9.9990004	17.3305737
1978	0.4545898	2.0659925	0.9044582	2.9704506	0.9762058	3.9466564	1.8872449	5.8339014	7.0810192	12.9149206
1979	0.6587934	2.8008600	1.0519199	3.8527798	1.1976258	5.0504056	2.6012890	7.6516946	9.6345625	17.2862572
1980	0.8021465	2.1645280	1.3516057	3.5161337	1.5041463	5.0202800	3.1923433	8.2126233	10.9860288	19.1986521
1981	1.0923907	3.1630874	1.2409168	4.4040042	1.3219771	5.7259813	2.9592932	8.6852745	9.9649551	18.6502296
1982	0.8326785	2.5948359	1.2041660	3.7990019	1.3723736	5.1713756	2.8986491	8.0700247	10.2096358	18.2796606
1983	0.3647859	1.2105406	0.7590265	1.9695670	0.8857383	2.8553053	1.7623405	4.6176458	5.5086367	10.1262825
1984	0.6581523	1.8275691	1.0533611	2.8809302	1.2188270	4.0997572	2.5407768	6.6405340	8.2344665	14.8750006
1985	0.8726163	2.4771579	1.4204831	3.8976409	1.6516291	5.5492701	3.4695783	9.0188484	11.8181234	20.8369718
1986	1.3996542	4.7116618	2.3713282	7.0829901	2.7567970	9.8397871	5.9534613	15.7932484	20.6010240	36.3942724
1987	1.2912643	4.0351091	2.2344385	6.2695476	2.5459999	8.8155474	5.3141190	14.1296664	17.7628277	31.8924941
1988	1.1947837	3.8820886	2.1129991	5.9950877	2.4017135	8.3968012	5.0055748	13.4023759	16.6001692	30.0025452
1989	1.4935226	5.0158199	2.6947446	7.7105645	3.0084211	10.7189856	6.5499538	17.2689394	22.1795336	39.4484730
1990	1.8962463	6.0278216	3.3080372	9.3358588	3.7483036	13.0841624	8.6832678	21.7674302	31.0405219	52.8079521
1991	1.0437991	4.7389476	2.1132495	6.8521971	2.4154810	9.2676780	5.6823745	14.9500525	20.4744695	35.4245220
1992	0.9002103	3.2326417	1.4836761	4.7163178	1.7077297	6.4240475	3.5445788	9.9686263	12.0459599	22.0145862
1993	0.1605206	0.3963762	-0.1405164	0.2558598	-0.1312944	0.1245654	-0.7754796	-0.6509143	-3.5828989	-4.2338132
1994	1.4208578	4.7103693	2.5100856	7.2204549	2.8029168	10.0233717	6.0772944	16.1006661	21.5000984	37.6007645
1995	0.7974861	2.8272569	1.3474564	4.1747133	1.4945529	5.6692662	3.1250716	8.7943378	10.7461772	19.5405149
1996	1.6726383	5.0173881	2.5952092	7.6125973	2.8425227	10.4551200	6.3087407	16.7638607	22.6420778	39.4059385
1997	1.2769880	4.2397005	2.5012144	6.7409148	2.6893394	9.4302542	6.2890095	15.7192637	23.0714697	38.7907334
1998	-0.2195574	-0.1013030	-0.4232465	-0.5245494	-0.4504610	-0.9750105	-1.0585256	-2.0335361	-3.8077856	-5.8413217
1999	0.8412976	3.2109216	1.4071463	4.6180679	1.2831855	5.9012534	3.4289262	9.3301795	13.6776471	23.0078267
2000	0.9329791	3.2456997	1.6371180	4.8828178	1.8023858	6.6852036	4.2443196	10.9295232	15.5370734	26.4665966
2001	6.1327071	19.0411280	11.3023513	30.3434793	12.3930201	42.7364994	28.6439963	71.3804957	107.2108863	178.5913820
2002	2.6241510	8.7021160	4.6014508	13.3035668	5.0195661	18.3231329	11.6145173	29.9376502	43.1568537	73.0945038
2003	3.1186670	9.8435422	5.5847004	15.4282425	6.0839458	21.5121883	14.1509765	35.6631648	52.6129029	88.2760677
2004	3.3308086	10.6044356	5.8670943	16.4715299	6.3736662	22.8451961	14.8467033	37.6918994	55.1954462	92.8873456
2005	3.8324365	11.9469372	6.8775620	18.8244992	7.4553008	26.2798000	17.3347915	43.6145915	62.0851423	105.6997338
2006	3.1056782	9.9023935	5.7702305	15.6726240	6.2099396	21.8825636	14.5146252	36.3971888	46.2231736	82.6203624
2007	4.5130560	13.7407726	8.0770771	21.8178497	8.7444274	30.5622771	20.2730047	50.8352818	68.5883222	119.4236041
2008	4.7806627	17.1465496	8.8992367	26.0457863	10.3464784	36.3922647	21.5891194	57.9813841	68.8617605	126.8431446
2009	3.0950474	8.9807080	5.6803844	14.6610924	6.2868178	20.9479102	13.8621915	34.8101017	63.6310725	98.4411742
2010	4.1025490	15.0285013	7.0390876	22.0675889	7.6367372	29.7043261	17.4759473	47.1802734	64.8578039	112.0380773
2011	4.5736663	15.4061160	8.0443320	23.4504480	8.6659945	32.1164425	19.9425101	52.0589526	70.8487617	122.9077144
2012	4.7414022	15.2333993	8.2301173	23.4635165	9.0103751	32.4738916	20.7355174	53.2094090	73.8288314	127.0382404
2013	5.6432914	18.7355262	9.6815642	28.4170904	10.5484550	38.9655454	24.4524881	63.4180334	87.5980614	151.0160948
2014	8.3591575	27.9189021	13.6747187	41.5936208	15.1053722	56.6989930	34.5276323	91.2266253	125.6600845	216.8867098
2015	7.4153962	27.3921220	13.4330537	40.8251758	14.7882390	55.6134148	33.4446627	89.0580774	124.0000930	213.0581704
2016	5.4964895	24.1805076	10.7967261	34.9772337	11.8325979	46.8098315	27.1594948	73.9693264	100.4531234	174.4224497
2017	**6.7379845**	**22.1159949**	**12.0583164**	**34.1743113**	**13.0672326**	**47.2415438**	**30.3117361**	**77.5532799**	**112.6969523**	**190.2502323**
2018	7.0692342	23.1522052	12.8202492	35.9724544	13.9243827	49.8968371	32.3246413	82.2214784	120.2637636	202.4852421
2019	7.3435669	25.2181438	13.0716229	38.2897667	14.1380739	52.4278406	32.7662161	85.1940567	121.7728942	206.9669510
2020	7.6689718	21.4960399	13.8060515	35.3020914	14.9601690	50.2622604	34.6929708	84.9552312	129.0075948	213.9628260
2021	7.5133981	24.0136763	13.4928562	37.5065325	14.6148804	52.1214129	33.8876640	86.0090769	125.9972379	212.0063148
2022	7.6539251	24.1221935	13.7882287	37.9104222	14.9425150	52.8529372	34.6533160	87.5062532	128.8645747	216.3708279
2023	7.6636111	22.2834614	13.8535313	36.1369926	15.0218914	51.1588840	34.8440697	86.0029537	129.5969599	215.5999135
2024	7.5965498	22.1751731	13.6409105	35.8160836	14.7750193	50.5911029	34.2588035	84.8499064	127.3765585	212.2264648
2025	7.7176163	21.7492788	13.9311533	35.6804321	15.1024662	50.7828984	35.0281821	85.8110805	130.2721158	216.0831962
2026	7.4588993	23.5771734	13.3558116	36.9329850	14.4594751	51.3924601	33.5219381	84.9143982	124.6188637	209.5332619
2027	7.6465425	22.9719284	13.8194456	36.7913740	14.9843494	51.7757234	34.7565388	86.5322623	129.2698435	215.8021058
2028	7.5790867	22.6199801	13.6062010	36.2261811	14.7368269	50.9630080	34.1697846	85.1327927	127.0439875	212.1767801
2029	7.6721964	22.9075531	13.8384620	36.7460150	15.0000607	51.7460757	34.7891775	86.5352532	129.3781071	215.9133603
2030	7.6053462	19.8626065	13.6283347	33.4909412	14.7563496	48.2472908	34.2116094	82.4589002	127.1876218	209.6465220
2031	8.0026688	24.4729724	14.7372376	39.2102100	16.0299233	55.2401333	37.2210183	92.4611516	138.5717733	231.0329249
2032	7.2823271	24.4189624	12.8769780	37.2959404	13.9125881	51.2085285	32.2321043	83.4406328	119.7482257	203.1888585
2033	8.0224081	20.0622180	14.7631599	34.8253779	16.0561971	50.8815750	37.2805276	88.1621027	138.7881370	226.9502396
2034	7.3779964	22.7378449	13.0879691	35.8258140	14.1478842	49.9736982	32.7828852	82.7565834	121.8139557	204.5705391
2035	8.4083678	35.4554408	16.1022683	51.5577092	17.6340306	69.1917398	41.0395607	110.2313005	153.1144904	263.3457909

TABLE B-17 Unit Variable OMP&R Component of Transportation Charge (in dollars per acre-foot)

Sheet 3 of 5

	CALIFORNIA AQUEDUCT (continued)							
	Reach 18A Alamo Powerplant		Reach 22B Pearblossom Pumping Plant		Reach 23 Mojave Siphon Powerplant		Reach 26A Devil Canyon Powerplant	
Calendar Year	Unit Rate	Cumulative Unit Rate	Unit Rate	Cumulative Unit Rate	Unit Rate	Cumulative Unit Rate	Unit Rate	Cumulative Unit Rate
	[21]	[22]	[23]	[24]	[25]	[26]	[27]	[28]
1961	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0	0
1972	0	0	1.9331104	14.2279695	0	0	-2.3717647	11.8562048
1973	0	0	3.8751940	16.5877053	0	0	-8.9027252	7.6849801
1974	0	0	3.1602116	15.0844343	0	0	-5.3440968	9.7403376
1975	0	0	3.0210558	15.0873353	0	0	-5.7803309	9.3070043
1976	0	0	3.7579009	17.4290378	0	0	-6.6439666	10.7850713
1977	0	0	3.0796474	20.4102211	0	0	-12.0911833	8.3190378
1978	0	0	4.0233030	16.9382236	0	0	-8.2569506	8.6812730
1979	0	0	5.0776468	22.3639040	0	0	-9.7140035	12.6499005
1980	0	0	4.3918283	23.5904804	0	0	-8.3797007	15.2107797
1981	0	0	3.9973528	22.6475824	0	0	-6.7528590	15.8947235
1982	0	0	3.6829998	21.9626604	0	0	-6.9238898	15.0387706
1983	0	0	1.7205305	11.8468130	0	0	-23.7923457	-11.9455328
1984	0	0	2.4763871	17.3513877	0	0	-29.2940447	-11.9426570
1985	0	0	3.4967556	24.3337274	0	0	-30.7672356	-6.4335082
1986	-2.3583180	34.0359544	5.9864597	40.0224141	0	0	-29.2499580	10.7724561
1987	-2.5482255	29.3442686	5.0535029	34.3977715	0	0	-29.7006534	4.6971181
1988	-1.3847067	28.6178385	4.7392460	33.3570844	0	0	-29.0334518	4.3236326
1989	-1.1019487	38.3465243	6.4066114	44.7531357	0	0	-28.3706997	16.3824360
1990	-1.0673268	51.7406253	8.9787944	60.7194197	0	0	-28.8797266	31.8396931
1991	-1.5206590	33.9038630	6.0785417	39.9824047	0	0	-30.3294563	9.6529484
1992	-2.6080003	19.4065859	3.6219501	23.0285360	0	0	-29.7938993	-6.7653633
1993	-0.1885524	-4.4223656	-1.0192774	-5.4416430	0	0	-30.6629489	-36.1045919
1994	-0.1279266	37.4728379	6.4513573	43.9241952	0	0	-30.4781656	13.4460296
1995	-3.4425314	16.0979836	3.3643070	19.4622905	0	0	-30.3517624	-10.8894719
1996	-5.9839345	33.4220040	6.6794995	40.1015035	-2.3423415	37.7591620	-29.5900574	8.1691046
1997	-4.7847600	34.0059734	6.8397922	40.8457656	-3.8632009	36.9825646	-30.6066647	6.3758999
1998	-5.0614104	-10.9027321	-1.3239652	-12.2266973	-3.7700558	-15.9967531	-30.4293072	-46.4260603
1999	-4.8990186	18.1088081	3.7378677	21.8466757	-5.1563836	16.6902921	-30.2385322	-13.5482400
2000	-5.3488706	21.1177260	4.5812734	25.6989994	-5.1804371	20.5185623	-30.2852311	-9.7666688
2001	-4.6452108	173.9461712	30.0519705	203.9981416	-5.7699537	198.2281879	-30.9018397	167.3263483
2002	-5.4660286	67.6284752	12.9716035	80.6000788	-6.4072101	74.1928686	-30.1661590	44.0267096
2003	-3.3142156	84.9618520	15.4235840	100.3854360	-7.1779336	93.2075024	-30.3892607	62.8182418
2004	-5.5767140	87.3106316	16.2223264	103.5329580	-7.4292488	96.1037093	-30.2389380	65.8647713
2005	-5.5017080	100.1980258	17.9086202	118.1066460	-6.6110924	111.4955536	-30.2939296	81.2016240
2006	-3.1387155	79.4816469	13.4499174	92.9315643	-5.4976224	87.4339418	-29.8005787	57.6333631
2007	-2.7809944	116.6426096	20.0909768	136.7335865	-6.1785168	130.5550697	-30.0961198	100.4589500
2008	-5.4028716	121.4402730	19.4618461	140.9021191	-6.0198040	134.8823151	-30.7631237	104.1191914
2009	-6.3446584	92.0965158	21.4368911	113.5334069	-5.4878092	108.0455978	-33.3163094	74.7292884
2010	-5.1259757	106.9121016	18.8366105	125.7487121	-6.4398404	119.3088717	-28.6783430	90.6305287
2011	-5.2103711	117.6973433	20.8526451	138.5499884	-7.1272044	131.4227840	-29.9982569	101.4245272
2012	-2.7221204	124.3161200	21.7626077	146.0787277	-11.4254128	134.6533149	-30.6216868	104.0316281
2013	-3.7638094	147.2522854	25.9234628	173.1757482	-10.3251093	162.8506389	-30.7664075	132.0842314
2014	-8.1801225	208.7065873	38.3996499	247.1062372	-7.8617556	239.2444816	-29.6636049	209.5808766
2015	-9.0904712	203.9676992	40.2283289	244.1960281	-9.4086610	234.7873672	-29.7044693	205.0828979
2016	-11.2000464	163.2224033	32.5872380	195.8096412	-14.2556316	181.5540097	-28.5973974	152.9566123
2017	**-13.6285375**	**176.6216947**	**33.1870920**	**209.8087867**	**-20.5814926**	**189.2272941**	**-30.2784086**	**158.9488855**
2018	-15.0172257	187.4680164	37.6781100	225.1461264	-23.1085927	202.0375337	-34.0416188	167.9959149
2019	-12.0347589	194.9321921	32.9592745	227.8914665	-19.4902619	208.4012046	-29.4683835	178.9328211
2020	-12.6192915	201.3435345	35.5829609	236.9264954	-20.6598260	216.2666694	-31.2028139	185.0638555
2021	-12.5819538	199.4243610	34.9035961	234.3279571	-20.5837808	213.7441764	-30.3333339	183.4108425
2022	-12.6199978	203.7508301	35.4700894	239.2209195	-20.6612656	218.5596538	-29.6429696	188.9166842
2023	-14.6820674	200.9178461	36.1202949	237.0381410	-21.1832038	215.8549372	-30.7397390	185.1151982
2024	-13.9434906	198.2829742	34.1370111	232.4199853	-19.8666037	212.5533816	-30.2802924	182.2730892
2025	-14.5460828	201.5371134	36.0771439	237.6142573	-20.9383041	216.6759532	-30.0858431	186.5901101
2026	-14.0897278	195.4435341	34.1143937	229.5579278	-20.1246754	209.4332523	-30.5058592	178.9273932
2027	-14.4442451	201.3578607	35.3714948	236.7293554	-20.7556426	215.9737128	-30.2766567	185.6970561
2028	-14.2530704	197.9237098	34.9589391	232.8826489	-20.4144459	212.4682030	-30.5834057	181.8847973
2029	-14.3441399	201.5692204	35.3338333	236.9030537	-20.5767035	216.3263502	-30.1691756	186.1571746
2030	-14.1710283	195.4754937	34.9674634	230.4429571	-20.2687015	210.1742556	-30.2989829	179.8752727
2031	-14.9279127	216.1050123	37.1771132	253.2821255	-21.6288643	231.6532611	-30.4129691	201.2402921
2032	-13.5566311	189.6322273	32.6435721	222.2757995	-19.1900078	203.0857917	-29.4038947	173.6818970
2033	-15.0698094	211.8804302	37.7345332	249.6149634	-21.8878068	227.7271566	-31.5314181	196.1957385
2034	-13.8185923	190.7519467	33.5999892	224.3519360	-19.6471984	204.7047376	-29.2718498	175.4328878
2035	-15.3045246	248.0412664	37.6487651	285.6900314	-22.3189175	263.3711139	-31.9702383	231.4008756

TABLE B-17 Unit Variable OMP&R Component of Transportation Charge (in dollars per acre-foot)

Calendar Year	CALIFORNIA AQUEDUCT (continued)							
	Reach 2B (EBX) Greenspot Pump Station		Reach 3A (EBX) Crafton Hills Pump Station		Reach 4B (EBX) Cherry Valley Pump Station		Reach 29A Oso Pumping Plant	
	Unit Rate	Cumulative Unit Rate	Unit Rate	Cumulative Unit Rate	Unit Rate	Cumulative Unit Rate	Unit Rate	Cumulative Unit Rate
	[29]	[30]	[31]	[32]	[33]	[34]	[35]	[36]
1961	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	1.1017349	13.3965941
1973	0	0	0	0	0	0	0.7905574	13.5030687
1974	0	0	0	0	0	0	0.7530214	12.6772442
1975	0	0	0	0	0	0	0.8405850	12.9068644
1976	0	0	0	0	0	0	0.7771828	14.4483197
1977	0	0	0	0	0	0	0.6152458	17.9458194
1978	0	0	0	0	0	0	0.5222831	13.4372037
1979	0	0	0	0	0	0	0.7045701	17.9908273
1980	0	0	0	0	0	0	1.4269064	20.6255585
1981	0	0	0	0	0	0	1.5684309	20.2186605
1982	0	0	0	0	0	0	1.4942585	19.7739190
1983	0	0	0	0	0	0	1.2818887	11.4081712
1984	0	0	0	0	0	0	1.7796296	16.6546302
1985	0	0	0	0	0	0	2.1683838	23.0053556
1986	0	0	0	0	0	0	3.2288411	39.6231134
1987	0	0	0	0	0	0	3.1272967	35.0197908
1988	0	0	0	0	0	0	2.9878581	32.9904032
1989	0	0	0	0	0	0	3.5262089	42.9746819
1990	0	0	0	0	0	0	3.6810660	56.4890182
1991	0	0	0	0	0	0	2.1853025	37.6098245
1992	0	0	0	0	0	0	1.9048343	23.9194204
1993	0	0	0	0	0	0	0.1569728	-4.0768404
1994	0	0	0	0	0	0	3.0638504	40.6646149
1995	0	0	0	0	0	0	1.5724835	21.1129984
1996	0	0	0	0	0	0	3.1318961	42.5378346
1997	0	0	0	0	0	0	2.7928728	41.5836062
1998	0	0	0	0	0	0	-0.3226129	-6.1639346
1999	0	0	0	0	0	0	1.8332567	24.8410833
2000	0	0	0	0	0	0	1.8284824	28.2950790
2001	0	0	0	0	0	0	13.5376135	192.1289954
2002	0	0	0	0	0	0	4.8843428	77.9788467
2003	0	0	0	0	0	0	6.1233062	94.3993738
2004	20.6831806	86.5479519	21.4551370	108.0030889	8.6683948	116.6714837	6.4696629	99.3570085
2005	18.8666468	100.0682708	17.9350642	118.0033350	3.6760116	121.6793465	7.3193726	113.0191064
2006	17.3897441	75.0231072	21.4927481	96.5158553	22.6369517	119.1528070	5.2194188	87.8397812
2007	20.4327334	120.8916834	28.3594988	149.2511821	63.0683616	212.3195437	8.1423808	127.5659848
2008	16.8411646	120.9603561	23.7886276	144.7489837	7.1321689	151.8811526	8.5368878	135.3800324
2009	17.5432149	92.2725032	23.7664326	116.0389358	3.9665543	120.0054901	6.8975698	105.3387440
2010	17.0449437	107.6754724	24.2469592	131.9224316	3.4313175	135.3537491	7.9658290	120.0039063
2011	18.0948625	119.5193897	25.1711299	144.6905196	3.5706900	148.2612096	8.4441273	131.3518416
2012	18.9924808	123.0241089	26.7679364	149.7920452	4.5245631	154.3166083	8.7667646	135.8050050
2013	23.7219961	155.8062275	32.5629060	188.3691335	7.3214018	195.6905353	10.3732537	161.3893485
2014	32.1056030	241.6864796	46.3366508	288.0231304	10.2913997	298.3145301	14.9556969	231.8424066
2015	34.9774528	240.0603506	48.6136114	288.6739621	4.3175352	292.9914972	14.4085461	227.4667165
2016	35.7410562	188.6976685	44.9618002	233.6594687	10.0353929	243.6948616	10.2000898	184.6225395
2017	**45.9383430**	**204.8872284**	**57.3306358**	**262.2178643**	**11.8141809**	**274.0320452**	**13.3403914**	**203.5906237**
2018	46.6449904	214.6409053	58.2125241	272.8534294	11.9959158	284.8493452	13.3931861	215.8784282
2019	49.1615607	228.0943818	61.3532755	289.4476573	12.6431078	302.0907651	14.4231622	221.3901131
2020	50.2305395	235.2943950	62.6871869	297.9815819	12.9180203	310.8996022	15.0860244	229.0488504
2021	49.4426782	232.8535207	61.7040462	294.5575669	12.7154822	307.2730492	14.6514131	226.6577278
2022	50.0679191	238.9846033	62.4842967	301.4689000	12.8762690	314.3451690	15.1059740	231.4768019
2023	49.8042389	234.9194371	62.1552987	297.0747358	12.8085025	309.8832383	15.0331358	230.6330494
2024	49.9988439	232.2719331	62.3980732	294.6700063	12.8585025	307.5285089	15.3199566	227.5464214
2025	50.2911368	236.8812469	62.7628131	299.6440600	12.9336294	312.5776895	15.1950566	231.2782528
2026	49.3617534	228.2891465	61.6029865	289.8921331	12.6946701	302.5868031	14.6407933	224.1740551
2027	49.7152216	235.4122777	62.0441233	297.4564010	12.7855330	310.2419340	15.2711728	231.0732786
2028	49.9074181	231.7922154	62.2840077	294.0762231	12.8350254	306.9112485	14.8689448	227.0457249
2029	50.0683044	236.2254790	62.4847784	298.7102574	12.8763959	311.5866533	15.2969575	231.2103178
2030	50.2574181	230.1326908	62.7208093	292.8535001	12.9250000	305.7785001	14.8842614	224.5307834
2031	50.2696532	251.5099453	62.7360308	314.2459761	12.9281726	327.1741487	16.8881565	247.9210814
2032	49.4003854	223.0822824	61.6512524	284.7335348	12.7045685	297.4381033	14.0341648	217.2230232
2033	50.4572254	246.6529639	62.9702312	309.6231951	12.9763959	322.5995911	16.6719395	243.6221792
2034	49.7302505	225.1631383	62.0629094	287.2260477	12.7894670	300.0155147	14.1329165	218.7034555
2035	49.4313102	280.8321858	61.6897881	342.5219739	12.7125635	355.2345373	21.2269134	284.5727043

TABLE B-17 Unit Variable OMP&R Component of Transportation Charge (in dollars per acre-foot)

Sheet 5 of 5

Calendar Year	CALIFORNIA AQUEDUCT (continued)							
	Reach 29G Warne Powerplant		Reach 29J Castaic Powerplant		Reach 31A Las Perillas and Badger Hill Pumping Plants		Reach 33A Devil's Den, Bluestone, and Polonio Pass Pumping Plants	
	Unit Rate	Cumulative Unit Rate	Unit Rate	Cumulative Unit Rate	Unit Rate	Cumulative Unit Rate	Unit Rate	Cumulative Unit Rate
	[37]	[38]	[39]	[40]	[41]	[42]	[43]	[44]
1961	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0
1968	0	0	0	0	1.5014866	4.1182219	0	0
1969	0	0	0	0	1.2624066	3.0719381	0	0
1970	0	0	0	0	1.6309699	3.3588477	0	0
1971	0	0	0	0	1.4985537	2.7919286	0	0
1972	0	0	-2.9350830	10.4615111	1.9517720	3.4211474	0	0
1973	0	0	-6.8099448	6.6931239	1.5374531	3.0757814	0	0
1974	0	0	-7.4013274	5.2759168	1.5168982	2.9878282	0	0
1975	0	0	-6.5604921	6.3463723	1.1130304	2.6699305	0	0
1976	0	0	-6.7213324	7.7269873	1.5685447	3.2790543	0	0
1977	0	0	-30.4985994	-12.5527800	1.7573375	4.1392043	0	0
1978	0	0	-9.0130187	4.4241850	1.9429506	4.0089431	0	0
1979	0	0	-19.0478097	-1.0569824	1.5600341	4.3608941	0	0
1980	0	0	-20.5438586	0.0816999	1.5124754	3.6770034	0	0
1981	0	0	-10.0059379	10.2127225	1.5414199	4.7045073	0	0
1982	-2.1714430	17.6024760	-9.5987314	8.0037446	1.7581649	4.3530008	0	0
1983	-8.9130752	2.4950960	-39.8193120	-37.3242160	0.1782765	1.3888171	0	0
1984	-15.0246012	1.6300290	-17.3126964	-15.6826674	0.8546712	2.6822403	0	0
1985	-14.7115359	8.2938197	-38.9450629	-30.6512432	1.2014351	3.6785929	0	0
1986	-14.1893653	25.4337481	-28.1596224	-2.7258742	2.2635886	6.9752505	0	0
1987	-14.8696165	20.1501743	-27.0536484	-6.9034741	1.9135072	5.9486162	0	0
1988	-14.7032843	18.2871189	-25.6857024	-7.3985835	1.7733386	5.6554272	0	0
1989	-14.4231503	28.5515316	-25.3986130	3.1529186	2.4159040	7.4317239	0	0
1990	-14.1850383	42.3039798	-26.0776142	16.2263657	3.7962150	9.8240367	0	0
1991	-14.7118704	22.8979541	-25.0234633	-2.1255092	2.4131016	7.1520492	0	0
1992	-14.6199430	9.2994774	-25.1951357	-15.8956583	1.2766372	4.5092789	0	0
1993	-10.3386607	-14.4155011	-21.1218973	-35.5373984	-1.1726172	-0.7762411	0	0
1994	-14.7696788	25.8949361	-26.7437304	-0.8487943	2.3645104	7.0748798	0	0
1995	-12.2705974	8.8424010	-25.6907993	-16.8483983	2.5750402	5.4022971	0	0
1996	-14.8515762	27.6862584	-29.5639188	-1.8776604	2.5837041	7.6010922	0	0
1997	-14.9272063	26.6563999	-27.1541858	-0.4977859	2.7029648	6.9426653	24.4572499	31.3999152
1998	-8.6695834	-14.8335180	-22.2303491	-37.0638671	-0.5072304	-0.6085333	-4.1828906	-4.7914239
1999	-14.9340263	9.9070570	-27.0443818	-17.1373248	1.3343489	4.5452705	9.5757906	14.1210611
2000	-14.1657261	14.1293529	-26.9670096	-12.8376567	1.9210288	5.1667286	14.2694428	19.4361713
2001	-16.7349304	175.3940651	-29.2914159	146.1026492	12.3497747	31.3909026	93.4183473	124.8092500
2002	-13.2004543	64.7783923	-23.7780808	41.0003115	5.4523570	14.1544730	42.2356453	56.3901183
2003	-13.9757172	80.4236566	-23.8496317	56.5740249	6.2991021	16.1426443	48.5395958	64.6822401
2004	-14.1574758	85.1995327	-25.2967499	59.9027828	6.4579354	17.0623710	52.5252011	69.5875721
2005	-14.2938796	98.7252268	-24.7472457	73.9779811	8.2000327	20.1469699	62.1217478	82.2687176
2006	-14.0865037	73.7532775	-23.8861273	49.8671502	7.3537028	17.2560963	51.8001830	69.0562794
2007	-12.5169061	115.0490788	-25.0603889	89.9886899	9.9286839	23.6694565	73.4057069	97.0751634
2008	-13.8809446	121.4990878	-29.0198140	92.4792738	10.5133875	27.6599371	79.5098036	107.1697407
2009	-10.4812488	94.8574952	-24.7512646	70.1062306	6.7812125	15.7619205	62.9603277	78.7222483
2010	-13.8211960	106.1827104	-26.2504816	79.9322288	8.4810305	23.5095318	68.9425325	92.4520643
2011	-14.1584994	117.1933422	-28.7386599	88.4546823	9.7860943	25.1922104	85.5814464	110.7736567
2012	-13.8982775	121.9067275	-25.6245942	96.2821334	9.2206114	24.4540107	86.2392613	110.6932719
2013	-14.3636831	147.0256653	-25.5768325	121.4488329	12.3037862	31.0393124	94.6940145	125.7333269
2014	-14.0124517	217.8299550	-26.4213846	191.4085704	16.5250256	44.4439277	105.4565722	149.9004999
2015	-13.2774506	214.1892659	-23.3700144	190.8192516	16.8218942	44.2140162	127.4233757	171.6373919
2016	-10.9083940	173.7141455	-17.7724471	155.9416984	10.7730599	34.9535675	97.7156539	132.6692213
2017	**-13.9082802**	**189.6823434**	**-23.4970454**	**166.1852981**	**11.7369335**	**33.8529284**	**90.7829882**	**124.6359166**
2018	-13.8949087	201.9835195	-23.3584656	178.6250539	11.9667921	35.1189973	92.5981688	127.7171661
2019	-14.0724428	207.3176703	-23.1032119	184.2144584	8.5461204	33.7642643	133.1765892	166.9408535
2020	-14.4258559	214.6229945	-23.6619122	190.9610823	8.7370749	30.2331148	136.0721877	166.3053025
2021	-14.2317030	212.4260248	-23.3400745	189.0859504	8.6000374	32.6137137	133.9379986	166.5517123
2022	-14.4897801	216.9870218	-23.7723701	193.2146517	8.7087849	32.8309784	135.6316733	168.4626517
2023	-14.4614789	216.1715705	-23.7831872	192.3883833	8.6629293	30.9463906	134.9175278	165.8639184
2024	-14.7008567	212.8455648	-24.1501159	188.6954489	8.6967734	30.8719465	135.4445644	166.3165109
2025	-14.4943806	216.7838722	-23.8071162	192.9767560	8.7476122	30.4968910	136.2363958	166.7332868
2026	-14.2447458	209.9293093	-23.3618322	186.5674771	8.5859599	32.1631333	133.7187109	165.8818442
2027	-14.7539403	216.3193384	-24.2117981	192.1075402	8.6474399	31.6193683	134.6762966	166.2956649
2028	-14.2746730	212.7710519	-23.4685615	189.3024904	8.6808791	31.3008592	135.1970742	166.4979334
2029	-14.6408478	216.5694700	-24.0789419	192.4905280	8.7088576	31.6164107	135.6328269	167.2492376
2030	-14.2066091	210.3241743	-23.3263404	186.9978339	8.7417570	28.6043635	136.1451609	164.7495244
2031	-16.1215775	231.7995039	-26.5319523	205.2675516	8.7438748	33.2168472	136.1781743	169.3950216
2032	-13.6433816	203.5796416	-22.3573597	181.2222819	8.5926872	33.0116496	133.8234948	166.8351443
2033	-15.8728786	227.7493005	-26.0850574	201.6642431	8.7765147	28.8387327	136.6864338	165.5251665
2034	-13.6133890	205.0900666	-22.3654849	182.7245817	8.6500664	31.3879114	134.7171154	166.1050268
2035	-20.6030162	263.9696881	-34.1307171	229.8389710	8.5980545	44.0534953	133.9071697	177.9606650

Tables B-18 through B-31

Note: Where applicable, the projected data values shown in this appendix are shaded and the bill year data are in **bold** type.

TABLE B-18 Variable OMP&R Component of Transportation Charge for Each Contractor[a] (in dollars)

Sheet 1 of 4

Calendar Year	NORTH BAY AREA			SOUTH BAY AREA				CENTRAL COASTAL AREA		
	Napa	Solano	Total	Alameda-Zone 7	Alameda County	Santa Clara	Total	San Luis Obispo	Santa Barbara	Total
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]
1961	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	2,051	34,919	0	36,970	0	0	0
1963	0	0	0	7,900	49,811	0	57,711	0	0	0
1964	0	0	0	5,931	68,203	0	74,134	0	0	0
1965	0	0	0	10,918	68,765	62,926	142,609	0	0	0
1966	0	0	0	19,330	52,135	121,141	192,606	0	0	0
1967	0	0	0	19,958	53,785	163,255	236,998	0	0	0
1968	6,989	0	6,989	29,899	120,985	341,768	492,652	0	0	0
1969	8,551	0	8,551	31,859	3,904	298,968	334,731	0	0	0
1970	13,598	0	13,598	49,687	0	431,443	481,130	0	0	0
1971	10,609	0	10,609	23,842	28,328	416,329	468,499	0	0	0
1972	14,434	0	14,434	54,838	144,669	524,208	723,715	0	0	0
1973	14,449	0	14,449	18,398	15,590	547,807	581,795	0	0	0
1974	17,473	0	17,473	9,499	29	636,186	645,714	0	0	0
1975	14,779	0	14,779	22,318	4,765	425,284	452,367	0	0	0
1976	20,856	0	20,856	97,874	121,693	502,769	722,336	0	0	0
1977	22,635	0	22,635	82,578	123,044	497,792	703,414	0	0	0
1978	21,692	0	21,692	74,911	39,986	652,860	767,757	0	0	0
1979	16,237	0	16,237	137,101	77,145	652,629	866,875	0	0	0
1980	19,945	0	19,945	98,743	64,891	517,531	681,165	0	0	0
1981	23,842	0	23,842	126,437	141,456	567,968	835,861	0	0	0
1982	12,157	0	12,157	97,117	46,742	651,246	795,105	0	0	0
1983	2,342	0	2,342	8,171	5,412	148,743	162,326	0	0	0
1984	4,822	0	4,822	26,707	13,141	349,314	389,162	0	0	0
1985	10,188	0	10,188	79,863	102,790	466,291	648,944	0	0	0
1986	15,501	0	15,501	112,370	131,118	932,090	1,175,578	0	0	0
1987	27,223	0	27,223	216,211	234,290	812,631	1,263,132	0	0	0
1988	31,265	11,533	42,798	229,578	297,129	779,537	1,306,244	0	0	0
1989	37,874	66,850	104,724	306,533	304,275	1,051,562	1,662,370	0	0	0
1990	54,736	105,421	160,157	524,114	502,545	1,456,008	2,482,667	0	0	0
1991	8,159	18,824	26,983	105,736	142,105	316,839	564,680	0	(2,636)	(2,636)
1992	12,515	23,808	36,323	93,772	122,436	273,849	490,057	0	0	0
1993	(7,223)	(17,293)	(24,516)	(36,162)	(12,912)	(78,024)	(127,098)	0	0	0
1994	39,106	77,257	116,363	231,800	257,533	642,006	1,131,339	0	0	0
1995	15,701	36,724	52,425	160,663	93,610	151,287	405,560	0	0	0
1996	31,526	96,570	128,096	214,883	186,694	735,431	1,137,008	502	0	502
1997	29,683	116,555	146,238	351,185	219,799	912,861	1,483,845	34,932	233,584	268,516
1998	(6,622)	(19,825)	(26,447)	(8,777)	(18,989)	(72,459)	(100,225)	(17,211)	(89,207)	(106,418)
1999	15,783	52,547	68,330	251,523	188,675	432,833	873,031	52,855	284,356	337,211
2000	21,981	93,786	115,767	376,893	238,402	752,225	1,367,520	77,006	441,998	519,004
2001	291,175	533,810	824,984	1,698,720	1,002,725	2,485,014	5,186,458	534,558	2,364,636	2,899,194
2002	90,273	266,110	356,383	1,067,733	640,899	1,453,943	3,162,575	245,579	1,558,397	1,803,976
2003	130,947	265,394	396,341	1,076,957	647,785	2,301,141	4,025,883	288,030	1,744,351	2,032,381
2004	141,670	355,420	497,090	1,325,708	624,580	1,613,968	3,564,256	289,832	2,067,099	2,356,931
2005	189,098	393,118	582,216	1,483,817	849,101	2,494,389	4,827,307	349,724	1,920,481	2,270,205
2006	181,883	316,938	498,821	1,297,386	734,802	2,170,785	4,202,973	290,658	1,607,285	1,897,943
2007	332,074	604,832	936,906	1,610,876	899,784	2,704,487	5,215,147	366,556	2,692,865	3,059,421
2008	394,616	526,713	921,328	1,565,262	766,551	1,938,341	4,270,154	364,591	1,971,173	2,335,765
2009	213,081	272,097	485,178	842,422	500,631	1,550,921	2,893,974	299,212	1,216,304	1,515,516
2010	282,394	305,699	588,094	1,422,050	661,372	2,041,523	4,124,944	347,342	1,643,335	1,990,678
2011	306,587	308,357	614,944	1,751,514	950,308	2,966,321	5,668,143	423,045	2,359,387	2,782,431
2012	259,150	327,037	586,187	1,779,054	675,142	2,425,114	4,879,309	436,574	2,155,641	2,592,215
2013	436,320	530,290	966,610	2,152,841	1,099,144	3,140,284	6,392,269	462,824	2,265,463	2,728,287
2014	597,291	394,016	991,306	1,537,793	1,197,100	2,159,473	4,894,366	477,960	2,493,770	2,971,730
2015	484,203	502,806	987,009	1,468,763	937,040	3,123,464	5,529,267	595,557	1,993,900	2,589,457
2016	521,798	708,400	1,230,198	2,734,504	685,491	4,479,782	7,899,777	534,922	3,329,599	3,864,522
2017	**838,248**	**569,466**	**1,407,714**	**2,684,111**	**928,176**	**3,329,405**	**6,941,692**	**1,627,247**	**3,401,563**	**5,028,810**
2018	852,391	579,073	1,431,464	2,763,281	967,484	3,570,539	7,301,305	1,676,288	3,485,657	5,161,945
2019	761,736	549,512	1,311,248	2,959,627	1,059,342	3,671,159	7,690,128	2,197,109	4,556,150	6,753,258
2020	778,298	561,460	1,339,757	2,809,524	990,400	3,484,969	7,284,894	2,201,383	4,538,804	6,740,188
2021	766,091	552,653	1,318,744	2,905,255	1,047,240	3,603,715	7,556,209	2,204,645	4,545,529	6,750,174
2022	775,777	559,642	1,335,419	2,930,351	1,055,007	3,634,845	7,620,203	2,229,940	4,597,683	6,827,623
2023	771,693	556,696	1,328,389	2,829,706	1,005,704	3,510,004	7,345,414	2,195,541	4,526,758	6,722,299
2024	774,708	558,871	1,333,578	2,836,004	1,005,899	3,517,815	7,359,718	2,201,532	4,539,110	6,740,642
2025	779,236	562,137	1,341,373	2,822,004	996,841	3,500,449	7,319,294	2,207,049	4,550,485	6,757,533
2026	764,836	551,749	1,316,585	2,883,327	1,036,034	3,576,516	7,495,877	2,195,778	4,527,247	6,723,025
2027	770,314	555,700	1,326,014	2,860,039	1,022,300	3,547,628	7,429,967	2,201,256	4,538,541	6,739,797
2028	773,291	557,848	1,331,140	2,854,471	1,016,336	3,540,721	7,411,528	2,203,933	4,544,062	6,747,995
2029	775,784	559,647	1,335,431	2,870,733	1,024,179	3,560,893	7,455,804	2,213,878	4,564,566	6,778,444
2030	778,714	561,761	1,340,475	2,734,739	950,309	3,392,205	7,077,253	2,180,789	4,496,344	6,677,133
2031	778,904	561,898	1,340,802	2,939,048	1,061,750	3,645,632	7,646,429	2,242,282	4,623,129	6,865,411
2032	765,436	552,181	1,317,617	2,934,235	1,059,831	3,639,662	7,633,727	2,208,397	4,553,265	6,761,662
2033	781,810	563,994	1,345,805	2,732,736	952,384	3,389,721	7,074,841	2,191,057	4,517,513	6,708,569
2034	770,547	555,869	1,326,415	2,862,348	1,019,858	3,550,493	7,432,699	2,198,732	4,533,338	6,732,071
2035	765,914	552,527	1,318,441	3,414,929	1,324,474	4,235,921	8,975,323	2,355,665	4,856,902	7,212,568
TOTAL	**20,259,093**	**17,896,476**	**38,155,569**	**83,708,117**	**36,664,899**	**125,026,373**	**245,399,389**	**47,387,549**	**118,748,429**	**166,135,978**

[a] B-18 includes Extra Peaking Charges for additional power shown in Table 9.

TABLE B-18 Variable OMP&R Component of Transportation Charge for Each Contractor[a] (in dollars)

	SAN JOAQUIN VALLEY AREA								
				Kern					
Calendar Year	Dudley Ridge	Empire	Future Contractor San Joaquin Valley	Municipal and Industrial	Agricultural	Kings	Oak Flat	Tulare	Total
	[11]	[12]	[13]	[14]	[15]	[16]	[17]	[18]	[19]
1961	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0
1968	68,977	5,176	0	0	440,922	2,355	4,760	65,680	587,870
1969	56,774	101	0	0	321,387	181	3,338	17,956	399,737
1970	69,818	6,811	0	0	470,867	0	5,595	16,550	569,641
1971	53,097	7,747	0	0	769,054	4,785	6,353	158,419	999,455
1972	62,365	8,515	0	0	1,151,788	2,057	7,375	379,686	1,611,786
1973	33,931	4,615	0	0	770,121	2,307	3,017	77,630	891,621
1974	49,114	4,413	0	46,752	677,660	2,206	3,114	106,332	889,591
1975	63,140	4,671	0	34,580	848,249	2,491	3,920	134,295	1,091,346
1976	70,851	5,132	0	94,653	966,820	2,737	4,910	100,597	1,245,701
1977	26,565	1,758	0	84,875	498,624	3,644	2,602	43,067	661,135
1978	108,944	938	0	190,675	1,616,975	4,319	6,294	24,901	1,953,046
1979	107,956	4,871	0	194,048	2,371,175	5,602	13,172	434,472	3,131,297
1980	88,746	1,935	0	121,603	1,731,588	4,762	7,766	163,301	2,119,701
1981	129,687	18,533	0	263,077	2,398,339	7,275	8,904	263,922	3,089,737
1982	108,561	937	0	145,246	2,375,404	4,541	6,763	48,137	2,689,589
1983	61,443	0	0	13,954	929,183	5,662	3,232	1,218	1,014,692
1984	82,423	0	0	216,437	1,996,259	5,946	7,475	10,496	2,319,036
1985	114,571	12,938	0	242,645	2,567,184	8,422	8,815	271,970	3,226,545
1986	236,756	5,513	0	377,798	4,876,960	17,433	16,927	376,088	5,907,475
1987	187,090	10,273	0	504,168	4,230,949	16,140	15,529	375,604	5,339,753
1988	188,170	14,894	0	524,965	4,250,194	15,528	11,928	374,528	5,380,207
1989	285,261	15,450	0	681,238	6,158,648	20,063	21,693	649,604	7,831,957
1990	218,786	7,710	0	845,877	4,778,185	12,056	12,072	344,008	6,218,694
1991	4,393	1,047	0	185,013	47,869	0	521	10,331	249,174
1992	76,840	4,426	0	227,332	1,699,824	6,059	5,222	151,055	2,170,758
1993	20,064	4,843	0	78,585	340,588	2,090	1,467	123,913	571,550
1994	135,626	7,854	0	471,316	3,417,815	9,967	10,102	293,748	4,346,428
1995	181,772	4,611	0	409,656	3,437,735	11,619	10,492	288,010	4,343,895
1996	286,064	9,577	0	715,404	6,328,965	21,039	16,403	1,196,303	8,573,755
1997	308,515	0	0	650,416	5,627,735	0	15,559	94,838	6,697,063
1998	16,993	(54)	0	(16,341)	91,651	(2)	1,171	(2,095)	91,324
1999	191,682	10,198	0	463,890	3,954,090	12,844	11,542	937,238	5,581,485
2000	196,491	5,839	0	152,159	4,295,523	11,685	10,426	643,664	5,315,788
2001	797,861	25,896	0	158,463	12,010,806	29,704	46,367	1,134,128	14,203,225
2002	425,664	12,226	0	183,569	8,013,780	24,836	29,691	839,772	9,529,537
2003	453,610	14,135	0	493,493	9,967,016	36,342	28,688	1,041,850	12,035,136
2004	520,466	37,773	0	1,406,702	8,942,325	96,002	33,670	861,689	11,898,625
2005	977,603	45,805	0	836,724	17,643,647	236,621	34,032	1,672,595	21,447,026
2006	713,765	32,500	0	987,951	13,704,881	94,370	28,832	1,071,508	16,633,806
2007	620,190	28,636	0	772,081	12,112,916	79,441	32,915	1,196,588	14,842,766
2008	380,208	16,238	0	757,234	7,707,593	65,774	24,546	581,337	9,532,929
2009	190,558	9,286	0	65,697	5,114,787	30,454	11,730	330,525	5,753,036
2010	445,465	48,978	0	156,191	9,867,515	72,659	31,751	863,810	11,486,369
2011	934,952	29,503	0	711,326	19,844,714	103,332	29,410	852,561	22,505,797
2012	278,984	34,153	0	550,050	11,928,370	112,803	33,658	1,359,827	14,297,847
2013	506,721	29,359	0	634,801	12,216,148	87,027	36,920	826,808	14,337,783
2014	521,916	14,406	0	217	7,059,386	35,027	29,731	249,271	7,909,955
2015	430,474	17,093	0	476,478	8,963,183	33,665	21,515	474,870	10,417,277
2016	698,828	44,057	0	1,806,547	13,822,645	173,057	57,005	1,318,007	17,920,145
2017	**671,619**	**39,809**	**0**	**1,999,389**	**14,657,412**	**125,621**	**52,593**	**1,160,714**	**18,707,157**
2018	703,086	41,674	0	2,100,395	15,369,698	131,449	55,004	1,215,097	19,616,403
2019	690,069	45,393	0	2,256,908	16,319,058	142,357	61,131	1,323,524	20,838,439
2020	588,218	38,693	0	2,011,169	14,524,702	121,611	47,289	1,128,177	18,459,857
2021	657,110	43,225	0	2,183,707	15,775,968	135,642	56,431	1,260,310	20,112,393
2022	660,080	43,420	0	2,201,427	15,898,762	136,268	56,321	1,266,005	20,262,282
2023	609,765	40,110	0	2,070,219	14,944,731	125,994	50,000	1,169,503	19,010,322
2024	606,801	39,915	0	2,054,951	14,845,423	125,396	49,859	1,163,820	18,886,165
2025	595,147	39,149	0	2,033,835	14,683,993	123,027	47,988	1,141,467	18,664,606
2026	645,166	42,439	0	2,147,333	15,517,842	133,203	55,125	1,237,401	19,778,508
2027	628,604	41,349	0	2,119,108	15,298,518	129,835	52,413	1,205,636	19,475,463
2028	618,973	40,716	0	2,086,120	15,071,120	127,876	51,440	1,187,164	19,183,409
2029	626,842	41,234	0	2,114,909	15,271,341	129,487	52,105	1,202,257	19,438,174
2030	543,520	35,753	0	1,886,388	13,630,492	112,493	41,920	1,042,449	17,293,014
2031	669,678	44,051	0	2,259,522	16,280,932	138,233	56,328	1,284,415	20,733,160
2032	668,200	43,954	0	2,192,088	15,861,420	137,904	58,607	1,281,580	20,243,753
2033	548,983	36,112	0	1,939,872	13,971,626	113,613	41,176	1,052,925	17,704,307
2034	622,198	40,928	0	2,077,017	15,024,721	128,528	52,531	1,193,350	19,139,274
2035	970,203	63,820	0	3,105,475	22,325,795	199,521	92,501	1,860,808	28,618,123
TOTAL	**25,112,995**	**1,433,058**	**0**	**58,757,374**	**550,631,592**	**4,054,982**	**1,809,682**	**46,227,215**	**688,026,898**

[a] B-18 includes Extra Peaking Charges for additional power shown in Table 9.

TABLE B-18 Variable OMP&R Component of Transportation Charge for Each Contractor[a] (in dollars)

Sheet 3 of 4

Calendar Year	SOUTHERN CALIFORNIA AREA									
	AVEK	Castaic Lake	Coachella	Crestline	Desert	Littlerock	Mojave	Palmdale	San Bernardino	San Gabriel
	[20]	[21]	[22]	[23]	[24]	[25]	[26]	[27]	[28]	[29]
1961	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0
1968	0	30,401	0	0	0	0	0	0	0	0
1969	0	30,627	0	0	0	0	0	0	0	0
1970	0	39,430	0	0	0	0	0	0	0	0
1971	0	34,871	0	0	0	0	0	0	0	0
1972	780	47,571	0	12,785	0	4,496	1,515	0	32,107	0
1973	286	28,968	102,812	6,896	159,536	3,855	0	0	301,444	0
1974	15,558	28,982	100,955	9,890	157,742	4,932	221	0	177,173	5,961
1975	99,186	28,568	108,253	12,758	170,111	6,391	0	0	136,066	50,723
1976	385,090	38,365	135,276	17,835	213,594	8,164	0	0	139,354	65,476
1977	199,166	21,006	0	23,598	0	1,974	1,702	0	239,663	74,838
1978	581,729	45,550	174,116	20,875	264,178	2,731	0	0	37,043	67,462
1979	1,058,904	83,940	228,437	28,603	340,510	2,328	90,803	0	236	3,668
1980	1,390,117	51,143	256,759	29,229	401,038	3,667	94,362	0	0	16,504
1981	1,480,362	118,583	274,149	33,632	430,304	23,861	90,590	0	254,649	57,523
1982	923,973	132,575	292,674	27,190	461,216	0	230,608	0	126,461	189,895
1983	333,772	(335,712)	172,336	10,792	272,477	385	0	0	(71,602)	(8,768)
1984	485,847	(142,910)	273,597	19,572	433,785	15	0	0	(66,353)	(91,433)
1985	821,069	(335,343)	413,406	34,603	657,011	0	0	32,464	(47,544)	(32,348)
1986	1,109,047	54,812	728,808	60,274	1,160,650	5,548	0	105,375	69,170	101,843
1987	1,019,605	(40,745)	668,383	63,601	1,083,530	32,651	585	157,843	88,076	49,930
1988	1,019,793	(74,006)	688,891	66,914	1,134,141	11,991	300	50,654	92,465	38,688
1989	1,736,901	178,359	978,885	97,114	1,633,489	38,269	8,951	350,953	340,460	210,334
1990	2,442,558	422,502	1,402,619	110,934	2,313,410	90,472	0	446,408	599,573	530,099
1991	286,485	(3,054)	277,078	33,945	456,999	17,978	128,405	132,700	35,339	52,116
1992	587,340	(208,900)	240,119	11,952	396,022	4,871	241,338	78,306	(22,718)	(53,500)
1993	(190,611)	(491,161)	(809,033)	(2,389)	(1,334,429)	(3,246)	(61,112)	(29,466)	(157,452)	(519,798)
1994	1,841,902	66,338	189,616	34,480	312,714	41,201	731,185	315,446	122,829	204,783
1995	761,209	(247,735)	(251,547)	7,960	(414,889)	7,727	165,622	114,342	(7,579)	(140,714)
1996	1,883,530	72,171	508,274	18,313	838,330	16,510	289,044	385,745	49,537	133,848
1997	2,121,818	22,440	365,342	24,076	330,153	15,099	414,596	438,212	61,553	115,882
1998	(577,005)	(733,387)	(3,979,131)	(2,991)	(3,279,862)	(4,405)	(46,209)	(84,367)	(87,188)	(432,227)
1999	1,250,830	(475,206)	(683,915)	18,893	(787,153)	6,193	172,541	252,025	(174,420)	(244,303)
2000	1,764,956	(351,789)	(413,355)	24,499	(568,752)	0	286,220	191,327	(179,697)	(147,867)
2001	10,902,727	4,524,359	1,522,670	209,527	2,511,568	0	862,702	1,813,737	4,432,140	394,890
2002	3,940,463	1,972,885	737,668	162,408	1,216,898	0	332,517	1,250,856	3,146,931	1,094,108
2003	5,100,175	3,152,858	907,284	145,683	1,496,268	0	1,429,244	981,055	1,640,373	1,377,855
2004	5,219,256	3,252,471	1,018,599	192,784	1,395,675	0	1,344,310	1,061,872	3,812,708	826,010
2005	5,994,948	3,011,986	3,452,612	89,977	3,986,107	0	1,580,568	1,173,519	2,654,327	1,135,524
2006	6,389,053	2,240,777	6,979,400	56,045	2,881,668	0	3,147,242	992,885	2,153,123	938,502
2007	9,366,901	4,237,414	7,356,408	230,821	3,037,276	0	6,174,449	2,222,474	6,072,123	404,247
2008	5,826,218	3,776,714	4,820,401	114,380	2,608,488	3,036	3,532,110	1,731,131	4,041,217	750,908
2009	4,113,756	2,594,973	3,412,249	96,587	1,364,781	3,868	3,227,850	1,412,580	3,431,699	860,858
2010	6,253,182	2,829,987	7,631,114	42,593	2,826,132	0	4,715,229	1,172,719	4,880,349	1,738,294
2011	11,068,964	2,825,443	9,156,505	62,294	3,689,723	0	660,924	1,243,209	3,592,673	2,392,706
2012	10,478,619	3,721,197	12,171,833	84,024	4,691,930	0	1,614,087	2,076,495	10,304,783	2,294,730
2013	7,516,830	5,764,719	8,479,616	222,780	2,746,163	0	1,262,325	1,556,015	4,736,630	1,222,043
2014	3,652,197	5,111,757	2,557,711	294,891	639,012	0	844,642	1,754,114	2,521,184	251,380
2015	2,613,821	5,186,525	7,450,071	294,189	2,300,415	0	2,115,097	1,190,355	5,508,810	1,181,277
2016	14,039,123	4,868,654	14,150,016	366,558	5,202,972	0	2,288,151	2,302,252	8,533,799	2,460,766
2017	**15,596,542**	**9,227,839**	**13,194,347**	**734,202**	**5,316,840**	**0**	**8,225,116**	**3,451,718**	**9,721,314**	**2,746,637**
2018	16,554,569	9,916,051	13,945,341	703,091	5,619,463	0	8,818,467	3,663,687	9,921,503	2,902,969
2019	16,810,350	10,221,429	14,853,213	725,236	5,985,303	0	9,512,199	3,809,560	11,015,104	3,091,959
2020	17,363,398	10,586,241	15,362,151	752,608	6,190,386	0	9,885,804	3,934,857	11,392,531	3,197,903
2021	17,197,859	10,487,645	15,224,934	743,830	6,135,093	0	9,776,726	3,897,350	11,290,771	3,169,339
2022	17,570,944	10,715,654	15,681,974	760,588	6,319,263	0	9,983,126	3,981,902	11,629,711	3,264,480
2023	17,326,749	10,666,340	15,366,413	751,175	6,192,103	0	9,886,931	3,926,537	11,395,692	3,198,791
2024	17,099,372	10,462,637	15,130,489	739,686	6,097,035	0	9,700,834	3,875,044	11,220,731	3,149,679
2025	17,380,138	10,697,873	15,488,845	754,032	6,241,439	0	9,912,853	3,938,640	11,486,487	3,224,277
2026	16,854,553	10,347,926	14,852,763	728,828	5,985,121	0	9,578,017	3,819,553	11,014,770	3,091,865
2027	17,364,612	10,652,206	15,414,713	751,589	6,211,567	0	9,877,057	3,935,137	11,431,511	3,208,845
2028	17,068,478	10,496,955	15,098,257	739,389	6,084,046	0	9,716,445	3,868,023	11,196,828	3,142,969
2029	17,382,832	10,673,311	15,452,907	752,816	6,226,957	0	9,885,524	3,939,267	11,459,836	3,216,796
2030	16,857,394	10,364,529	14,931,446	731,406	6,016,828	0	9,613,923	3,820,178	11,073,122	3,108,245
2031	18,636,292	11,380,781	16,704,957	806,153	6,731,488	0	10,571,733	4,223,340	12,388,352	3,477,432
2032	16,353,355	10,054,995	14,417,334	706,739	5,809,659	0	9,276,292	3,705,983	10,691,858	3,001,223
2033	18,272,104	11,173,411	16,286,208	792,491	6,562,747	0	10,414,291	4,140,779	12,077,810	3,390,262
2034	16,449,993	10,134,555	14,562,684	712,372	5,868,230	0	9,360,706	3,727,865	10,799,649	3,031,480
2035	21,389,883	12,756,831	19,208,587	916,531	7,740,359	0	11,940,568	4,847,470	14,245,038	3,998,607
TOTAL	**466,839,844**	**258,227,181**	**385,425,525**	**17,824,136**	**167,164,862**	**350,562**	**223,909,326**	**101,380,125**	**289,004,132**	**80,236,472**

[a] B-18 includes Extra Peaking Charges for additional power shown in Table 9.

TABLE B-18 Variable OMP&R Component of Transportation Charge for Each Contractor[a] (in dollars)

Sheet 4 of 4

Calendar Year	SOUTHERN CALIFORNIA AREA (continued)				FEATHER RIVER AREA				South Bay Area Future Contractor	Grand Total
	San Gorgonio	Metropolitan	Ventura	Total	Yuba City	Butte	Plumas	Total		
	[30]	[31]	[32]	[33]	[34]	[35]	[36]	[37]	[38]	[39]
1961	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0	36,970
1963	0	0	0	0	0	0	0	0	0	57,711
1964	0	0	0	0	0	0	0	0	0	74,134
1965	0	0	0	0	0	0	0	0	0	142,609
1966	0	0	0	0	0	0	0	0	0	192,606
1967	0	0	0	0	0	0	0	0	0	236,998
1968	0	0	0	30,401	0	0	0	0	0	1,117,912
1969	0	0	0	30,627	0	0	0	0	0	773,646
1970	0	0	0	39,430	0	0	0	0	0	1,103,799
1971	0	0	0	34,871	0	0	0	0	0	1,513,434
1972	0	848,011	0	947,266	0	0	0	0	0	3,297,202
1973	0	1,083,328	0	1,687,126	0	0	0	0	0	3,174,991
1974	0	1,872,297	0	2,373,712	0	0	0	0	0	3,926,489
1975	0	3,887,152	0	4,499,209	0	0	0	0	0	6,057,701
1976	0	5,485,263	0	6,488,418	0	0	0	0	0	8,477,311
1977	0	(796,686)	0	(234,739)	0	0	0	0	0	1,152,444
1978	0	3,696,428	0	4,890,112	0	0	0	0	0	7,632,606
1979	0	4,021,960	0	5,859,389	0	0	0	0	0	9,873,798
1980	0	5,362,245	0	7,605,064	0	0	0	0	0	10,425,875
1981	0	10,862,932	0	13,626,585	0	0	0	0	0	17,576,025
1982	0	7,685,168	0	10,069,760	0	0	0	0	0	13,566,611
1983	0	(8,994,497)	0	(8,620,817)	0	0	0	0	0	(7,441,457)
1984	0	(7,633,741)	0	(6,721,621)	0	0	0	0	0	(4,008,601)
1985	0	(15,739,366)	0	(14,196,048)	0	0	0	0	0	(10,310,371)
1986	0	1,135,478	0	4,531,005	0	0	0	0	0	11,629,559
1987	0	(3,007,097)	0	116,362	0	0	0	0	0	6,746,470
1988	0	(3,407,929)	0	(378,098)	0	0	0	0	0	6,351,151
1989	0	9,488,536	0	15,062,251	0	0	0	0	0	24,661,302
1990	0	30,759,725	204,582	39,322,882	0	0	0	0	0	48,184,400
1991	0	184,870	22,623	1,625,484	0	0	0	0	0	2,463,685
1992	0	(9,471,028)	0	(8,196,198)	0	0	0	0	0	(5,499,060)
1993	0	(21,473,875)	0	(25,072,572)	0	0	0	0	0	(24,652,636)
1994	0	4,059,683	0	7,920,177	0	0	0	0	0	13,514,307
1995	0	(4,895,977)	0	(4,901,581)	0	0	0	0	0	(99,701)
1996	0	1,859,275	0	6,054,577	0	0	0	0	0	15,893,938
1997	0	2,428,729	(921)	6,336,979	0	0	0	0	0	14,932,641
1998	0	(14,593,773)	(68,568)	(23,889,113)	0	0	0	0	0	(24,030,879)
1999	0	(9,859,076)	(31,704)	(10,555,295)	0	0	0	0	0	(3,695,239)
2000	0	(14,604,199)	7,335	(13,991,323)	0	0	0	0	0	(6,673,244)
2001	0	160,767,744	270,290	188,212,355	0	0	0	0	0	211,326,217
2002	0	59,840,151	279,773	73,974,657	0	0	0	0	0	88,827,129
2003	7,287	94,317,664	357,996	110,913,742	0	0	0	0	0	129,403,482
2004	98,121	107,170,690	416,866	125,809,361	0	0	0	0	0	144,126,263
2005	84,202	113,938,011	123,173	137,224,954	0	0	0	0	0	166,351,708
2006	431,163	82,219,262	92,254	108,521,373	0	0	0	0	0	131,754,915
2007	598,467	137,718,921	317,330	177,736,829	0	0	0	0	0	201,791,069
2008	717,425	83,447,245	408,696	111,777,969	0	0	0	0	0	128,838,145
2009	749,806	60,856,856	350,744	82,476,606	0	0	0	0	0	93,124,310
2010	1,106,548	91,428,005	408,413	125,032,565	0	0	0	0	0	143,222,650
2011	1,552,856	132,154,342	426,240	168,825,881	0	0	0	0	0	200,397,197
2012	1,699,026	108,540,066	499,834	158,176,624	0	0	0	0	0	180,532,182
2013	1,848,297	108,934,271	408,330	144,698,019	0	0	0	0	0	169,122,969
2014	1,504,444	69,744,415	17,801	88,893,548	0	0	0	0	0	105,660,905
2015	1,019,903	106,856,531	205,542	135,922,538	0	0	0	0	0	155,445,548
2016	2,031,197	160,243,981	501,415	216,988,883	0	0	0	0	0	247,903,525
2017	**2,818,461**	**174,800,176**	**542,965**	**246,376,157**	**0**	**0**	**0**	**0**	**0**	**278,461,529**
2018	2,929,146	171,830,714	580,023	247,385,024	0	0	0	0	0	280,896,140
2019	3,105,359	180,872,136	596,308	260,598,157	0	0	0	0	0	297,191,230
2020	3,194,843	186,503,055	617,604	268,981,380	0	0	0	0	0	302,806,076
2021	3,157,706	185,222,311	611,371	266,914,935	0	0	0	0	0	302,652,455
2022	3,230,712	189,780,703	624,574	273,543,630	0	0	0	0	0	309,589,158
2023	3,184,567	187,486,859	622,115	270,004,272	0	0	0	0	0	304,410,696
2024	3,160,000	184,223,611	611,730	265,470,848	0	0	0	0	0	299,790,950
2025	3,212,222	188,308,989	623,926	271,269,720	0	0	0	0	0	305,352,527
2026	3,109,114	181,934,961	603,856	261,921,328	0	0	0	0	0	297,235,324
2027	3,188,347	187,675,525	622,083	270,333,191	0	0	0	0	0	305,304,433
2028	3,153,651	184,500,917	612,263	265,678,222	0	0	0	0	0	300,352,293
2029	3,202,078	188,065,274	622,981	270,880,579	0	0	0	0	0	305,888,432
2030	3,141,668	181,892,671	605,080	262,156,490	0	0	0	0	0	294,544,365
2031	3,363,747	201,624,868	665,948	290,575,092	0	0	0	0	0	327,160,893
2032	3,055,646	176,946,173	585,922	254,605,180	0	0	0	0	0	290,561,938
2033	3,316,143	196,783,624	654,293	283,864,163	0	0	0	0	0	316,697,685
2034	3,082,187	178,199,304	590,445	256,519,470	0	0	0	0	0	291,149,929
2035	3,655,553	229,574,195	754,024	331,027,647	0	0	0	0	0	377,152,102
TOTAL	**73,709,893**	**5,214,648,057**	**16,965,556**	**7,295,685,673**	**0**	**0**	**0**	**0**	**0**	**8,433,403,508**

[a] B-18 includes Extra Peaking Charges for additional power shown in Table 9.

TABLE B-19 Total Transportation Charge for Each Contractor[a] (in dollars)

Sheet 1 of 4

Calendar Year	NORTH BAY AREA			SOUTH BAY AREA				CENTRAL COASTAL AREA		
	Napa	Solano	Total	Alameda-Zone 7	Alameda County	Santa Clara	Total	San Luis	Santa Barbara	Total
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]
1961	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	11,750	43,787	21,132	76,669	0	0	0
1963	0	0	0	199,726	190,272	447,723	837,721	0	0	0
1964	0	0	0	263,282	277,455	621,356	1,162,093	6,696	21,667	28,363
1965	0	0	0	373,816	404,324	1,158,090	1,936,230	13,756	36,029	49,785
1966	18,063	0	18,063	419,468	421,723	1,412,954	2,254,144	26,524	61,349	87,873
1967	41,574	0	41,574	539,115	498,441	1,686,098	2,723,655	56,469	118,263	174,731
1968	128,628	0	128,628	663,944	603,483	1,985,220	3,252,647	115,961	229,807	345,768
1969	254,715	0	254,715	787,590	539,340	2,083,253	3,410,184	185,156	358,861	544,017
1970	277,547	0	277,547	823,406	532,567	2,202,767	3,558,740	200,150	387,675	587,825
1971	227,474	0	227,474	788,603	552,113	2,169,897	3,510,613	202,413	392,912	595,325
1972	224,978	0	224,978	830,536	678,520	2,320,421	3,829,477	209,057	406,589	615,646
1973	221,091	31,366	252,457	795,896	549,393	2,338,620	3,683,908	206,557	402,724	609,281
1974	240,498	32,938	273,437	819,798	564,593	2,506,358	3,890,749	208,545	407,090	615,635
1975	237,459	36,291	273,750	869,877	605,731	2,409,923	3,885,531	225,895	439,873	665,768
1976	271,292	40,836	312,127	960,749	734,812	2,500,506	4,196,066	228,976	447,299	676,275
1977	293,627	45,096	338,723	925,060	713,558	2,476,399	4,115,017	238,699	468,721	707,420
1978	273,870	49,178	323,048	980,577	692,587	2,785,987	4,459,151	245,331	484,259	729,590
1979	289,479	53,340	342,819	1,045,919	736,358	2,813,578	4,595,856	243,110	483,437	726,547
1980	310,846	67,748	378,594	1,164,112	866,372	3,028,204	5,058,688	269,858	537,074	806,932
1981	347,781	87,408	435,189	1,129,983	879,357	2,917,582	4,926,922	288,997	586,257	875,254
1982	438,335	106,918	545,254	1,168,058	850,483	3,262,104	5,280,645	290,049	582,757	872,806
1983	354,787	151,259	506,046	1,179,824	900,363	3,795,446	5,875,633	319,214	633,181	952,395
1984	467,336	224,245	691,581	1,472,097	1,097,480	5,737,801	8,307,379	351,620	695,559	1,047,179
1985	736,074	364,305	1,100,379	1,922,727	1,789,369	6,551,546	10,263,642	394,593	776,994	1,171,586
1986	1,084,728	692,479	1,777,207	1,750,114	1,528,732	6,863,230	10,142,076	385,545	762,684	1,148,229
1987	1,773,801	1,559,243	3,333,044	2,240,162	2,011,876	6,675,355	10,927,393	385,289	812,310	1,197,599
1988	2,231,563	2,333,792	4,565,355	2,241,970	2,210,523	6,368,850	10,821,343	420,153	978,621	1,398,774
1989	2,397,272	3,326,436	5,723,708	2,158,405	1,872,030	5,916,714	9,947,149	414,224	1,162,723	1,576,947
1990	2,746,135	3,433,320	6,179,455	2,577,836	2,261,914	6,668,440	11,508,190	487,609	1,234,409	1,722,018
1991	2,748,636	3,682,311	6,430,947	1,757,464	1,621,188	4,527,928	7,906,580	491,419	1,476,387	1,967,806
1992	2,554,528	3,528,958	6,083,486	2,078,645	2,003,328	5,385,858	9,467,831	551,042	1,491,156	2,042,198
1993	2,592,888	3,504,240	6,097,128	2,883,887	2,011,222	6,511,865	11,406,974	610,115	1,675,438	2,285,553
1994	2,718,329	3,537,459	6,255,788	2,910,638	2,642,460	7,314,515	12,867,612	767,900	2,473,449	3,241,348
1995	2,649,273	3,509,935	6,159,208	3,038,999	2,289,027	5,893,667	11,221,693	995,341	4,977,122	5,972,462
1996	2,699,210	3,891,715	6,590,926	2,588,141	2,137,443	6,675,492	11,401,075	1,837,384	13,766,531	15,603,915
1997	2,641,891	3,631,175	6,273,066	2,661,398	2,007,332	6,551,469	11,220,199	2,294,917	21,860,553	24,155,470
1998	2,538,764	3,478,062	6,016,827	2,267,794	2,064,166	6,296,050	10,628,010	2,976,896	26,690,793	29,667,689
1999	2,689,372	3,841,375	6,530,748	2,889,115	2,450,078	8,373,830	13,713,024	3,031,213	27,471,599	30,502,813
2000	2,832,886	4,308,518	7,141,404	3,921,511	2,304,770	7,033,063	13,259,343	2,947,330	27,838,836	30,786,166
2001	3,351,939	4,919,162	8,271,101	7,419,283	2,809,316	8,485,242	18,713,841	3,508,739	30,022,618	33,531,357
2002	3,554,893	5,049,275	8,604,169	10,851,439	2,777,107	9,918,869	23,547,414	3,212,467	29,615,198	32,827,666
2003	3,666,268	5,392,771	9,059,039	7,509,579	2,507,016	8,729,531	18,746,126	3,294,613	29,872,229	33,166,842
2004	4,142,962	5,617,996	9,760,958	5,711,118	2,812,121	8,200,965	16,724,205	3,307,286	30,301,003	33,608,289
2005	3,502,255	5,128,386	8,630,641	5,728,188	2,965,732	8,975,318	17,669,237	3,431,724	30,410,329	33,842,054
2006	3,400,622	4,618,665	8,019,287	5,687,082	2,957,398	9,089,022	17,733,502	3,272,598	30,046,304	33,318,902
2007	3,600,964	5,098,183	8,699,147	6,748,392	3,476,732	10,352,970	20,578,093	3,423,837	31,256,011	34,679,848
2008	4,289,301	5,052,031	9,341,332	7,590,849	3,764,393	10,497,550	21,852,792	3,920,777	32,501,210	36,421,986
2009	4,721,617	5,099,982	9,821,599	6,506,732	3,290,149	10,231,137	20,028,018	3,723,273	30,819,516	34,542,789
2010	4,979,172	6,528,330	11,507,502	7,444,202	3,684,053	11,201,327	22,329,582	4,090,534	33,076,178	37,166,712
2011	5,344,639	6,916,161	12,260,800	8,668,390	4,324,182	12,900,011	25,892,583	4,155,708	33,999,591	38,155,300
2012	5,811,473	6,872,040	12,683,513	9,563,697	4,340,693	15,179,375	29,083,765	4,207,597	34,580,154	38,787,751
2013	5,452,335	6,600,244	12,052,578	10,334,175	5,056,283	15,078,110	30,468,567	4,425,673	35,959,947	40,385,620
2014	6,105,270	7,203,358	13,308,628	10,122,366	5,339,975	15,211,171	30,673,512	4,267,082	33,120,394	37,387,477
2015	6,204,190	7,135,651	13,339,842	9,965,769	5,023,279	17,090,255	32,079,302	4,847,034	35,199,705	40,046,739
2016	6,427,786	7,716,107	14,143,893	12,108,365	5,144,865	24,891,003	42,144,233	4,554,716	35,498,243	40,052,959
2017	**7,164,797**	**8,286,250**	**15,451,047**	**12,293,770**	**5,555,819**	**21,308,236**	**39,157,826**	**5,668,011**	**35,909,666**	**41,577,677**
2018	6,980,985	8,024,245	15,005,230	13,182,271	5,991,503	17,844,035	37,017,809	5,816,301	36,219,536	42,035,838
2019	6,797,722	8,006,700	14,804,422	12,677,305	5,752,733	21,194,465	39,624,503	6,281,641	37,228,189	43,509,830
2020	6,820,224	8,039,988	14,860,211	12,510,934	5,674,150	21,038,424	39,223,508	6,295,067	37,310,693	43,605,760
2021	6,832,358	8,075,723	14,908,081	12,664,297	5,759,185	21,281,030	39,704,513	6,314,658	37,391,067	43,705,725
2022	6,867,627	8,127,697	14,995,324	12,753,497	5,797,650	21,439,950	39,991,097	6,357,451	37,519,113	43,876,564
2023	6,889,813	8,136,656	15,026,469	12,717,577	5,779,639	21,445,263	39,942,479	6,341,215	37,526,433	43,867,648
2024	6,917,235	8,183,088	15,100,323	12,789,607	5,811,479	21,585,797	40,186,882	6,365,372	37,617,536	43,982,908
2025	6,940,113	8,229,127	15,169,240	12,840,735	5,833,762	21,700,782	40,375,278	6,389,144	37,708,211	44,097,355
2026	6,948,614	8,260,798	15,209,412	12,968,723	5,905,060	21,912,175	40,785,958	6,396,849	37,765,098	44,161,947
2027	6,979,246	8,307,596	15,286,843	13,011,266	5,922,801	22,016,516	40,950,583	6,420,536	37,853,833	44,274,369
2028	7,007,296	8,353,241	15,360,537	13,071,196	5,948,110	22,143,014	41,162,321	6,437,820	37,930,797	44,368,616
2029	7,034,852	8,398,903	15,433,755	13,151,663	5,986,499	22,295,878	41,434,040	6,466,997	38,031,788	44,498,785
2030	7,056,017	8,434,269	15,490,286	13,082,378	5,944,689	22,264,570	41,291,636	6,453,267	38,043,798	44,497,065
2031	7,070,475	8,462,540	15,533,015	13,346,817	6,084,385	22,646,930	42,078,132	6,530,233	38,234,506	44,764,739
2032	7,073,692	8,481,574	15,555,266	13,416,850	6,118,922	22,790,193	42,325,965	6,518,073	38,259,903	44,777,976
2033	7,088,288	8,496,126	15,584,414	13,287,164	6,046,336	22,686,223	42,019,723	6,521,673	38,316,408	44,838,080
2034	7,034,513	8,462,076	15,496,589	13,478,137	6,142,748	22,978,539	42,599,424	6,549,069	38,416,766	44,965,835
2035	6,912,628	8,363,631	15,276,259	14,091,392	6,476,178	23,796,355	44,363,925	6,725,771	38,825,895	45,551,666
TOTAL	**249,526,913**	**301,628,515**	**551,155,428**	**437,397,196**	**219,943,510**	**766,689,519**	**1,424,030,225**	**205,616,808**	**1,376,018,854**	**1,581,635,662**

[a] Capital charges repaid through bond debt service prior to 2015 exclude bond cover; 2016 and after includes both bond debt service and bond cover.

TABLE B-19 Total Transportation Charge for Each Contractor[a] (in dollars)

	SAN JOAQUIN VALLEY AREA								
				Kern					
Calendar Year	Dudley Ridge	Empire	Future Contractor San Joaquin Valley	Municipal and Industrial	Agricultural	Kings	Oak Flat	Tulare	Total
	[11]	[12]	[13]	[14]	[15]	[16]	[17]	[18]	[19]
1961	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0
1964	0	0	2,725	0	0	0	0	0	2,725
1965	0	0	6,029	73,569	0	0	0	0	79,598
1966	0	0	12,039	137,330	0	0	0	0	149,368
1967	0	0	26,257	267,611	0	0	0	0	293,869
1968	187,324	9,046	54,588	445,439	1,556,908	13,770	11,783	211,208	2,490,065
1969	182,935	8,056	87,576	525,094	2,417,821	12,625	10,803	365,780	3,610,691
1970	205,213	14,823	94,675	573,998	2,946,188	12,790	13,348	300,181	4,161,215
1971	201,911	15,781	95,695	605,889	3,865,008	17,763	14,667	455,717	5,272,430
1972	224,875	16,649	98,788	631,615	5,056,385	15,220	21,177	1,102,927	7,167,636
1973	207,846	12,720	97,550	639,250	4,999,018	15,483	11,999	417,493	6,401,359
1974	289,992	12,689	98,460	698,247	5,310,461	15,590	13,113	611,846	7,050,399
1975	358,518	13,634	106,703	715,606	6,448,781	16,620	14,807	745,333	8,420,001
1976	311,509	14,180	108,084	774,291	6,810,574	16,993	16,521	576,756	8,628,908
1977	273,379	11,290	112,554	797,859	6,995,891	18,457	14,273	523,111	8,746,814
1978	362,679	4,441	115,521	890,945	8,462,660	18,921	18,331	517,626	10,391,124
1979	393,923	14,027	114,253	896,194	9,601,223	20,202	25,272	968,058	12,033,151
1980	415,565	12,377	125,950	888,893	10,172,491	20,749	24,810	752,521	12,413,356
1981	479,056	30,218	134,169	1,079,315	11,633,148	24,939	23,345	924,731	14,328,922
1982	473,565	13,368	135,057	1,004,667	12,479,986	22,955	22,830	762,976	14,915,404
1983	647,158	14,962	149,202	1,027,258	15,704,356	39,971	29,512	430,085	18,042,505
1984	920,182	15,376	164,505	2,063,179	23,845,324	54,427	60,100	797,221	27,920,315
1985	1,109,058	87,937	184,905	2,350,593	28,166,640	69,483	70,639	2,180,293	34,219,549
1986	1,273,624	34,393	180,445	2,365,159	30,739,767	80,769	76,519	2,202,930	36,953,606
1987	1,132,529	51,188	179,872	2,804,776	29,560,005	78,018	74,775	2,262,782	36,143,945
1988	1,118,466	61,983	193,735	2,750,424	29,486,385	74,168	60,669	2,221,264	35,967,093
1989	1,154,313	49,665	187,913	2,435,635	29,558,178	67,048	69,153	2,465,507	35,987,412
1990	871,708	34,827	221,392	2,541,316	27,683,951	51,058	49,591	1,894,110	33,347,951
1991	594,011	23,732	220,282	2,055,250	17,883,343	27,930	27,360	1,254,675	22,086,583
1992	964,338	39,568	241,455	2,369,788	26,181,464	55,795	51,414	1,931,815	31,835,638
1993	1,176,628	54,095	264,959	2,799,482	31,695,633	72,889	70,097	2,665,403	38,799,186
1994	1,031,718	44,221	306,359	2,808,829	29,571,444	60,460	57,864	2,141,333	36,022,227
1995	1,528,406	47,079	304,297	3,499,611	36,694,999	88,875	80,687	2,795,443	45,039,398
1996	1,357,198	48,711	389,203	3,560,139	36,669,690	86,092	74,335	4,341,334	46,526,702
1997	1,398,727	25,868	276,681	3,107,763	32,838,915	36,715	69,195	1,695,411	39,449,275
1998	1,242,611	34,823	381,847	2,654,434	29,595,386	41,835	60,491	1,825,655	35,837,081
1999	1,236,996	56,268	369,935	3,062,825	31,713,760	75,476	65,787	4,188,654	40,769,701
2000	1,075,478	38,466	302,623	2,320,236	26,742,595	61,957	55,348	2,812,077	33,408,781
2001	1,762,840	63,702	328,001	2,240,137	34,376,094	80,519	102,254	3,097,473	42,051,019
2002	1,328,586	44,059	320,541	2,330,952	29,187,128	73,376	78,371	2,570,604	35,933,615
2003	1,396,960	48,958	339,961	2,741,740	32,009,834	89,703	79,599	2,889,002	39,595,757
2004	1,453,956	78,324	342,484	3,759,777	30,628,692	234,783	82,207	2,401,651	38,981,874
2005	2,043,413	88,260	355,581	2,982,461	41,696,506	418,952	81,742	3,451,470	51,118,385
2006	1,788,356	75,024	294,916	3,277,258	37,629,163	252,054	78,994	2,795,788	46,191,553
2007	1,658,905	69,769	333,662	3,063,528	35,566,226	234,073	82,494	2,952,809	43,961,465
2008	1,512,581	62,027	468,712	3,448,084	34,816,866	247,105	80,580	2,426,440	43,062,395
2009	1,208,915	49,943	435,271	2,184,856	30,471,532	191,396	62,330	2,017,290	36,621,533
2010	1,477,724	110,749	507,438	2,359,472	36,709,593	255,532	88,235	2,704,762	44,213,506
2011	2,183,472	81,979	506,763	3,445,004	51,121,340	303,397	92,431	2,729,907	60,464,292
2012	1,271,774	89,538	467,287	3,247,652	41,001,582	319,307	93,117	3,495,679	49,985,937
2013	1,619,309	82,647	519,826	3,418,166	40,983,668	280,430	92,527	2,757,464	49,754,038
2014	1,613,285	66,564	635,140	2,814,339	36,234,915	228,514	93,666	2,117,851	43,804,275
2015	1,396,995	67,715	747,667	3,198,458	37,709,812	227,162	81,602	2,295,722	45,725,132
2016	1,674,671	96,257	688,733	4,513,460	42,153,429	371,068	121,557	3,168,858	52,788,032
2017	**1,853,238**	**98,757**	**680,826**	**4,870,285**	**46,612,010**	**343,034**	**126,399**	**3,210,317**	**57,794,867**
2018	1,899,620	101,773	717,852	4,954,757	47,784,400	346,443	129,331	3,288,821	59,222,997
2019	1,835,868	102,455	696,540	5,007,807	47,631,337	348,808	131,879	3,308,572	59,063,267
2020	1,649,819	96,269	704,830	4,709,112	46,062,052	329,978	118,621	3,128,267	56,798,948
2021	1,726,747	101,319	709,674	4,880,394	47,545,163	345,461	128,354	3,275,593	58,712,706
2022	1,737,833	102,038	715,066	4,908,906	47,902,119	347,640	128,841	3,296,633	59,139,075
2023	1,695,714	99,257	720,709	4,794,371	47,184,594	338,974	123,122	3,215,629	58,172,369
2024	1,701,030	99,596	726,318	4,798,246	47,324,154	340,009	123,589	3,225,598	58,338,540
2025	1,697,738	99,369	731,946	4,796,166	47,403,982	339,283	122,333	3,219,056	58,409,872
2026	1,756,201	103,203	737,931	4,929,325	48,481,502	351,119	130,089	3,330,957	59,820,327
2027	1,748,169	102,664	743,603	4,920,034	48,508,285	349,408	128,004	3,315,319	59,815,486
2028	1,747,154	102,586	747,547	4,907,139	48,529,455	349,079	127,664	3,313,136	59,823,760
2029	1,763,724	103,665	753,674	4,955,195	48,980,730	352,376	128,968	3,344,681	60,383,012
2030	1,689,190	98,751	759,891	4,746,182	47,593,445	337,081	119,429	3,201,489	58,545,458
2031	1,824,224	107,623	764,875	5,123,794	50,499,986	364,200	134,490	3,460,236	62,279,428
2032	1,831,711	108,104	771,502	5,081,745	50,339,135	365,690	137,427	3,474,352	62,109,665
2033	1,721,548	100,846	777,868	4,847,890	48,710,589	343,091	120,661	3,262,816	59,885,308
2034	1,803,908	106,252	784,021	5,002,208	50,027,543	359,699	132,688	3,420,532	61,636,850
2035	2,161,149	129,739	790,130	6,045,362	57,595,117	432,316	173,337	4,105,453	71,432,604
TOTAL	**83,637,766**	**4,106,242**	**27,473,067**	**201,526,770**	**2,130,100,357**	**11,877,101**	**5,217,546**	**156,612,481**	**2,620,551,329**

[a] Capital charges repaid through bond debt service prior to 2015 exclude bond cover; 2016 and after includes both bond debt service and bond cover.

TABLE B-19 Total Transportation Charge for Each Contractor[a] (in dollars)

Sheet 3 of 4

Calendar Year	SOUTHERN CALIFORNIA AREA									
	AVEK	Castaic Lake	Coachella	Crestline	Desert	Littlerock	Mojave	Palmdale	San Bernardino	San Gabriel
	[20]	[21]	[22]	[23]	[24]	[25]	[26]	[27]	[28]	[29]
1961	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0	0
1963	34,411	0	0	0	726	0	0	0	51,729	0
1964	64,494	27,447	19,542	4,370	38,211	1,143	30,324	8,205	82,811	34,987
1965	121,484	53,007	34,348	7,194	42,701	2,082	53,730	15,222	135,069	35,344
1966	221,012	101,264	62,476	12,478	76,886	3,753	96,944	27,679	232,502	61,465
1967	427,622	210,814	121,269	23,472	148,839	7,284	188,141	54,023	433,350	115,574
1968	754,401	478,892	218,649	41,509	265,168	12,870	336,227	95,466	782,163	208,927
1969	1,090,136	725,835	334,105	61,226	394,024	18,693	500,689	138,063	1,205,834	321,755
1970	1,420,639	906,043	470,423	89,700	552,223	25,231	692,219	184,837	1,778,187	467,573
1971	1,760,670	1,090,440	627,331	128,360	754,065	31,837	931,649	231,280	2,538,219	659,414
1972	2,084,699	1,310,372	777,838	181,206	971,501	42,404	1,195,372	274,599	3,388,734	865,095
1973	2,177,324	1,326,909	920,218	183,713	1,184,696	43,482	1,262,078	287,315	3,971,543	946,686
1974	2,241,780	1,386,769	938,860	193,283	1,212,205	45,212	1,295,813	292,071	3,998,510	990,064
1975	2,419,858	1,455,585	983,580	206,040	1,280,804	48,490	1,365,296	304,281	4,159,094	1,088,341
1976	2,773,862	1,451,307	1,032,075	215,084	1,356,888	51,463	1,409,102	313,685	4,299,592	1,141,598
1977	2,717,286	1,520,872	929,532	226,032	1,194,916	47,348	1,482,157	329,365	4,553,831	1,197,216
1978	3,035,392	1,606,294	1,111,606	231,040	1,470,658	47,118	1,483,445	321,681	4,460,167	1,208,720
1979	3,589,381	1,641,500	1,180,841	237,955	1,569,175	48,396	1,612,358	332,472	4,422,382	1,152,375
1980	4,136,480	1,723,785	1,271,861	259,401	1,730,656	53,348	1,733,166	360,461	4,835,652	1,269,447
1981	4,469,204	1,978,119	1,355,504	271,181	1,850,802	77,806	1,859,135	391,869	5,224,182	1,357,680
1982	4,031,426	2,070,417	1,403,332	280,313	1,936,175	55,961	2,054,784	406,891	5,410,876	1,565,182
1983	5,224,176	2,333,372	1,997,502	333,081	2,880,959	69,381	2,131,344	494,688	6,020,929	1,556,652
1984	7,262,706	3,375,527	3,084,372	445,339	4,608,046	75,773	2,361,384	553,321	7,049,449	2,331,849
1985	8,979,937	3,760,557	3,882,496	540,388	5,883,196	79,232	2,473,365	759,052	7,740,359	2,378,394
1986	8,880,068	4,328,769	4,308,841	577,474	6,571,197	102,400	2,583,767	1,000,062	7,857,569	3,047,741
1987	8,897,753	4,170,045	4,164,707	604,982	6,418,841	211,809	2,617,332	1,026,398	9,224,608	3,034,142
1988	8,373,323	4,233,940	4,163,832	615,999	6,482,143	124,667	2,672,799	779,820	9,505,259	2,828,998
1989	8,750,651	4,114,266	3,808,646	586,595	5,952,262	170,570	2,620,917	1,442,627	8,944,266	2,930,395
1990	10,040,074	4,555,126	4,487,886	620,394	7,014,185	289,349	2,819,468	1,639,830	9,795,019	3,678,107
1991	6,542,001	3,524,058	2,996,131	567,450	4,550,559	175,137	3,579,410	1,294,608	8,921,839	3,035,638
1992	8,644,005	4,481,624	3,068,616	470,165	4,667,984	121,335	4,381,364	1,129,578	8,573,361	2,980,091
1993	9,028,570	4,113,039	3,267,678	472,817	4,993,632	157,747	4,260,927	1,347,511	9,505,683	3,320,012
1994	11,216,190	4,725,251	3,313,737	554,651	5,066,159	225,809	5,254,817	1,698,990	10,209,083	4,076,706
1995	10,817,875	4,983,090	4,087,603	509,163	6,340,703	155,561	4,343,044	1,527,248	9,443,228	3,715,377
1996	11,187,158	5,171,170	7,025,782	553,232	11,183,947	150,612	4,410,639	1,867,203	9,869,329	3,807,422
1997	11,437,950	4,937,891	6,588,591	579,281	7,422,990	144,833	4,714,892	1,869,307	11,268,380	4,037,862
1998	9,956,830	4,566,358	5,663,864	546,645	5,928,447	146,074	5,751,249	1,474,029	11,192,751	3,321,115
1999	11,473,042	4,989,892	4,648,108	637,393	6,003,270	146,909	5,989,455	1,853,582	12,338,933	4,177,208
2000	10,596,779	6,837,243	3,071,454	594,291	4,377,827	115,173	5,760,850	1,448,529	11,883,970	3,253,760
2001	20,766,464	12,538,175	4,126,996	800,429	6,393,351	127,925	6,471,076	3,367,401	17,920,450	3,400,854
2002	11,990,852	9,678,139	3,358,238	759,146	5,125,035	109,667	5,584,904	2,738,104	18,762,806	4,782,841
2003	13,366,259	10,732,427	3,480,426	729,614	5,324,844	115,325	7,247,931	2,277,117	17,174,271	4,950,808
2004	14,235,804	11,797,957	4,112,158	829,151	5,365,147	124,146	7,358,215	2,517,757	21,503,364	4,388,862
2005	14,640,814	10,844,055	17,785,478	653,880	10,282,020	114,279	7,158,326	2,566,888	19,551,335	4,652,123
2006	16,079,083	9,937,239	27,229,693	632,629	9,853,675	122,066	9,839,741	2,485,769	19,255,382	4,659,802
2007	19,629,610	13,365,361	26,113,808	880,732	9,364,886	126,627	13,676,159	4,030,167	25,509,692	3,831,758
2008	17,102,645	15,248,889	25,589,120	804,323	10,248,596	134,964	11,981,793	3,945,884	25,584,364	4,775,994
2009	14,850,810	12,989,909	23,274,321	780,545	8,129,412	133,483	11,661,046	3,674,951	25,464,410	5,255,249
2010	17,557,736	12,715,063	31,809,228	689,273	10,989,064	122,016	14,002,388	3,025,322	27,895,761	6,780,360
2011	23,828,664	12,339,758	33,209,751	744,963	11,916,002	136,233	7,567,835	2,990,623	25,010,233	7,446,330
2012	24,249,437	14,486,658	40,147,143	848,933	14,395,366	147,826	9,331,869	4,418,156	38,732,722	7,776,565
2013	19,361,992	17,072,691	31,931,123	1,062,272	10,854,849	165,964	9,300,239	3,480,443	29,467,894	5,925,151
2014	14,803,167	15,800,357	27,450,696	1,157,421	8,807,362	172,112	9,405,188	3,592,040	29,679,522	4,876,828
2015	12,622,803	14,967,155	30,020,626	1,119,071	9,992,389	163,750	10,742,393	2,707,186	34,676,045	5,849,206
2016	23,853,753	14,614,135	36,922,072	1,203,313	12,688,080	161,631	10,691,452	3,745,445	38,946,003	7,067,330
2017	**25,929,265**	**19,541,243**	**38,646,697**	**1,609,190**	**13,444,748**	**170,678**	**17,107,169**	**4,970,439**	**43,444,955**	**7,635,280**
2018	26,814,797	19,936,021	41,359,255	1,571,573	13,865,303	168,070	17,671,142	5,178,240	43,806,559	7,747,109
2019	26,542,837	19,872,957	40,751,511	1,568,868	13,880,366	162,183	18,051,861	5,236,173	44,677,101	7,790,234
2020	26,810,734	20,065,166	41,315,071	1,573,851	14,013,823	158,319	18,464,553	5,313,625	44,818,202	7,816,229
2021	26,447,565	19,789,990	40,662,853	1,535,608	13,760,007	154,101	18,167,811	5,243,132	44,159,316	7,644,693
2022	26,754,239	19,929,667	40,370,746	1,541,130	13,791,274	152,852	18,303,713	5,317,343	44,230,786	7,672,061
2023	26,530,854	19,944,545	39,511,805	1,533,097	13,597,410	153,102	18,228,720	5,264,555	44,008,127	7,604,589
2024	26,358,050	19,754,604	39,321,298	1,523,550	13,529,232	154,017	18,093,351	5,220,970	43,893,405	7,569,025
2025	26,688,577	20,045,336	39,728,004	1,540,313	13,693,447	154,851	18,341,536	5,291,817	44,228,190	7,656,374
2026	26,224,143	19,751,236	39,153,293	1,518,671	13,464,233	155,861	18,052,600	5,181,646	43,831,283	7,537,975
2027	26,797,127	20,111,842	39,805,783	1,545,850	13,726,471	156,918	18,404,503	5,306,462	44,353,460	7,677,058
2028	26,566,826	20,004,339	39,620,672	1,538,713	13,644,139	158,014	18,303,026	5,248,986	44,244,647	7,638,747
2029	26,942,448	20,218,722	40,113,239	1,557,449	13,834,414	159,047	18,532,415	5,329,284	44,643,357	7,742,724
2030	26,476,118	19,909,830	39,737,141	1,541,437	13,672,752	160,056	18,321,315	5,219,060	44,395,216	7,664,852
2031	28,234,858	20,860,904	41,545,709	1,616,992	14,394,107	159,730	19,289,246	5,619,553	45,767,229	8,042,688
2032	26,040,096	19,562,267	39,446,295	1,524,666	13,537,644	161,200	18,077,871	5,115,435	44,240,387	7,605,625
2033	27,956,506	20,687,571	41,410,798	1,613,103	14,316,613	161,216	19,252,025	5,551,291	45,717,895	8,012,187
2034	26,106,000	19,686,713	39,753,649	1,533,865	13,636,835	160,815	18,224,663	5,136,229	44,497,029	7,661,451
2035	31,047,505	22,368,305	44,496,347	1,740,528	15,536,010	160,805	20,845,886	6,257,896	48,030,892	8,645,060
TOTAL	**997,089,089**	**691,436,112**	**1,220,734,273**	**56,087,043**	**537,446,570**	**8,526,139**	**590,063,616**	**180,141,239**	**1,487,430,732**	**305,982,932**

[a] Capital charges repaid through bond debt service prior to 2015 exclude bond cover; 2016 and after includes both bond debt service and bond cover.

TABLE B-19 Total Transportation Charge for Each Contractor[a] (in dollars)

Calendar Year	SOUTHERN CALIFORNIA AREA (continued)				FEATHER RIVER AREA				South Bay Area Future Contractor	Grand Total
	San Gorgonio	Metropolitan	Ventura	Total	Yuba City	Butte	Plumas	Total		
	[30]	[31]	[32]	[33]	[34]	[35]	[36]	[37]	[38]	[39]
1961	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	3,219	79,888
1963	0	690,812	0	777,678	0	0	0	0	12,626	1,628,026
1964	21,735	1,260,513	9,378	1,603,161	0	0	0	0	13,938	2,810,279
1965	21,866	2,180,589	17,766	2,720,401	0	0	405	405	28,937	4,815,355
1966	37,964	3,900,172	33,426	4,868,023	0	0	565	565	31,321	7,409,358
1967	71,283	7,693,703	68,155	9,563,529	0	0	562	562	47,718	12,845,638
1968	128,915	15,317,881	142,803	18,783,872	0	0	564	564	46,945	25,048,489
1969	198,764	23,153,064	215,209	28,357,398	0	0	3,191	3,191	52,963	36,233,158
1970	289,633	30,617,164	273,605	37,767,476	0	0	15,121	15,121	69,744	46,437,668
1971	409,327	39,958,997	342,425	49,464,015	0	0	16,001	16,001	55,532	59,141,390
1972	537,186	52,948,599	422,304	64,999,909	0	0	17,372	17,372	80,412	76,935,430
1973	587,963	57,273,225	435,655	70,600,806	0	0	17,334	17,334	54,219	81,619,365
1974	611,428	61,776,466	455,565	75,438,027	0	0	17,477	17,477	76,783	87,362,507
1975	644,621	66,756,784	478,403	81,191,178	0	0	18,406	18,406	84,547	94,539,180
1976	668,315	68,485,047	475,587	83,673,605	0	0	17,477	17,477	106,717	97,611,176
1977	696,515	66,234,179	507,063	81,636,312	0	0	18,232	18,232	98,618	95,661,135
1978	709,040	72,934,779	523,177	89,143,116	0	0	17,381	17,381	100,786	105,164,195
1979	712,866	72,666,594	526,405	89,692,699	0	0	20,579	20,579	119,352	107,531,003
1980	777,981	79,926,555	571,232	98,650,027	0	0	17,761	17,761	178,812	117,504,170
1981	806,031	91,261,394	636,404	111,539,309	0	0	21,193	21,193	185,347	132,312,136
1982	853,400	93,144,741	670,375	113,883,872	0	0	28,423	28,423	173,894	135,700,297
1983	952,131	101,787,700	803,591	126,585,506	0	0	19,276	19,276	220,926	152,202,286
1984	1,072,639	137,507,077	868,967	170,596,449	0	0	21,114	21,114	225,959	208,809,977
1985	1,120,854	172,916,230	908,769	211,422,827	0	0	20,239	20,239	340,322	258,538,543
1986	1,149,714	193,242,026	937,311	234,586,938	0	0	20,139	20,139	279,227	284,907,422
1987	1,172,015	178,764,439	908,034	221,215,104	0	0	19,742	19,742	345,116	273,181,943
1988	1,208,206	190,243,523	904,868	232,137,377	0	0	17,900	17,900	365,207	285,273,049
1989	1,194,911	193,235,261	932,599	234,683,966	0	0	19,158	19,158	422,329	288,360,668
1990	1,297,621	239,540,417	1,486,755	287,264,231	0	0	18,148	18,148	474,284	340,514,277
1991	1,354,921	179,950,983	1,141,118	217,633,853	0	0	21,018	21,018	214,683	256,261,469
1992	1,349,184	196,166,977	1,025,285	237,059,570	0	0	18,014	18,014	443,676	286,950,412
1993	1,507,550	169,493,328	1,068,135	212,536,630	0	0	20,999	20,999	599,571	271,746,042
1994	1,497,753	209,282,955	1,008,952	258,131,053	0	0	19,649	19,649	609,966	317,147,644
1995	1,520,622	173,420,265	1,061,324	221,925,100	0	0	20,277	20,277	534,971	290,873,109
1996	1,527,165	181,404,029	1,103,254	239,260,943	0	0	25,378	25,378	571,857	319,980,796
1997	1,730,348	186,736,527	1,216,560	242,685,410	0	0	24,820	24,820	428,638	324,236,878
1998	1,920,021	168,571,967	1,237,386	220,276,736	0	0	0	0	465,095	302,891,438
1999	2,167,221	191,636,505	1,264,332	247,325,851	0	0	(0)	(0)	584,116	339,426,251
2000	2,399,072	185,238,178	1,321,281	236,898,408	0	0	0	0	0	321,494,102
2001	3,320,394	376,931,270	1,621,143	457,785,929	0	0	0	0	0	560,353,246
2002	4,666,197	264,584,000	1,648,232	333,788,162	0	0	(0)	(0)	0	434,701,025
2003	5,925,760	292,850,048	1,668,190	365,843,019	0	0	20,800	20,800	0	466,431,583
2004	6,247,900	339,975,906	1,909,882	420,366,249	0	0	20,830	20,830	0	519,462,405
2005	6,521,078	312,842,936	1,398,129	409,011,340	0	0	20,827	20,827	0	520,292,484
2006	7,001,949	287,944,945	1,325,689	396,367,660	0	0	21,280	21,280	0	501,652,185
2007	7,651,837	373,771,122	1,870,260	499,822,019	0	0	20,893	20,893	0	607,761,465
2008	8,922,562	339,083,808	2,262,970	465,685,913	0	0	22,412	22,412	0	576,386,830
2009	9,230,481	303,171,086	2,071,553	420,687,254	0	0	18,220	18,220	0	521,719,413
2010	10,307,480	349,732,641	2,103,145	487,729,477	0	0	18,448	18,448	0	602,965,226
2011	11,079,708	391,292,510	2,095,161	529,657,771	0	0	20,131	20,131	0	666,450,876
2012	12,033,121	378,691,890	2,350,421	547,610,106	0	0	18,470	18,470	0	678,169,541
2013	12,601,142	366,073,756	2,281,754	509,579,273	0	0	17,666	17,666	0	642,257,742
2014	15,130,946	316,748,240	1,829,693	449,453,571	0	0	17,493	17,493	0	574,644,956
2015	17,025,170	335,484,534	1,932,601	477,302,931	0	0	17,089	17,089	0	608,511,035
2016	19,628,780	393,481,149	2,327,958	565,331,101	0	0	16,924	16,924	0	714,477,142
2017	**22,023,268**	**423,957,910**	**2,488,108**	**620,968,950**	**0**	**0**	**16,926**	**16,926**	**0**	**774,967,291**
2018	22,234,708	412,611,400	2,424,745	615,388,921	0	0	16,924	16,924	0	768,687,718
2019	22,469,633	415,402,342	2,394,604	618,800,671	0	0	14,298	14,298	0	775,816,992
2020	22,597,082	416,818,009	2,388,886	622,153,549	0	0	2,370	2,370	0	776,644,346
2021	22,488,515	409,526,676	2,337,407	611,917,673	0	0	1,544	1,544	0	768,950,242
2022	22,537,462	409,865,808	2,326,316	612,793,397	0	0	161	161	0	770,795,617
2023	22,508,548	407,777,688	2,333,919	608,996,959	0	0	161	161	0	766,006,085
2024	22,510,660	404,300,351	2,322,365	604,550,877	0	0	161	161	0	762,159,692
2025	22,589,571	409,241,148	2,343,900	611,543,065	0	0	160	160	0	769,594,970
2026	22,514,088	403,842,777	2,333,429	603,561,235	0	0	159	159	0	763,539,038
2027	22,626,189	410,710,980	2,361,360	613,584,004	0	0	159	159	0	773,911,444
2028	22,627,945	408,730,704	2,360,050	610,686,808	0	0	158	158	0	771,402,201
2029	22,714,632	413,297,152	2,376,158	617,461,042	0	0	158	158	0	779,210,792
2030	22,693,017	407,534,351	2,355,209	609,680,352	0	0	157	157	0	769,504,955
2031	22,940,514	426,166,133	2,397,984	637,035,646	0	0	157	157	0	801,691,117
2032	22,676,804	402,512,248	2,321,266	602,821,803	0	0	157	157	0	767,590,831
2033	22,968,616	422,695,285	2,388,414	632,731,519	0	0	158	158	0	795,059,202
2034	22,760,350	404,800,136	2,330,060	606,287,793	0	0	158	158	0	770,986,648
2035	23,364,810	457,304,605	2,503,561	682,302,210	0	0	158	158	0	858,926,822
TOTAL	**622,067,698**	**17,447,075,188**	**101,787,982**	**24,245,868,612**	**0**	**0**	**879,679**	**879,679**	**8,748,370**	**30,432,869,305**

[a] Capital charges repaid through bond debt service prior to 2015 exclude bond cover; 2016 and after includes both bond debt service and bond cover.

TABLE B-20A Calculation of Delta Water Rates

Calculation in Accordance with Article 53(i) of the Monterey Amendment
(Values in millions of dollars [$] or millions of acre-feet [af] discounted to 2016 at 4.610 percent per annum)

Procedure	Capital Cost Component		Minimum Operation, Maintenance, Power and Replacement Component[a]		Total Delta Water Rate	
	[1]		[2]		[3]	
Commencing in 2017						
Total Costs of "Initial" Project Conservation Facilities to be Reimbursed and Project Water Table A Amounts During the Project Repayment Period	$8,606.93[b]	466.11 af	$7,723.93[c]	466.11 af	$16,330.86	466.11 af
Less, Project Power Revenues to be Realized During the Project Repayment Period	($4,267.49)		($3,926.98)		($8,194.47)	
Less, Delta Water Charges Paid and Project Water Table A Amounts, Prior to 2017	($3,229.25)[d]	(414.04) af	($1,320.64)	(414.04) af	($4,549.89)	(414.04) af
TOTAL	$1,110.19	52.07 af	$2,476.31	52.07 af	$3,586.50	52.07 af
Rate Applicable in 2017	$21.32 per acre-foot		$47.56 per acre-foot		$68.88 per acre-foot	

Calculation Under Original Provisions, without the Monterey Amendment
(for Plumas and Empire)

Procedure	Capital Cost Component		Minimum Operation, Maintenance, Power and Replacement Component[a]		Total Delta Water Rate	
	[4]		[5]		[6]	
Commencing in 2017						
Total Costs of "Initial" Project Conservation Facilities to be Reimbursed and Project Water Table A Amounts during the Project Repayment Period	$8,587.90[b]	466.11 af	$7,690.03[c]	466.11 af	$16,277.93	466.11 af
Less, Project Power Revenues to be Realized During the Project Repayment Period	($4,267.49)		($3,926.98)		($8,194.47)	
Less, Delta Water Charges Paid and Project Water Table A Amounts, Prior to 2017	($3,229.25)[d]	(414.04) af	($1,320.64)	(414.04) af	($4,549.89)	(414.04) af
TOTAL	$1,091.15	52.07 af	$2,442.42	52.07 af	$3,533.57	52.07 af
Rate Applicable in 2017	$20.95 per acre-foot		$46.91 per acre-foot		$67.86 per acre-foot	

[a] Considering that all operating costs of Project Conservation Facilities will not vary with annual amounts of Project water delivered, and therefore are properly classified as "Minimum" OMP&R Costs. OMP&R costs exclude amounts for Conservation Replacement Accounting System.

[b] Including net credits of $4,850,000 for settlements as to the magnitude of Project Capital costs incurred prior to December 31, 1960, and net credits of $6,678,320 for settlement as to the magnitude of Project Capital costs incurred during the 1961 through 1978 period.

[c] Includes conservation power costs and credits at San Luis Reservoir.

[d] Applying all Delta Water Charges paid prior to 1970 to reimburse Capital costs (the charge was not divided into components until 1970).

TABLE B-20B Delta Water Rates by Facility (in dollars per acre-foot)

Item	Capital Cost Component	Minimum Operation, Maintenance, Power and Replacement Component	Total Delta Water Rate
	[1]	[2]	[3]
Initial Conservation Facilities			
Oroville Division			
Water Supply and Power Costs[a]	97.42	65.90	163.32
Less, Oroville Power Revenues	-59.66	-25.36	-85.02
Subtotal	*37.76*	*40.54*	*78.30*
Delta Facilities[b]	31.70	50.83	82.53
California Aqueduct portion			
Reach1	5.95	11.95	17.90
Reach 2A	3.41	1.43	4.83
Reach 2B	1.72	1.00	2.73
Reach 3	1.21	0.52	1.73
Subtotal	*12.29*	*14.90*	*27.19*
San Luis Facilities	18.65	16.05	34.70
Planning and Preoperating Costs through 2015	4.87	0.00	4.87
45,000 af Relinquished Costs	0.37	0.65	1.02
Less, Capital Cost Credits	-2.35	0.00	-2.35
Less, Delta Water Charges paid prior to 2017	-81.95	-75.42	-157.37
Rate Applicable in 2017	21.32	47.56	68.88

[a] Includes revenue received from non-SWP contractors.

[b] Includes: 1. Delta Facility planning costs; 2. Delta Studies costs; and 3. Suisun Marsh Facilities Costs.

TABLE B-21 Total Delta Water Charge for Each Contractor (in dollars)

Sheet 1 of 4

	NORTH BAY AREA			SOUTH BAY AREA				CENTRAL COASTAL AREA		
Calendar Year	Napa	Solano	Total	Alameda-Zone 7	Alameda County	Santa Clara	Total	San Luis	Santa Barbara	Total
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]
1964	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	14,000	50,050	177,100	241,150	0	0	0
1968	0	0	0	19,156	29,701	193,245	242,102	0	0	0
1969	0	0	0	30,324	44,096	215,483	289,903	0	0	0
1970	0	0	0	80,908	107,730	585,200	773,838	0	0	0
1971	0	0	0	57,320	123,080	637,120	817,520	0	0	0
1972	0	0	0	99,668	143,877	707,328	950,873	0	0	0
1973	0	0	0	120,880	167,099	782,167	1,070,146	0	0	0
1974	0	0	0	137,684	182,339	818,664	1,138,687	0	0	0
1975	0	0	0	146,204	187,324	804,123	1,137,651	0	0	0
1976	0	0	0	168,489	208,652	862,036	1,239,177	0	0	0
1977	0	0	0	172,931	208,645	827,062	1,208,638	0	0	0
1978	0	0	0	206,378	243,231	926,594	1,376,203	0	0	0
1979	0	0	0	237,771	273,208	1,005,955	1,516,934	0	0	0
1980	0	18,325	18,325	272,717	307,426	1,090,867	1,671,010	12,396	3,479	15,875
1981	0	25,440	25,440	415,564	469,768	1,589,984	2,475,316	18,068	10,414	28,482
1982	0	34,917	34,917	457,988	519,053	1,679,289	2,656,330	38,166	99,788	137,954
1983	0	12,035	12,035	316,703	359,775	1,114,795	1,791,273	38,004	68,902	106,906
1984	0	22,453	22,453	334,587	380,914	1,132,448	1,847,949	57,909	105,498	163,407
1985	0	22,001	22,001	381,970	435,728	1,244,939	2,062,637	106,103	192,937	299,040
1986	35,358	21,767	57,125	423,378	485,372	1,330,615	2,239,365	151,206	275,347	426,553
1987	0	22,984	22,984	430,024	493,786	1,304,900	2,228,710	185,355	336,664	522,019
1988	88,878	150,466	239,344	464,114	533,731	1,361,400	2,359,245	239,792	436,607	676,399
1989	102,688	305,328	408,016	513,853	591,760	1,491,833	2,597,446	331,518	602,402	933,920
1990	112,723	355,132	467,855	534,787	616,676	1,537,512	2,688,975	417,802	760,166	1,177,968
1991	129,296	395,515	524,811	603,028	681,067	1,667,194	2,951,289	443,403	806,745	1,250,148
1992	158,879	489,808	648,687	729,545	808,579	1,945,453	3,483,577	506,628	921,780	1,428,408
1993	172,457	530,778	703,235	771,894	840,958	1,990,673	3,603,525	507,825	923,957	1,431,782
1994	177,824	546,610	724,434	778,647	817,579	1,946,615	3,542,841	486,654	885,437	1,372,091
1995	203,738	713,497	917,235	874,946	874,946	2,083,205	3,833,097	520,801	947,567	1,468,368
1996	213,506	774,152	987,658	901,129	860,168	2,048,020	3,809,317	512,005	931,562	1,443,567
1997	250,558	866,141	1,116,699	1,041,633	951,056	2,264,420	4,257,109	566,105	1,029,994	1,596,099
1998	266,952	882,469	1,149,421	1,048,658	957,470	2,279,691	4,285,819	141,683	888,760	1,030,443
1999	290,688	923,459	1,214,147	1,084,480	990,178	2,357,566	4,432,224	589,391	1,072,362	1,661,753
2000	390,936	948,784	1,339,720	1,628,402	1,005,778	2,394,709	5,028,889	598,677	1,089,257	1,687,934
2001	496,412	1,097,880	1,594,292	1,868,283	1,005,998	2,395,234	5,269,515	598,809	1,089,496	1,688,305
2002	512,928	1,125,429	1,638,357	1,896,134	1,020,996	2,430,942	5,348,072	607,736	1,105,738	1,713,474
2003	511,059	1,112,692	1,623,751	1,856,232	999,510	2,379,785	5,235,527	594,946	1,082,469	1,677,415
2004	569,615	1,230,627	1,800,242	2,033,406	1,094,911	2,606,931	5,735,248	651,732	1,185,788	1,837,520
2005	573,729	1,219,893	1,793,622	2,081,144	1,084,212	2,581,456	5,746,812	645,364	1,174,201	1,819,565
2006	606,343	1,272,001	1,878,344	2,167,748	1,129,330	2,688,880	5,985,958	672,220	1,223,064	1,895,284
2007	623,728	1,291,247	1,914,975	2,198,222	1,145,206	2,726,679	6,070,107	681,671	1,240,257	1,921,928
2008	647,091	1,322,240	1,969,331	2,248,610	1,171,457	2,789,182	6,209,249	697,295	1,268,688	1,965,983
2009	717,087	1,446,549	2,163,636	2,457,420	1,280,240	3,048,190	6,785,850	762,047	1,386,499	2,148,546
2010	1,105,529	1,809,450	2,914,979	3,070,686	1,599,732	3,808,886	8,479,304	952,222	1,732,510	2,684,732
2011	1,216,921	1,993,865	3,210,786	3,380,086	1,760,920	4,192,667	9,333,673	1,048,166	1,907,076	2,955,242
2012	1,270,523	2,083,876	3,354,399	3,528,968	1,838,483	4,377,339	9,744,790	1,094,335	1,991,077	3,085,412
2013	1,344,704	2,207,862	3,552,566	3,735,010	1,945,825	4,632,915	10,313,750	1,158,229	2,107,328	3,265,557
2014	1,276,099	2,097,420	3,373,519	3,544,457	1,846,552	4,396,552	9,787,561	1,099,138	1,999,815	3,098,953
2015	1,736,721	2,857,498	4,594,219	4,823,867	2,513,086	5,983,536	13,320,489	1,495,884	2,721,671	4,217,555
2016	2,075,875	3,415,521	5,491,396	5,765,891	3,003,850	7,152,025	15,921,766	1,788,006	3,253,170	5,041,176
2017	**1,999,142**	**3,289,270**	**5,288,412**	**5,552,760**	**2,892,816**	**6,887,657**	**15,333,233**	**1,721,914**	**3,132,919**	**4,854,833**
2018	1,999,142	3,289,270	5,288,412	5,552,760	2,892,816	6,887,657	15,333,233	1,721,914	3,132,919	4,854,833
2019	1,999,142	3,289,270	5,288,412	5,552,760	2,892,816	6,887,657	15,333,233	1,721,914	3,132,919	4,854,833
2020	1,999,142	3,289,270	5,288,412	5,552,760	2,892,816	6,887,657	15,333,233	1,721,914	3,132,919	4,854,833
2021	1,999,142	3,289,270	5,288,412	5,552,760	2,892,816	6,887,657	15,333,233	1,721,914	3,132,919	4,854,833
2022	1,999,142	3,289,270	5,288,412	5,552,760	2,892,816	6,887,657	15,333,233	1,721,914	3,132,919	4,854,833
2023	1,999,142	3,289,270	5,288,412	5,552,760	2,892,816	6,887,657	15,333,233	1,721,914	3,132,919	4,854,833
2024	1,999,142	3,289,270	5,288,412	5,552,760	2,892,816	6,887,657	15,333,233	1,721,914	3,132,919	4,854,833
2025	1,999,142	3,289,270	5,288,412	5,552,760	2,892,816	6,887,657	15,333,233	1,721,914	3,132,919	4,854,833
2026	1,999,142	3,289,270	5,288,412	5,552,760	2,892,816	6,887,657	15,333,233	1,721,914	3,132,919	4,854,833
2027	1,999,142	3,289,270	5,288,412	5,552,760	2,892,816	6,887,657	15,333,233	1,721,914	3,132,919	4,854,833
2028	1,999,142	3,289,270	5,288,412	5,552,760	2,892,816	6,887,657	15,333,233	1,721,914	3,132,919	4,854,833
2029	1,999,142	3,289,270	5,288,412	5,552,760	2,892,816	6,887,657	15,333,233	1,721,914	3,132,919	4,854,833
2030	1,999,142	3,289,270	5,288,412	5,552,760	2,892,816	6,887,657	15,333,233	1,721,914	3,132,919	4,854,833
2031	1,999,142	3,289,270	5,288,412	5,552,760	2,892,816	6,887,657	15,333,233	1,721,914	3,132,919	4,854,833
2032	1,999,142	3,289,270	5,288,412	5,552,760	2,892,816	6,887,657	15,333,233	1,721,914	3,132,919	4,854,833
2033	1,999,142	3,289,270	5,288,412	5,552,760	2,892,816	6,887,657	15,333,233	1,721,914	3,132,919	4,854,833
2034	1,999,142	3,289,270	5,288,412	5,552,760	2,892,816	6,887,657	15,333,233	1,721,914	3,132,919	4,854,833
2035	1,999,142	3,289,270	5,288,412	5,552,760	2,892,816	6,887,657	15,333,233	1,721,914	3,132,919	4,854,833
TOTAL	**55,862,543**	**98,142,241**	**154,004,784**	**167,658,364**	**95,354,612**	**233,454,887**	**496,467,863**	**53,733,657**	**98,383,933**	**152,117,590**

TABLE B-21 Total Delta Water Charge for Each Contractor (in dollars)

	SAN JOAQUIN VALLEY AREA								
				Kern					
Calendar Year	Dudley Ridge	Empire	Future Contractor San Joaquin Valley	Municipal and Industrial	Agricultural	Kings	Oak Flat	Tulare	Total
	[11]	[12]	[13]	[14]	[15]	[16]	[17]	[18]	[19]
1964	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0
1968	40,695	10,469	0	0	165,522	3,177	8,073	98,608	326,544
1969	61,267	3,281	0	0	337,686	4,200	8,805	102,478	517,717
1970	104,405	19,950	0	0	964,915	8,645	17,290	228,095	1,343,300
1971	129,596	21,720	0	0	1,377,772	9,412	20,272	264,260	1,823,032
1972	160,756	24,113	0	0	2,175,835	11,253	43,131	905,057	3,320,145
1973	195,541	26,664	0	386,638	2,373,167	13,333	27,553	373,307	3,396,203
1974	224,202	27,909	0	446,545	2,781,595	13,954	29,770	445,138	3,969,113
1975	329,688	27,413	0	481,560	3,041,048	14,620	33,702	827,591	4,755,622
1976	414,245	29,388	0	549,549	3,931,785	15,673	35,966	877,151	5,853,757
1977	312,532	28,195	0	569,545	4,071,218	15,977	40,289	626,210	5,663,966
1978	342,208	31,588	0	674,939	4,950,959	20,006	41,065	666,516	6,727,281
1979	395,523	34,294	0	772,757	5,901,986	22,863	45,725	771,613	7,944,761
1980	555,341	37,679	0	881,371	6,984,026	27,272	70,658	933,481	9,489,828
1981	740,789	54,204	0	1,351,487	11,140,730	41,556	77,692	1,373,168	14,779,626
1982	782,396	57,248	0	1,518,993	12,703,436	47,707	85,873	1,530,443	16,726,096
1983	543,462	38,004	0	1,057,789	9,141,315	35,471	58,273	78,506	10,952,820
1984	580,379	13,572	0	1,333,200	9,741,623	39,893	61,770	756,132	12,526,569
1985	667,740	42,441	0	1,540,611	11,403,920	48,100	69,320	644,383	14,416,515
1986	745,447	45,362	0	1,714,679	12,925,113	55,946	77,115	1,469,725	17,033,387
1987	762,180	44,485	0	1,766,065	13,410,817	59,314	77,108	1,503,601	17,623,570
1988	827,669	46,411	0	1,916,790	14,707,763	61,882	83,540	1,633,680	19,277,735
1989	921,621	49,728	0	2,125,033	16,312,361	66,304	92,825	1,821,693	21,389,565
1990	964,288	50,136	0	1,998,766	17,276,959	66,848	95,259	1,980,383	22,432,639
1991	1,023,374	53,208	0	2,121,239	18,335,590	70,944	101,096	2,101,729	23,807,180
1992	1,169,299	60,795	0	2,727,688	20,646,125	81,061	115,511	2,401,419	27,201,898
1993	1,172,060	60,939	0	2,734,129	20,694,874	81,252	115,784	2,407,089	27,266,127
1994	1,123,198	58,398	0	2,156,809	20,295,455	77,865	110,957	2,306,739	26,129,421
1995	1,202,009	62,497	0	2,803,995	21,223,694	83,328	118,743	2,468,598	27,962,864
1996	534,818	69,191	0	2,756,635	19,492,814	81,921	102,219	2,426,904	25,464,502
1997	1,208,521	67,162	0	3,047,908	22,148,973	90,576	129,072	2,683,338	29,375,550
1998	1,216,671	77,807	0	2,726,511	22,070,376	91,188	129,942	2,820,148	29,132,643
1999	1,258,233	69,974	0	2,819,648	22,824,299	94,303	134,381	2,793,715	29,994,553
2000	1,278,056	70,943	0	3,223,279	21,220,235	95,788	136,498	2,837,730	28,862,529
2001	1,278,336	71,058	0	2,864,700	21,110,372	95,809	136,528	2,838,352	28,395,155
2002	1,393,975	72,121	0	3,272,056	21,060,431	97,237	138,564	2,711,156	28,745,540
2003	1,364,640	70,550	0	3,203,191	20,617,243	95,192	135,648	2,654,103	28,140,567
2004	1,494,892	77,810	0	3,508,929	22,585,122	104,277	148,595	2,897,005	30,816,630
2005	1,480,284	77,153	0	3,474,640	22,307,136	232,331	147,143	2,739,621	30,458,308
2006	1,541,884	80,380	0	3,619,232	23,235,418	242,000	153,266	2,587,428	31,459,608
2007	1,563,559	81,479	0	3,670,110	23,562,051	253,717	155,421	2,615,486	31,901,823
2008	1,599,401	83,191	0	3,754,239	24,102,160	259,533	158,984	2,675,439	32,632,947
2009	1,747,923	90,846	0	4,102,863	26,340,321	283,634	173,747	2,923,885	35,663,219
2010	1,917,507	113,466	0	5,126,760	32,304,300	354,417	217,107	3,386,937	43,420,494
2011	2,110,714	123,965	0	5,643,329	35,559,263	390,127	238,982	3,728,203	47,794,583
2012	2,203,684	129,358	0	5,891,899	37,125,531	407,312	249,508	3,892,417	49,899,709
2013	2,332,348	136,898	0	6,235,904	39,293,142	431,093	264,076	4,119,681	52,813,142
2014	2,125,733	129,639	0	5,917,760	37,288,481	409,099	250,603	3,845,708	49,967,023
2015	2,713,534	176,957	0	8,053,840	50,748,164	556,768	341,062	5,233,858	67,824,183
2016	3,243,443	211,761	0	9,626,626	60,658,473	665,496	407,666	6,255,949	81,069,414
2017	**3,123,553**	**203,580**	**0**	**9,270,786**	**58,416,281**	**640,896**	**392,596**	**6,024,702**	**78,072,394**
2018	3,123,553	203,580	0	9,270,786	58,416,281	640,896	392,596	6,024,702	78,072,394
2019	3,123,553	203,580	0	9,270,786	58,416,281	640,896	392,596	6,024,702	78,072,394
2020	2,848,046	203,580	0	9,270,786	58,416,281	640,896	392,596	6,024,702	77,796,887
2021	2,848,046	203,580	0	9,270,786	58,416,281	640,896	392,596	6,024,702	77,796,887
2022	2,848,046	203,580	0	9,270,786	58,416,281	640,896	392,596	6,024,702	77,796,887
2023	2,848,046	203,580	0	9,270,786	58,416,281	640,896	392,596	6,024,702	77,796,887
2024	2,848,046	203,580	0	9,270,786	58,416,281	640,896	392,596	6,024,702	77,796,887
2025	2,848,046	203,580	0	9,270,786	58,416,281	640,896	392,596	6,024,702	77,796,887
2026	2,848,046	203,580	0	9,270,786	58,416,281	640,896	392,596	6,024,702	77,796,887
2027	2,848,046	203,580	0	9,270,786	58,416,281	640,896	392,596	6,024,702	77,796,887
2028	2,848,046	203,580	0	9,270,786	58,416,281	640,896	392,596	6,024,702	77,796,887
2029	2,848,046	203,580	0	9,270,786	58,416,281	640,896	392,596	6,024,702	77,796,887
2030	2,848,046	203,580	0	9,270,786	58,416,281	640,896	392,596	6,024,702	77,796,887
2031	2,848,046	203,580	0	9,270,786	58,416,281	640,896	392,596	6,024,702	77,796,887
2032	2,848,046	203,580	0	9,270,786	58,416,281	640,896	392,596	6,024,702	77,796,887
2033	2,848,046	203,580	0	9,270,786	58,416,281	640,896	392,596	6,024,702	77,796,887
2034	2,848,046	203,580	0	9,270,786	58,416,281	640,896	392,596	6,024,702	77,796,887
2035	2,848,046	203,580	0	9,270,786	58,416,281	640,896	392,596	6,024,702	77,796,887
TOTAL	**107,039,461**	**7,009,820**	**0**	**302,315,170**	**1,984,580,933**	**18,606,698**	**13,171,501**	**214,733,194**	**2,647,456,777**

TABLE B-21 Total Delta Water Charge for Each Contractor (in dollars)

Sheet 3 of 4

Calendar Year	SOUTHERN CALIFORNIA AREA									
	AVEK	Castaic	Coachella	Crestline	Desert	Littlerock	Mojave	Palmdale	San Bernardino	San Gabriel
	[20]	[21]	[22]	[23]	[24]	[25]	[26]	[27]	[28]	[29]
1964	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0
1968	0	13,060	0	0	0	0	0	0	0	0
1969	0	17,804	0	0	0	0	0	0	0	0
1970	0	37,905	0	0	0	0	0	0	0	0
1971	0	48,508	0	0	0	0	0	0	0	0
1972	160,756	74,751	41,797	4,662	64,303	1,367	67,518	13,021	369,739	85,202
1973	222,207	107,163	51,552	7,279	79,994	2,577	95,104	26,131	54,908	14,338
1974	279,090	143,266	59,539	10,791	93,030	3,721	121,869	39,631	465,150	114,427
1975	319,822	166,307	63,964	13,250	100,515	4,752	140,722	50,989	479,733	119,705
1976	431,018	207,673	74,449	17,045	117,550	6,269	174,366	67,591	538,772	137,142
1977	469,922	226,502	79,144	19,079	122,180	6,861	189,848	77,255	540,410	139,097
1978	600,180	274,819	97,313	24,428	147,413	9,687	236,913	98,345	631,768	165,313
1979	720,173	320,077	115,033	29,836	171,470	11,889	284,640	117,285	714,457	189,760
1980	857,818	376,845	134,920	35,949	210,736	14,256	337,177	138,590	811,952	215,694
1981	1,355,100	592,631	218,713	57,637	343,292	22,946	534,813	211,396	1,237,658	330,644
1982	1,551,434	664,082	254,298	66,408	400,739	26,335	313,057	235,100	1,341,923	364,482
1983	1,110,994	472,521	184,283	47,759	291,367	19,002	434,517	163,925	943,775	252,096
1984	450,405	509,602	202,914	52,247	321,718	20,719	472,282	174,500	1,003,760	266,383
1985	565,881	591,346	240,344	61,540	381,970	24,474	551,734	200,605	1,152,983	308,405
1986	635,066	659,259	275,347	70,160	438,498	27,822	625,994	223,785	1,285,253	350,799
1987	652,450	676,176	288,131	73,104	467,095	29,064	648,002	228,654	1,319,729	364,779
1988	711,641	742,582	319,496	80,756	525,996	32,024	711,641	248,146	1,438,752	402,232
1989	2,083,593	830,453	362,565	91,333	605,021	36,301	803,932	276,155	1,607,864	454,180
1990	2,207,667	869,029	386,049	96,930	636,731	38,438	848,974	289,119	1,696,277	481,308
1991	2,454,678	961,298	409,704	102,869	675,746	40,793	900,994	306,835	1,819,725	510,800
1992	2,804,695	1,098,371	468,125	117,538	772,102	46,610	1,029,469	350,587	2,079,203	583,636
1993	2,811,318	1,100,964	469,230	117,815	773,925	46,720	1,031,900	351,415	2,084,113	585,014
1994	2,694,116	1,055,065	449,668	112,905	741,661	44,772	988,880	336,766	1,997,227	560,625
1995	2,883,156	1,129,097	481,220	120,826	793,702	47,914	1,058,269	360,394	2,137,369	599,963
1996	2,834,460	1,110,027	473,093	118,785	780,296	47,104	1,040,394	354,307	2,101,269	589,830
1997	3,133,957	1,227,316	523,081	131,336	862,744	52,082	1,150,325	391,745	2,323,295	652,153
1998	3,155,093	1,235,593	526,609	132,222	868,562	52,433	1,728,006	394,387	2,338,963	656,551
1999	3,262,870	1,277,800	544,598	136,739	898,233	54,224	1,787,034	407,859	2,418,863	678,979
2000	3,314,278	2,279,763	553,178	138,893	912,384	55,078	1,815,190	510,073	2,456,972	689,676
2001	3,315,004	2,280,263	553,299	138,924	912,584	55,090	1,815,587	510,185	2,457,510	689,827
2002	3,437,351	2,314,256	561,548	140,995	926,188	55,912	1,842,654	517,791	2,494,146	700,112
2003	3,365,016	2,265,555	549,731	138,028	906,698	54,735	1,803,877	506,894	2,441,659	685,379
2004	3,686,201	2,481,798	602,201	151,202	993,241	59,960	1,976,053	555,277	2,674,711	750,797
2005	3,650,179	2,457,547	596,316	149,725	983,535	59,374	1,956,744	549,850	2,648,574	743,459
2006	3,802,076	2,559,814	3,256,234	155,955	1,344,440	61,844	2,038,171	572,732	2,758,791	774,397
2007	3,855,524	2,595,798	3,302,008	158,148	1,363,339	62,714	2,066,822	580,783	2,797,573	785,284
2008	3,943,904	2,655,301	3,377,700	161,772	1,394,591	64,151	2,114,200	594,096	2,861,701	803,284
2009	4,310,140	2,901,877	3,691,358	176,795	1,524,095	70,109	2,310,528	649,264	3,127,443	877,878
2010	5,385,764	3,626,059	5,269,593	220,916	2,123,453	87,605	3,153,757	811,293	3,907,916	1,096,959
2011	5,928,431	3,991,418	5,800,554	243,174	2,337,412	96,432	3,471,528	893,038	4,301,676	1,207,488
2012	6,189,558	4,167,227	6,056,050	253,886	2,440,367	100,679	3,624,437	932,373	4,491,150	1,260,674
2013	6,550,942	4,410,535	6,409,638	268,709	2,582,850	106,557	3,836,054	986,811	4,753,371	1,334,279
2014	6,368,143	4,185,518	6,082,630	255,000	2,451,078	101,120	3,640,346	936,466	4,510,863	1,266,208
2015	8,666,793	5,696,327	8,278,222	347,045	3,335,822	137,621	5,133,874	1,274,493	6,139,108	1,723,258
2016	10,359,280	6,808,728	9,894,827	414,817	3,987,255	164,497	6,136,437	1,523,381	7,337,978	2,059,784
2017	**9,976,357**	**6,557,049**	**9,529,073**	**399,484**	**3,839,869**	**158,416**	**5,909,610**	**1,467,071**	**7,066,735**	**1,983,645**
2018	9,976,357	6,557,049	9,529,073	399,484	3,839,869	158,416	5,909,610	1,467,071	7,066,735	1,983,645
2019	9,976,357	6,557,049	9,529,073	399,484	3,839,869	158,416	5,909,610	1,467,071	7,066,735	1,983,645
2020	9,976,357	6,557,049	9,529,073	399,484	3,839,869	158,416	6,185,116	1,467,071	7,066,735	1,983,645
2021	9,976,357	6,557,049	9,529,073	399,484	3,839,869	158,416	6,185,116	1,467,071	7,066,735	1,983,645
2022	9,976,357	6,557,049	9,529,073	399,484	3,839,869	158,416	6,185,116	1,467,071	7,066,735	1,983,645
2023	9,976,357	6,557,049	9,529,073	399,484	3,839,869	158,416	6,185,116	1,467,071	7,066,735	1,983,645
2024	9,976,357	6,557,049	9,529,073	399,484	3,839,869	158,416	6,185,116	1,467,071	7,066,735	1,983,645
2025	9,976,357	6,557,049	9,529,073	399,484	3,839,869	158,416	6,185,116	1,467,071	7,066,735	1,983,645
2026	9,976,357	6,557,049	9,529,073	399,484	3,839,869	158,416	6,185,116	1,467,071	7,066,735	1,983,645
2027	9,976,357	6,557,049	9,529,073	399,484	3,839,869	158,416	6,185,116	1,467,071	7,066,735	1,983,645
2028	9,976,357	6,557,049	9,529,073	399,484	3,839,869	158,416	6,185,116	1,467,071	7,066,735	1,983,645
2029	9,976,357	6,557,049	9,529,073	399,484	3,839,869	158,416	6,185,116	1,467,071	7,066,735	1,983,645
2030	9,976,357	6,557,049	9,529,073	399,484	3,839,869	158,416	6,185,116	1,467,071	7,066,735	1,983,645
2031	9,976,357	6,557,049	9,529,073	399,484	3,839,869	158,416	6,185,116	1,467,071	7,066,735	1,983,645
2032	9,976,357	6,557,049	9,529,073	399,484	3,839,869	158,416	6,185,116	1,467,071	7,066,735	1,983,645
2033	9,976,357	6,557,049	9,529,073	399,484	3,839,869	158,416	6,185,116	1,467,071	7,066,735	1,983,645
2034	9,976,357	6,557,049	9,529,073	399,484	3,839,869	158,416	6,185,116	1,467,071	7,066,735	1,983,645
2035	9,976,357	6,557,049	9,529,073	399,484	3,839,869	158,416	6,185,116	1,467,071	7,066,735	1,983,645
TOTAL	**317,098,927**	**201,079,607**	**253,682,653**	**13,055,408**	**116,163,432**	**5,174,538**	**183,735,319**	**46,913,667**	**233,363,997**	**65,311,535**

TABLE B-21 Total Delta Water Charge for Each Contractor (in dollars)

Sheet 4 of 4

Calendar Year	SOUTHERN CALIFORNIA AREA (continued)				FEATHER RIVER AREA				South Bay Area Future Contractor	Grand Total
	San Gorgonio	Metropolitan	Ventura	Total	Yuba City	Butte	Plumas	Total		
	[30]	[31]	[32]	[33]	[34]	[35]	[36]	[37]	[38]	[39]
1964	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	241,150
1968	0	0	0	13,060	0	1,050	875	1,925	0	583,631
1969	0	0	0	17,804	0	1,225	929	2,154	0	827,578
1970	0	0	0	37,905	0	3,848	1,995	5,843	0	2,160,886
1971	0	0	0	48,508	0	4,546	3,186	7,732	0	2,696,792
1972	0	2,043,211	0	2,926,327	0	4,929	3,778	8,707	0	7,206,052
1973	0	2,317,893	0	2,979,146	0	7,059	4,444	11,503	0	7,456,998
1974	0	4,231,933	0	5,562,447	0	8,336	4,931	13,267	0	10,683,514
1975	0	5,073,286	0	6,533,045	0	9,416	5,117	14,533	0	12,440,851
1976	0	6,422,167	0	8,194,042	0	7,004	5,780	12,784	0	15,299,760
1977	0	7,104,278	0	8,974,576	0	16,917	5,827	22,744	0	15,869,924
1978	0	9,016,389	0	11,302,568	0	12,635	6,844	19,479	0	19,425,531
1979	0	10,935,192	0	13,609,812	0	16,575	7,773	24,348	0	23,095,855
1980	84,294	13,102,796	12,396	16,333,423	0	19,834	8,801	28,635	0	27,557,096
1981	140,930	20,910,099	36,136	25,991,995	0	21,682	13,370	35,052	0	43,335,911
1982	167,929	23,998,560	57,248	29,441,595	0	16,117	14,694	30,811	0	49,027,703
1983	124,148	17,203,307	50,672	21,298,366	0	15,202	10,134	25,336	0	34,186,736
1984	138,982	18,766,458	64,344	22,444,314	20,590	15,442	10,681	46,713	0	37,051,405
1985	166,935	22,050,974	84,882	26,382,073	24,050	16,976	12,166	53,192	0	43,235,458
1986	195,056	25,089,658	120,965	29,997,662	31,753	18,145	13,457	63,355	0	49,817,447
1987	207,598	26,095,043	148,284	31,198,109	37,071	17,794	13,642	68,507	0	51,663,899
1988	233,604	28,781,238	201,116	34,429,224	46,722	18,565	14,852	80,139	0	57,062,086
1989	268,530	32,505,376	265,215	40,190,518	61,184	19,891	16,576	97,651	0	65,617,116
1990	289,119	33,616,369	334,242	41,790,252	63,506	20,055	17,381	100,942	0	68,658,631
1991	306,835	35,676,185	354,722	44,521,184	170,267	21,283	19,155	210,705	0	73,265,317
1992	350,587	40,763,329	405,303	50,869,555	194,545	24,318	22,697	241,560	0	83,873,685
1993	351,415	40,859,579	406,260	50,989,668	195,005	24,376	23,563	242,944	0	84,237,281
1994	336,766	39,156,173	389,323	48,863,947	186,875	23,360	23,360	233,595	0	80,866,329
1995	360,394	41,903,674	416,641	52,292,619	199,987	24,999	26,040	251,026	0	86,725,209
1996	0	41,195,923	409,604	51,055,092	196,610	24,576	26,624	247,810	0	83,007,946
1997	0	45,548,810	447,746	56,444,590	214,918	27,173	30,223	272,314	0	93,062,361
1998	0	45,855,992	450,529	57,394,940	107,459	27,356	31,537	166,352	0	93,159,618
1999	47,152	47,422,430	466,491	59,403,272	226,327	28,291	33,820	288,438	0	96,994,387
2000	71,841	48,169,576	478,942	61,445,844	229,892	69,207	35,708	334,807	0	98,699,723
2001	95,809	48,180,135	479,047	61,483,264	229,942	83,833	37,187	350,962	0	98,781,493
2002	97,237	48,898,394	486,188	62,472,772	233,371	85,083	39,185	357,639	0	100,275,854
2003	118,989	47,869,376	475,957	61,181,894	228,460	83,293	39,743	351,496	0	98,210,650
2004	156,416	52,438,419	521,386	67,047,662	250,266	92,048	0	342,314	0	107,579,616
2005	167,795	51,925,988	516,291	66,405,377	247,820	717,290	0	965,110	0	107,188,794
2006	188,222	51,397,939	537,776	69,448,391	258,133	32,606	8,699	299,438	0	110,967,023
2007	204,501	52,120,469	545,336	70,438,299	268,738	33,950	19,600	322,288	0	112,569,420
2008	482,528	53,315,217	557,837	72,326,282	274,736	794,785	56,138	1,125,659	0	116,229,451
2009	527,337	58,266,144	609,638	79,042,606	292,626	844,842	63,417	1,200,885	0	127,004,742
2010	658,937	72,806,845	761,778	99,910,875	365,653	1,054,033	81,825	1,501,511	0	158,911,895
2011	725,331	80,142,822	838,533	109,977,837	414,001	1,185,940	92,561	1,692,502	0	174,964,623
2012	757,280	83,672,846	875,468	114,821,995	424,826	1,216,951	100,037	1,741,814	0	182,648,119
2013	801,494	88,558,170	926,583	121,525,993	444,760	1,274,052	109,975	1,828,787	0	193,299,795
2014	760,603	84,040,101	879,310	115,477,386	431,273	1,235,416	108,033	1,774,722	0	183,479,164
2015	1,035,151	114,375,290	1,196,707	157,339,711	574,420	1,645,472	153,363	2,373,255	0	249,669,412
2016	1,237,301	136,710,965	1,430,405	188,065,655	686,595	1,966,807	190,584	2,843,986	0	298,433,393
2017	**1,191,565**	**131,657,554**	**1,377,531**	**181,113,959**	**703,970**	**2,016,581**	**183,222**	**2,903,773**	**0**	**287,566,604**
2018	1,191,565	131,657,554	1,377,531	181,113,959	703,970	2,016,581	183,222	2,903,773	0	287,566,604
2019	1,191,565	131,657,554	1,377,531	181,113,959	703,970	2,016,581	183,222	2,903,773	0	287,566,604
2020	1,191,565	131,657,554	1,377,531	181,389,465	703,970	2,016,581	183,222	2,903,773	0	287,566,603
2021	1,191,565	131,657,554	1,377,531	181,389,465	703,970	2,016,581	183,222	2,903,773	0	287,566,603
2022	1,191,565	131,657,554	1,377,531	181,389,465	703,970	2,016,581	183,222	2,903,773	0	287,566,603
2023	1,191,565	131,657,554	1,377,531	181,389,465	703,970	2,016,581	183,222	2,903,773	0	287,566,603
2024	1,191,565	131,657,554	1,377,531	181,389,465	703,970	2,016,581	183,222	2,903,773	0	287,566,603
2025	1,191,565	131,657,554	1,377,531	181,389,465	703,970	2,016,581	183,222	2,903,773	0	287,566,603
2026	1,191,565	131,657,554	1,377,531	181,389,465	703,970	2,016,581	183,222	2,903,773	0	287,566,603
2027	1,191,565	131,657,554	1,377,531	181,389,465	703,970	2,016,581	183,222	2,903,773	0	287,566,603
2028	1,191,565	131,657,554	1,377,531	181,389,465	703,970	2,016,581	183,222	2,903,773	0	287,566,603
2029	1,191,565	131,657,554	1,377,531	181,389,465	703,970	2,016,581	183,222	2,903,773	0	287,566,603
2030	1,191,565	131,657,554	1,377,531	181,389,465	703,970	2,016,581	183,222	2,903,773	0	287,566,603
2031	1,191,565	131,657,554	1,377,531	181,389,465	703,970	2,016,581	183,222	2,903,773	0	287,566,603
2032	1,191,565	131,657,554	1,377,531	181,389,465	703,970	2,016,581	183,222	2,903,773	0	287,566,603
2033	1,191,565	131,657,554	1,377,531	181,389,465	703,970	2,016,581	183,222	2,903,773	0	287,566,603
2034	1,191,565	131,657,554	1,377,531	181,389,465	703,970	2,016,581	183,222	2,903,773	0	287,566,603
2035	1,191,565	131,657,554	1,377,531	181,389,465	703,970	2,016,581	183,222	2,903,773	0	287,566,603
TOTAL	**34,496,781**	**4,362,028,544**	**43,412,390**	**5,875,516,798**	**21,207,811**	**51,249,622**	**5,051,525**	**77,508,958**	**0**	**9,403,072,770**

TABLE B-22 Water System Revenue Bond Surcharge for Each Contractor[a] (in dollars)

Sheet 1 of 4

	NORTH BAY AREA			SOUTH BAY AREA				CENTRAL COASTAL AREA		
Calendar Year	Napa	Solano	Total	Alameda-Zone 7	Alameda County	Santa Clara	Total	San Luis Obispo	Santa Barbara	Total
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]
1971	0	0	0	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0	0	0	0
1988	29,131	40,505	69,636	25,436	30,176	100,035	155,647	13,126	24,392	37,518
1989	48,804	69,621	118,425	43,343	51,681	170,303	265,327	26,828	49,634	76,462
1990	41,166	60,482	101,648	38,407	51,185	149,440	239,032	27,956	51,795	79,751
1991	63,389	92,401	155,790	62,470	81,991	235,712	380,173	44,887	83,709	128,596
1992	84,320	126,227	210,547	89,247	115,208	325,629	530,084	61,137	113,925	175,062
1993	90,152	137,473	227,625	98,432	125,174	347,457	571,063	67,725	126,662	194,387
1994	91,785	141,222	233,007	102,021	126,216	352,415	580,652	81,420	159,156	240,576
1995	108,311	181,787	290,098	126,001	149,377	416,956	692,334	131,675	270,726	402,401
1996	132,305	232,343	364,648	158,514	180,787	505,042	844,343	242,654	534,449	777,103
1997	135,556	237,492	373,048	171,263	187,162	522,127	880,552	141,810	846,617	988,427
1998	130,346	228,366	358,712	164,682	179,971	502,065	846,718	136,361	814,087	950,448
1999	182,507	316,416	498,923	227,072	248,031	691,830	1,166,933	188,835	1,124,110	1,312,945
2000	238,571	364,418	602,989	260,766	284,875	794,730	1,340,371	218,359	1,364,019	1,582,378
2001	234,773	358,616	593,389	561,965	280,341	782,078	1,624,384	214,883	1,342,304	1,557,187
2002	257,520	391,851	649,371	610,230	288,977	806,174	1,705,381	221,503	1,383,661	1,605,164
2003	268,151	408,027	676,178	635,422	300,907	839,455	1,775,784	230,647	1,440,782	1,671,429
2004	268,425	408,444	676,869	636,070	301,214	840,312	1,777,596	230,883	1,442,252	1,673,135
2005	253,413	385,602	639,015	610,756	284,369	793,318	1,688,443	217,970	1,361,594	1,579,564
2006	274,219	417,261	691,480	660,900	307,716	858,451	1,827,067	235,866	1,473,385	1,709,251
2007	177,891	270,066	447,957	441,730	197,505	550,975	1,190,210	152,478	975,872	1,128,350
2008	254,590	386,862	641,452	773,686	288,283	803,089	1,865,058	223,659	1,369,892	1,593,551
2009	285,324	434,158	719,482	687,665	320,178	893,215	1,901,058	245,418	1,533,052	1,778,470
2010	273,015	415,428	688,443	657,998	306,365	854,681	1,819,044	234,831	1,466,914	1,701,745
2011	294,866	448,677	743,543	710,662	330,884	923,085	1,964,631	253,625	1,584,318	1,837,943
2012	383,092	455,983	839,075	753,264	330,355	933,048	2,016,667	229,311	1,456,050	1,685,361
2013	416,223	495,679	911,902	820,192	360,039	1,013,496	2,193,727	249,613	1,583,700	1,833,313
2014	454,438	541,511	995,949	894,353	392,064	1,103,675	2,390,092	271,760	1,722,805	1,994,565
2015	436,482	520,709	957,191	854,027	375,378	1,053,325	2,282,730	260,767	1,649,215	1,909,982
2016	785,679	940,036	1,725,715	1,537,135	675,549	1,890,817	4,103,501	469,895	2,967,716	3,437,611
2017	**825,082**	**988,823**	**1,813,905**	**1,735,420**	**711,139**	**1,988,098**	**4,434,657**	**494,547**	**3,122,046**	**3,616,593**
2018	838,436	1,004,827	1,843,263	1,763,508	722,649	2,020,276	4,506,433	502,551	3,172,578	3,675,129
2019	917,602	1,099,704	2,017,306	1,930,020	790,882	2,211,032	4,931,934	550,003	3,472,134	4,022,137
2020	886,730	1,062,706	1,949,436	1,865,087	764,274	2,136,644	4,766,005	531,498	3,355,318	3,886,816
2021	887,015	1,063,047	1,950,062	1,865,685	764,519	2,137,330	4,767,534	531,669	3,356,395	3,888,064
2022	857,192	1,027,305	1,884,497	1,802,957	738,814	2,065,469	4,607,240	513,793	3,243,546	3,757,339
2023	866,635	1,038,623	1,905,258	1,822,820	746,954	2,088,224	4,657,998	519,454	3,279,280	3,798,734
2024	845,721	1,013,558	1,859,279	1,778,831	728,928	2,037,829	4,545,588	506,918	3,200,143	3,707,061
2025	800,892	959,833	1,760,725	1,684,541	690,290	1,929,811	4,304,642	480,048	3,030,515	3,510,563
2026	758,624	909,176	1,667,800	1,595,637	653,859	1,827,962	4,077,458	454,713	2,870,574	3,325,287
2027	805,047	964,812	1,769,859	1,693,280	693,871	1,939,823	4,326,974	482,538	3,046,236	3,528,774
2028	683,762	819,457	1,503,219	1,438,177	589,335	1,647,576	3,675,088	409,841	2,587,301	2,997,142
2029	716,316	858,472	1,574,788	1,506,649	617,393	1,726,018	3,850,060	429,354	2,710,484	3,139,838
2030	518,342	621,209	1,139,551	1,090,244	446,759	1,248,984	2,785,987	310,690	1,961,366	2,272,056
2031	518,648	621,575	1,140,223	1,090,887	447,023	1,249,721	2,787,631	310,873	1,962,522	2,273,395
2032	518,720	621,662	1,140,382	1,091,039	447,085	1,249,895	2,788,019	310,916	1,962,796	2,273,712
2033	518,742	621,688	1,140,430	1,091,085	447,104	1,249,948	2,788,137	310,929	1,962,878	2,273,807
2034	518,710	621,650	1,140,360	1,091,019	447,077	1,249,871	2,787,967	310,910	1,962,758	2,273,668
2035	518,639	621,565	1,140,204	1,090,869	447,016	1,249,700	2,787,585	310,868	1,962,490	2,273,358
TOTAL	**20,495,299**	**26,047,355**	**46,542,654**	**42,441,464**	**19,046,929**	**53,307,146**	**114,795,539**	**13,597,995**	**82,538,153**	**96,136,148**

[a] 1988 through 2015 charges are debt service only and do not include bond cover; 2016 charges and after include bond cover.

TABLE B-22 Water System Revenue Bond Surcharge for Each Contractor[a] (in dollars)

	SAN JOAQUIN VALLEY AREA								
				Kern					
Calendar Year	Dudley Ridge	Empire	Future Contractor San Joaquin Valley	Municipal and Industrial	Agricultural	Kings	Oak Flat	Tulare	Total
	[11]	[12]	[13]	[14]	[15]	[16]	[17]	[18]	[19]
1971	0	0	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0	0	0
1988	33,986	1,657	0	67,288	726,501	2,228	2,851	66,748	901,259
1989	59,273	2,785	0	116,689	1,251,452	3,733	4,927	116,736	1,555,595
1990	53,349	2,419	0	287,811	947,351	3,248	4,367	109,118	1,407,663
1991	82,252	3,731	0	359,380	1,564,983	5,035	6,771	168,217	2,190,369
1992	112,566	5,127	0	452,691	2,153,423	6,927	9,285	230,217	2,970,236
1993	119,670	5,459	0	272,449	2,491,672	7,381	9,894	244,813	3,151,338
1994	118,265	5,379	0	244,671	2,485,820	7,300	9,766	241,933	3,113,134
1995	139,226	6,340	0	317,885	2,894,181	8,599	11,490	284,798	3,662,519
1996	169,333	7,703	0	354,341	2,722,240	10,461	13,978	346,367	3,624,423
1997	165,364	7,980	0	366,285	2,673,847	10,826	14,465	357,986	3,596,753
1998	159,011	7,672	0	352,211	2,571,110	10,410	13,909	344,232	3,458,555
1999	218,784	10,373	0	485,897	3,371,115	14,376	19,166	476,017	4,595,728
2000	251,339	11,735	0	557,296	3,620,348	16,500	21,990	546,406	5,025,614
2001	247,338	11,547	0	548,424	3,461,158	16,238	21,640	537,707	4,844,052
2002	273,542	11,904	0	565,321	3,496,023	16,737	22,306	521,659	4,907,492
2003	284,834	12,395	0	588,659	3,640,346	17,428	23,227	543,193	5,110,082
2004	285,125	12,408	0	589,259	3,644,059	17,446	23,251	543,748	5,115,296
2005	269,179	11,714	0	556,305	3,431,851	39,485	21,951	488,483	4,818,968
2006	291,279	12,676	0	601,979	3,713,614	42,726	23,753	528,589	5,214,616
2007	187,144	8,113	0	383,463	2,314,841	34,088	15,230	285,915	3,228,794
2008	271,383	11,832	0	563,171	3,478,837	41,080	22,094	445,805	4,834,202
2009	303,076	13,189	0	626,357	3,864,004	46,037	24,715	497,108	5,374,486
2010	257,209	12,620	0	599,335	3,631,924	44,051	23,648	440,950	5,009,737
2011	277,794	13,630	0	647,304	3,922,606	47,577	25,542	476,242	5,410,695
2012	271,192	12,709	0	666,489	5,450,478	40,125	23,964	510,822	6,975,779
2013	286,050	13,814	0	724,170	5,680,875	43,592	26,041	521,112	7,295,654
2014	302,692	15,056	0	790,204	6,189,586	47,573	28,404	561,312	7,934,827
2015	278,438	14,506	0	758,484	5,949,402	45,814	27,366	540,099	7,614,109
2016	503,415	26,336	0	1,371,356	10,760,127	83,031	49,670	977,911	13,771,846
2017	**531,373**	**27,824**	**0**	**1,443,220**	**11,382,800**	**88,473**	**52,401**	**1,042,586**	**14,568,677**
2018	539,973	28,274	0	1,466,579	11,567,035	89,905	53,249	1,059,461	14,804,476
2019	590,958	30,944	0	1,605,054	12,659,202	98,394	58,277	1,159,496	16,202,325
2020	571,076	29,903	0	1,551,054	12,233,297	95,084	56,316	1,120,486	15,657,216
2021	571,259	29,913	0	1,551,552	12,237,224	95,114	56,334	1,120,845	15,662,241
2022	552,052	28,907	0	1,499,386	11,825,784	91,916	54,440	1,083,160	15,135,645
2023	558,134	29,225	0	1,515,904	11,956,067	92,929	55,040	1,095,093	15,302,392
2024	544,665	28,520	0	1,479,321	11,667,535	90,686	53,712	1,068,666	14,933,105
2025	515,794	27,008	0	1,400,908	11,049,082	85,879	50,865	1,012,020	14,141,556
2026	488,572	25,583	0	1,326,973	10,465,948	81,347	48,180	958,609	13,395,212
2027	518,470	27,148	0	1,408,175	11,106,401	86,325	51,129	1,017,270	14,214,918
2028	440,359	23,058	0	1,196,025	9,433,152	73,319	43,426	864,012	12,073,351
2029	461,325	24,156	0	1,252,968	9,882,268	76,810	45,493	905,148	12,648,168
2030	333,825	17,480	0	906,675	7,151,026	55,581	32,920	654,985	9,152,492
2031	334,022	17,490	0	907,210	7,155,243	55,614	32,939	655,371	9,157,889
2032	334,068	17,493	0	907,337	7,156,241	55,622	32,944	655,462	9,159,167
2033	334,082	17,493	0	907,375	7,156,541	55,624	32,945	655,490	9,159,550
2034	334,062	17,492	0	907,319	7,156,104	55,621	32,943	655,450	9,158,991
2035	334,016	17,490	0	907,195	7,155,125	55,613	32,939	655,360	9,157,738
TOTAL	**15,160,193**	**758,210**	**0**	**38,955,404**	**292,499,849**	**2,209,908**	**1,422,153**	**29,393,213**	**380,398,930**

[a] 1988 through 2015 charges are debt service only and do not include bond cover; 2016 charges and after include bond cover.

TABLE B-22 Water System Revenue Bond Surcharge for Each Contractor[a] (in dollars)

Sheet 3 of 4

Calendar Year	SOUTHERN CALIFORNIA AREA									
	AVEK	Castaic Lake	Coachella	Crestline	Desert	Littlerock	Mojave	Palmdale	San Bernardino	San Gabriel
	[20]	[21]	[22]	[23]	[24]	[25]	[26]	[27]	[28]	[29]
1971	0	0	0	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0	0	0	0
1988	64,266	57,111	27,032	7,656	44,492	2,154	55,996	16,240	151,182	39,907
1989	205,668	98,720	46,993	13,263	78,104	3,763	97,138	27,981	259,860	69,104
1990	185,010	87,808	42,449	11,905	69,970	3,385	87,327	24,956	231,650	61,851
1991	296,854	140,371	65,947	18,548	108,704	5,236	135,623	38,641	363,310	96,172
1992	402,015	234,421	89,358	25,192	147,297	7,053	183,813	52,160	491,537	130,372
1993	424,871	247,076	93,981	26,566	154,919	7,437	193,361	55,045	517,379	137,298
1994	424,023	247,222	94,502	26,865	155,776	7,431	194,191	54,968	525,394	139,422
1995	500,084	290,998	111,730	31,822	184,170	8,769	229,530	64,852	623,848	165,593
1996	606,388	353,132	135,428	38,634	223,237	10,640	278,178	78,696	760,333	201,821
1997	626,151	362,776	139,565	39,802	230,058	10,972	286,779	81,146	808,482	207,472
1998	602,091	348,838	134,202	38,273	221,218	10,550	275,761	78,028	777,418	199,501
1999	826,108	479,470	184,524	52,650	304,166	14,475	642,815	107,060	1,041,566	277,200
2000	940,325	1,150,965	210,453	60,212	346,906	16,486	736,157	121,898	1,191,538	316,860
2001	925,355	1,132,642	207,102	59,254	341,384	16,224	724,438	135,581	1,172,568	311,816
2002	974,814	1,167,539	213,483	61,079	351,902	16,724	746,758	139,071	1,208,696	321,423
2003	1,015,056	1,215,738	222,296	63,601	366,429	17,415	777,586	144,812	1,258,593	334,692
2004	1,016,092	1,216,978	222,523	63,666	366,803	17,432	778,379	144,960	1,259,877	335,033
2005	959,268	1,148,920	210,078	60,105	346,290	16,457	734,849	136,853	1,189,420	316,297
2006	1,038,026	1,243,248	1,213,645	65,040	501,286	17,809	795,182	148,089	1,287,074	342,266
2007	666,215	820,799	1,036,396	41,723	354,543	11,413	520,847	95,550	825,932	219,727
2008	999,433	1,167,531	1,157,440	61,924	478,719	17,175	757,686	144,009	1,367,672	325,069
2009	1,080,062	1,293,596	1,262,793	67,674	521,586	18,529	827,383	154,087	1,339,196	356,126
2010	1,033,467	1,237,788	1,283,384	64,754	524,108	17,731	824,481	147,438	1,281,421	340,762
2011	1,116,181	1,336,855	1,386,101	69,937	566,054	19,149	890,469	159,239	1,383,979	368,035
2012	1,090,934	915,850	1,073,158	67,263	523,945	18,453	731,452	154,732	1,323,822	351,925
2013	1,186,869	996,745	1,172,413	73,154	570,092	20,052	795,549	168,130	1,438,513	382,372
2014	1,345,233	1,085,473	1,276,763	79,660	621,395	21,838	866,523	183,142	1,568,301	416,868
2015	1,288,246	1,039,717	1,228,651	76,255	595,985	20,924	868,542	175,577	1,500,551	398,955
2016	2,323,705	1,873,178	2,223,587	137,172	1,074,426	37,709	1,565,138	316,644	2,698,764	717,704
2017	**2,441,561**	**1,968,931**	**2,487,883**	**144,061**	**1,130,096**	**39,617**	**1,645,505**	**332,754**	**2,834,899**	**753,972**
2018	2,481,079	2,000,799	2,528,150	146,393	1,148,387	40,258	1,672,138	338,140	2,880,783	766,175
2019	2,715,344	2,189,716	2,766,860	160,215	1,256,818	44,059	1,830,022	370,067	3,152,788	838,518
2020	2,623,989	2,116,045	2,673,772	154,825	1,214,534	42,577	1,768,453	357,617	3,046,716	810,307
2021	2,624,831	2,116,724	2,674,630	154,875	1,214,924	42,591	1,769,021	357,731	3,047,694	810,567
2022	2,536,579	2,045,556	2,584,704	149,667	1,174,076	41,159	1,709,543	345,704	2,945,225	783,314
2023	2,564,524	2,068,091	2,613,179	151,316	1,187,011	41,612	1,728,377	349,512	2,977,672	791,944
2024	2,502,635	2,018,183	2,550,116	147,665	1,158,365	40,608	1,686,667	341,078	2,905,813	772,832
2025	2,369,980	1,911,206	2,414,944	139,837	1,096,964	38,456	1,597,262	322,998	2,751,786	731,867
2026	2,244,900	1,810,339	2,287,491	132,457	1,039,070	36,426	1,512,964	305,952	2,606,556	693,242
2027	2,382,275	1,921,121	2,427,472	140,563	1,102,655	38,655	1,605,549	324,674	2,766,061	735,664
2028	2,023,370	1,631,692	2,061,758	119,386	936,533	32,831	1,363,663	275,760	2,349,337	624,832
2029	2,119,703	1,709,378	2,159,919	125,070	981,122	34,395	1,428,587	288,889	2,461,190	654,580
2030	1,533,864	1,236,943	1,562,965	90,504	709,961	24,889	1,033,757	209,046	1,780,971	473,668
2031	1,534,768	1,237,673	1,563,886	90,557	710,380	24,903	1,034,367	209,170	1,782,021	473,948
2032	1,534,982	1,237,845	1,564,105	90,570	710,479	24,907	1,034,511	209,199	1,782,270	474,014
2033	1,535,047	1,237,897	1,564,170	90,573	710,509	24,908	1,034,554	209,208	1,782,345	474,034
2034	1,534,953	1,237,821	1,564,075	90,568	710,465	24,906	1,034,491	209,195	1,782,236	474,005
2035	1,534,743	1,237,652	1,563,861	90,555	710,368	24,903	1,034,350	209,166	1,781,992	473,940
TOTAL	**65,001,937**	**55,925,117**	**58,379,917**	**3,913,306**	**29,276,681**	**1,076,045**	**44,125,712**	**8,915,445**	**77,266,231**	**20,493,066**

[a] 1988 through 2015 charges are debt service only and do not include bond cover; 2016 charges and after include bond cover.

TABLE B-22 Water System Revenue Bond Surcharge for Each Contractor[a] (in dollars)

Calendar Year	SOUTHERN CALIFORNIA AREA (continued)				FEATHER RIVER AREA				South Bay Area Future Contractor	Grand Total
	San Gorgonio	Metropolitan	Ventura	Total	Yuba City	Butte	Plumas	Total		
	[30]	[31]	[32]	[33]	[34]	[35]	[36]	[37]	[38]	[39]
1971	0	0	0	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0	0	0	0
1988	24,019	2,642,354	18,118	3,150,527	1,336	552	853	2,741	0	4,317,328
1989	42,040	4,587,641	34,565	5,564,840	0	918	1,454	2,372	0	7,583,021
1990	38,023	4,037,980	34,994	4,917,308	2,535	800	1,283	4,618	0	6,750,020
1991	59,122	6,259,893	54,115	7,642,536	9,945	1,243	2,027	13,215	0	10,510,679
1992	80,131	8,435,312	72,892	10,351,553	13,671	1,710	2,806	18,187	0	14,255,669
1993	84,371	8,885,273	76,858	10,904,435	14,608	1,827	3,026	19,461	0	15,068,309
1994	85,698	8,926,755	76,794	10,959,041	14,409	1,801	3,070	19,280	0	15,145,690
1995	101,792	10,539,430	90,436	12,943,054	16,958	2,119	3,705	22,782	0	18,013,188
1996	124,074	12,810,359	109,783	15,730,703	20,640	2,579	4,620	27,839	0	21,369,059
1997	28,259	13,168,230	112,960	16,102,652	21,382	2,674	4,872	28,928	0	21,970,360
1998	27,174	12,662,268	108,619	15,483,941	20,562	2,571	4,685	27,818	0	21,126,192
1999	53,545	17,454,651	149,123	21,587,353	28,348	3,543	6,765	38,656	0	29,200,538
2000	70,117	19,805,800	168,259	25,135,976	32,271	9,794	7,996	50,061	0	33,737,389
2001	69,001	19,490,499	165,580	24,751,444	31,757	9,638	7,869	49,264	0	33,419,720
2002	71,126	20,091,004	170,682	25,534,301	32,736	9,935	8,112	50,783	0	34,452,492
2003	74,063	20,920,403	177,728	26,588,412	34,087	10,345	8,446	52,878	0	35,874,763
2004	74,138	20,941,743	177,910	26,615,534	34,121	10,356	8,456	52,933	0	35,911,363
2005	69,992	19,770,593	167,960	25,127,082	32,213	9,776	7,983	49,972	0	33,903,044
2006	75,738	20,330,228	181,750	27,239,381	34,858	10,579	8,638	54,075	0	36,735,870
2007	45,192	12,752,863	116,415	17,507,615	22,362	7,007	5,579	34,948	0	23,537,874
2008	250,631	19,303,204	173,561	26,204,054	32,180	9,751	7,973	49,904	0	35,188,221
2009	78,805	21,153,536	189,110	28,342,483	36,270	11,008	8,988	56,266	0	38,172,245
2010	75,405	20,240,944	180,952	27,252,635	34,705	10,532	8,600	53,837	0	36,525,441
2011	81,440	21,860,932	195,434	29,433,805	37,482	11,375	9,289	58,146	0	39,448,763
2012	215,055	22,686,017	191,051	29,343,657	35,313	101,156	12,344	148,813	0	41,009,352
2013	233,662	23,602,562	207,636	30,847,749	38,359	109,882	13,628	161,869	0	43,244,214
2014	254,740	25,718,327	226,122	33,664,385	41,861	119,916	15,370	177,147	0	47,156,965
2015	243,775	24,614,514	216,476	32,268,168	40,374	115,656	15,317	171,347	0	45,203,527
2016	438,500	44,298,522	389,777	58,094,826	73,332	210,067	28,720	312,119	0	81,445,618
2017	**460,639**	**46,536,525**	**409,305**	**61,185,748**	**77,392**	**221,697**	**30,266**	**329,355**	**0**	**85,948,935**
2018	468,095	47,289,738	415,930	62,176,065	78,645	225,285	30,756	334,686	0	87,340,052
2019	512,292	51,754,865	455,202	68,046,766	86,070	246,557	33,660	366,287	0	95,586,755
2020	495,057	50,013,628	439,887	65,757,407	83,175	238,262	32,527	353,964	0	92,370,844
2021	495,216	50,029,689	440,029	65,778,522	83,201	238,338	32,538	354,077	0	92,400,500
2022	478,566	48,347,582	425,234	63,566,909	80,404	230,325	31,444	342,173	0	89,293,803
2023	483,838	48,880,225	429,919	64,267,220	81,290	232,862	31,790	345,942	0	90,277,544
2024	472,162	47,700,612	419,544	62,716,280	79,328	227,243	31,023	337,594	0	88,098,907
2025	447,134	45,172,179	397,305	59,391,918	75,123	215,197	29,379	319,699	0	83,429,103
2026	423,536	42,788,138	376,337	56,257,408	71,158	203,840	27,828	302,826	0	79,025,991
2027	449,454	45,406,514	399,366	59,700,023	75,513	216,314	29,531	321,358	0	83,861,906
2028	381,741	38,565,743	339,199	50,705,845	64,136	183,725	25,082	272,943	0	71,227,588
2029	399,915	40,401,867	355,349	53,119,964	67,190	192,472	26,276	285,938	0	74,618,756
2030	289,388	29,235,680	257,138	38,438,774	48,620	139,277	19,014	206,911	0	53,995,771
2031	289,558	29,252,920	257,290	38,461,441	48,649	139,359	19,025	207,033	0	54,027,612
2032	289,599	29,257,000	257,326	38,466,807	48,655	139,378	19,028	207,061	0	54,035,148
2033	289,611	29,258,229	257,336	38,468,421	48,658	139,384	19,029	207,071	0	54,037,416
2034	289,593	29,256,438	257,321	38,466,067	48,655	139,376	19,028	207,059	0	54,034,112
2035	289,554	29,252,441	257,285	38,460,810	48,648	139,357	19,025	207,030	0	54,026,725
TOTAL	**10,874,576**	**1,266,391,850**	**11,081,962**	**1,652,721,845**	**2,083,185**	**4,507,358**	**728,723**	**7,319,266**	**0**	**2,297,914,382**

[a] 1988 through 2015 charges are debt service only and do not include bond cover; 2016 charges and after include bond cover.

TABLE B-23 Total Transportation and Delta Water Charge for Each Contractor[a] (in dollars)

Sheet 1 of 4

Calendar Year	NORTH BAY AREA			SOUTH BAY AREA				CENTRAL COASTAL AREA		
	Napa	Solano	Total	Alameda-Zone 7	Alameda County	Santa Clara	Total	San Luis	Santa Barbara	Total
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]
1961	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	11,750	43,787	21,132	76,669	0	0	0
1963	0	0	0	199,726	190,272	447,723	837,721	0	0	0
1964	0	0	0	263,282	277,455	621,356	1,162,093	6,696	21,667	28,363
1965	0	0	0	373,816	404,324	1,158,090	1,936,230	13,756	36,029	49,785
1966	18,063	0	18,063	419,468	421,723	1,412,954	2,254,144	26,524	61,349	87,873
1967	41,574	0	41,574	553,115	548,491	1,863,198	2,964,805	56,469	118,263	174,731
1968	128,628	0	128,628	683,100	633,184	2,178,465	3,494,749	115,961	229,807	345,768
1969	254,715	0	254,715	817,914	583,436	2,298,736	3,700,087	185,156	358,861	544,017
1970	277,547	0	277,547	904,314	640,297	2,787,967	4,332,578	200,150	387,675	587,825
1971	227,474	0	227,474	845,923	675,193	2,807,017	4,328,133	202,413	392,912	595,325
1972	224,978	0	224,978	930,204	822,397	3,027,749	4,780,350	209,057	406,589	615,646
1973	221,091	31,366	252,457	916,776	716,492	3,120,787	4,754,054	206,557	402,724	609,281
1974	240,498	32,938	273,437	957,482	746,932	3,325,022	5,029,436	208,545	407,090	615,635
1975	237,459	36,291	273,750	1,016,081	793,055	3,214,046	5,023,182	225,895	439,873	665,768
1976	271,292	40,836	312,127	1,129,238	943,464	3,362,542	5,435,243	228,976	447,299	676,275
1977	293,627	45,096	338,723	1,097,991	922,203	3,303,461	5,323,655	238,699	468,721	707,420
1978	273,870	49,178	323,048	1,186,955	935,818	3,712,581	5,835,354	245,331	484,259	729,590
1979	289,479	53,340	342,819	1,283,690	1,009,566	3,819,533	6,112,790	243,110	483,437	726,547
1980	310,846	86,073	396,919	1,436,829	1,173,798	4,119,071	6,729,698	282,254	540,553	822,807
1981	347,781	112,848	460,629	1,545,547	1,349,125	4,507,566	7,402,238	307,065	596,671	903,736
1982	438,335	141,835	580,171	1,626,046	1,369,536	4,941,393	7,936,975	328,215	682,545	1,010,760
1983	354,787	163,294	518,081	1,496,527	1,260,138	4,910,241	7,666,906	357,218	702,083	1,059,301
1984	467,336	246,698	714,034	1,806,684	1,478,394	6,870,249	10,155,328	409,529	801,057	1,210,586
1985	736,074	386,306	1,122,380	2,304,697	2,225,097	7,796,485	12,326,279	500,696	969,931	1,470,626
1986	1,120,086	714,246	1,834,332	2,173,492	2,014,104	8,193,845	12,381,441	536,751	1,038,031	1,574,782
1987	1,773,801	1,582,227	3,356,028	2,670,186	2,505,662	7,980,255	13,156,103	570,644	1,148,974	1,719,618
1988	2,349,572	2,524,763	4,874,335	2,731,520	2,774,430	7,830,285	13,336,235	673,071	1,439,620	2,112,691
1989	2,548,764	3,701,385	6,250,149	2,715,601	2,515,471	7,578,850	12,809,922	772,570	1,814,759	2,587,329
1990	2,900,024	3,848,934	6,748,958	3,151,030	2,929,775	8,355,392	14,436,197	933,367	2,046,370	2,979,737
1991	2,941,321	4,170,227	7,111,548	2,422,962	2,384,246	6,430,834	11,238,042	979,709	2,366,841	3,346,550
1992	2,797,727	4,144,993	6,942,720	2,897,437	2,927,115	7,656,940	13,481,492	1,118,807	2,526,861	3,645,668
1993	2,855,497	4,172,491	7,027,988	3,754,213	2,977,354	8,849,995	15,581,562	1,185,665	2,726,057	3,911,722
1994	2,987,938	4,225,291	7,213,229	3,791,306	3,586,255	9,613,545	16,991,105	1,335,974	3,518,042	4,854,015
1995	2,961,322	4,405,219	7,366,541	4,039,946	3,313,350	8,393,828	15,747,124	1,647,817	6,195,415	7,843,231
1996	3,045,021	4,898,210	7,943,232	3,647,784	3,178,398	9,228,554	16,054,735	2,592,043	15,232,542	17,824,585
1997	3,028,005	4,734,808	7,762,813	3,874,294	3,145,550	9,338,016	16,357,860	3,002,832	23,737,164	26,739,996
1998	2,936,062	4,588,897	7,524,960	3,481,134	3,201,607	9,077,806	15,760,547	3,254,940	28,393,640	31,648,580
1999	3,162,567	5,081,250	8,243,818	4,200,667	3,688,287	11,423,226	19,312,181	3,809,439	29,668,071	33,477,511
2000	3,462,393	5,621,720	9,084,113	5,810,679	3,595,423	10,222,502	19,628,603	3,764,366	30,292,112	34,056,478
2001	4,083,124	6,375,658	10,458,782	9,849,531	4,095,655	11,662,554	25,607,740	4,322,431	32,454,418	36,776,849
2002	4,325,341	6,566,555	10,891,897	13,357,803	4,087,080	13,155,985	30,600,867	4,041,706	32,104,597	36,146,304
2003	4,445,478	6,913,490	11,358,968	10,001,233	3,807,433	11,948,771	25,757,437	4,120,206	32,395,480	36,515,686
2004	4,981,002	7,257,067	12,238,069	8,380,594	4,208,246	11,648,208	24,237,049	4,189,901	32,929,043	37,118,944
2005	4,329,397	6,733,881	11,063,278	8,420,088	4,334,313	12,350,092	25,104,492	4,295,058	32,946,124	37,241,183
2006	4,281,184	6,307,927	10,589,111	8,515,730	4,394,444	12,636,353	25,546,527	4,180,684	32,742,753	36,923,437
2007	4,402,583	6,659,496	11,062,079	9,388,344	4,819,443	13,630,624	27,838,410	4,257,986	33,472,140	37,730,126
2008	5,190,982	6,761,133	11,952,115	10,613,145	5,224,133	14,089,821	29,927,099	4,841,731	35,139,790	39,981,520
2009	5,724,028	6,980,689	12,704,717	9,651,817	4,890,567	14,172,542	28,714,926	4,730,738	33,739,067	38,469,805
2010	6,357,716	8,753,208	15,110,924	11,172,886	5,590,150	15,864,894	32,627,930	5,277,587	36,275,602	41,553,189
2011	6,856,426	9,358,703	16,215,129	12,759,138	6,415,986	18,015,763	37,190,887	5,457,499	37,490,985	42,948,485
2012	7,465,088	9,411,899	16,876,987	13,845,929	6,509,531	20,489,762	40,845,222	5,531,243	38,027,281	43,558,524
2013	7,213,262	9,303,785	16,517,046	14,889,377	7,362,147	20,724,521	42,976,044	5,833,515	39,650,975	45,484,490
2014	7,835,807	9,842,289	17,678,096	14,561,176	7,578,591	20,711,398	42,851,165	5,637,980	36,843,014	42,480,995
2015	8,377,393	10,513,858	18,891,252	15,643,663	7,911,743	24,127,116	47,682,521	6,603,685	39,570,591	46,174,276
2016	9,289,340	12,071,664	21,361,004	19,411,391	8,824,264	33,933,845	62,169,500	6,812,617	41,719,129	48,531,746
2017	**9,989,021**	**12,564,343**	**22,553,364**	**19,581,950**	**9,159,774**	**30,183,991**	**58,925,716**	**7,884,472**	**42,164,631**	**50,049,103**
2018	9,818,563	12,318,342	22,136,905	20,498,539	9,606,968	26,751,968	56,857,475	8,040,766	42,525,033	50,565,800
2019	9,714,466	12,395,674	22,110,140	20,160,085	9,436,431	30,293,154	59,889,670	8,553,558	43,833,242	52,386,800
2020	9,706,096	12,391,964	22,098,059	19,928,781	9,331,240	30,062,725	59,322,746	8,548,479	43,798,930	52,347,409
2021	9,718,515	12,428,040	22,146,555	20,082,742	9,416,520	30,306,017	59,805,280	8,568,241	43,880,381	52,448,622
2022	9,723,961	12,444,272	22,168,233	20,109,214	9,429,280	30,393,076	59,931,570	8,593,158	43,895,578	52,488,736
2023	9,755,590	12,464,549	22,220,139	20,093,157	9,419,409	30,421,144	59,933,710	8,582,583	43,938,632	52,521,215
2024	9,762,098	12,485,916	22,248,014	20,121,198	9,433,223	30,511,283	60,065,703	8,594,204	43,950,598	52,544,802
2025	9,740,147	12,478,230	22,218,377	20,078,036	9,416,868	30,518,250	60,013,153	8,591,106	43,871,645	52,462,751
2026	9,706,380	12,459,244	22,165,624	20,117,120	9,451,735	30,627,794	60,196,649	8,573,476	43,768,591	52,342,067
2027	9,783,435	12,561,678	22,345,114	20,257,306	9,509,488	30,843,996	60,610,790	8,624,988	44,032,988	52,657,976
2028	9,690,200	12,461,968	22,152,168	20,062,133	9,430,261	30,678,247	60,170,642	8,569,575	43,651,017	52,220,591
2029	9,750,310	12,546,645	22,296,955	20,211,072	9,496,708	30,909,553	60,617,333	8,618,265	43,875,191	52,493,456
2030	9,573,501	12,344,748	21,918,249	19,725,382	9,284,264	30,401,211	59,410,856	8,485,871	43,138,083	51,623,954
2031	9,588,265	12,373,385	21,961,650	19,990,464	9,424,224	30,784,308	60,198,996	8,563,020	43,329,947	51,892,967
2032	9,591,554	12,392,506	21,984,060	20,060,649	9,458,823	30,927,745	60,447,217	8,550,903	43,355,618	51,906,521
2033	9,606,172	12,407,084	22,013,256	19,931,009	9,386,256	30,823,828	60,141,093	8,554,516	43,412,205	51,966,720
2034	9,552,365	12,372,996	21,925,361	20,121,916	9,482,641	31,116,067	60,720,624	8,581,893	43,512,443	52,094,336
2035	9,430,409	12,274,466	21,704,875	20,735,021	9,816,010	31,933,712	62,484,743	8,758,553	43,921,304	52,679,857
TOTAL	**325,884,755**	**425,818,111**	**751,702,866**	**647,497,024**	**334,345,051**	**1,053,451,552**	**2,035,293,627**	**272,948,460**	**1,556,940,940**	**1,829,889,400**

[a] Capital charges repaid through bond debt service prior to 2015 exclude bond cover; capital charges for 2016 and after include both bond debt service and bond cover.

TABLE B-23 Total Transportation and Delta Water Charge for Each Contractor[a] (in dollars)

Calendar Year	SAN JOAQUIN VALLEY AREA								
				Kern					
	Dudley Ridge	Empire	Future Contractor San Joaquin Valley	Municipal and Industrial	Agricultural	Kings	Oak Flat	Tulare	Total
	[11]	[12]	[13]	[14]	[15]	[16]	[17]	[18]	[19]
1961	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0
1964	0	0	2,725	0	0	0	0	0	2,725
1965	0	0	6,029	73,569	0	0	0	0	79,598
1966	0	0	12,039	137,330	0	0	0	0	149,368
1967	0	0	26,257	267,611	0	0	0	0	293,869
1968	228,019	19,515	54,588	445,439	1,722,430	16,947	19,856	309,816	2,816,609
1969	244,202	11,337	87,576	525,094	2,755,507	16,825	19,608	468,258	4,128,408
1970	309,618	34,773	94,675	573,998	3,911,103	21,435	30,638	528,276	5,504,515
1971	331,507	37,501	95,695	605,889	5,242,780	27,175	34,939	719,977	7,095,462
1972	385,631	40,762	98,788	631,615	7,232,220	26,473	64,308	2,007,984	10,487,781
1973	403,387	39,384	97,550	1,025,888	7,372,185	28,816	39,552	790,800	9,797,562
1974	514,194	40,598	98,460	1,144,792	8,092,056	29,544	42,883	1,056,984	11,019,512
1975	688,206	41,047	106,703	1,197,166	9,489,829	31,240	48,509	1,572,924	13,175,623
1976	725,754	43,568	108,084	1,323,840	10,742,359	32,666	52,487	1,453,907	14,482,665
1977	585,911	39,485	112,554	1,367,404	11,067,109	34,434	54,562	1,149,321	14,410,780
1978	704,887	36,029	115,521	1,565,884	13,413,619	38,927	59,396	1,184,142	17,118,405
1979	789,446	48,321	114,253	1,668,951	15,503,209	43,065	70,997	1,739,671	19,977,912
1980	970,906	50,056	125,950	1,770,264	17,156,517	48,021	95,468	1,686,002	21,903,184
1981	1,219,845	84,422	134,169	2,430,802	22,773,878	66,495	101,037	2,297,899	29,108,548
1982	1,255,961	70,616	135,057	2,523,660	25,183,422	70,662	108,703	2,293,419	31,641,500
1983	1,190,620	52,966	149,202	2,085,047	24,845,671	75,442	87,785	508,591	28,995,325
1984	1,500,561	28,948	164,505	3,396,379	33,586,947	94,320	121,870	1,553,353	40,446,884
1985	1,776,798	130,378	184,905	3,891,204	39,570,560	117,583	139,959	2,824,676	48,636,064
1986	2,019,071	79,755	180,445	4,079,838	43,664,880	136,715	153,634	3,672,655	53,986,993
1987	1,894,709	95,673	179,872	4,570,841	42,970,822	137,332	151,883	3,766,383	53,767,515
1988	1,980,121	110,051	193,735	4,734,502	44,920,649	138,278	147,060	3,921,692	56,146,087
1989	2,135,207	102,178	187,913	4,677,357	47,121,991	137,085	166,905	4,403,936	58,932,572
1990	1,889,345	87,382	221,392	4,827,893	45,908,261	121,154	149,217	3,983,611	57,188,253
1991	1,699,637	80,671	220,282	4,535,869	37,783,916	103,909	135,227	3,524,621	48,084,132
1992	2,246,203	105,490	241,455	5,550,167	48,981,012	143,783	176,210	4,563,451	62,007,772
1993	2,468,358	120,493	264,959	5,806,060	54,882,179	161,522	195,775	5,317,305	69,216,651
1994	2,273,181	107,998	306,359	5,210,309	52,352,719	145,625	178,587	4,690,005	65,264,782
1995	2,869,641	115,916	304,297	6,621,491	60,812,874	180,802	210,920	5,548,839	76,664,781
1996	2,061,349	125,605	389,203	6,671,115	58,884,744	178,474	190,532	7,114,605	75,615,627
1997	2,772,612	101,010	276,681	6,521,956	57,661,735	138,117	212,732	4,736,735	72,421,578
1998	2,618,293	120,302	381,847	5,733,156	54,236,872	143,433	204,342	4,990,035	68,428,279
1999	2,714,013	136,615	369,935	6,368,370	57,909,174	184,155	219,334	7,458,386	75,359,982
2000	2,604,873	121,144	302,623	6,100,811	51,583,178	174,245	213,836	6,196,213	67,296,924
2001	3,288,514	146,307	328,001	5,653,261	58,947,624	192,566	260,422	6,473,532	75,290,226
2002	2,996,103	128,084	320,541	6,168,329	53,743,582	187,350	239,241	5,803,419	69,586,647
2003	3,046,434	131,903	339,961	6,533,590	56,267,423	202,323	238,474	6,086,298	72,846,406
2004	3,233,973	168,542	342,484	7,857,965	56,857,873	356,506	254,053	5,842,404	74,913,800
2005	3,792,876	177,127	355,581	7,013,406	67,435,493	690,768	250,836	6,679,574	86,395,661
2006	3,621,519	168,080	294,916	7,498,469	64,578,195	536,780	256,013	5,911,805	82,865,777
2007	3,409,608	159,361	333,662	7,117,101	61,443,118	521,878	253,145	5,854,210	79,092,082
2008	3,383,365	157,050	468,712	7,765,494	62,397,863	547,718	261,658	5,547,684	80,529,544
2009	3,259,914	153,978	435,271	6,914,076	60,675,857	521,067	260,792	5,438,283	77,659,238
2010	3,652,440	236,835	507,438	8,085,567	72,645,817	654,000	328,990	6,532,649	92,643,737
2011	4,571,980	219,574	506,763	9,735,637	90,603,209	741,101	356,955	6,934,352	113,669,570
2012	3,746,650	231,605	467,287	9,806,040	83,577,591	766,744	366,589	7,898,918	106,861,425
2013	4,237,707	233,359	519,826	10,378,240	85,957,685	755,115	382,644	7,398,257	109,862,834
2014	4,041,710	211,259	635,140	9,522,303	79,712,982	685,186	372,673	6,524,871	101,706,125
2015	4,388,967	259,178	747,667	12,010,782	94,407,378	829,744	450,030	8,069,679	121,163,424
2016	5,421,529	334,354	688,733	15,511,442	113,572,029	1,119,595	578,893	10,402,718	147,629,292
2017	**5,508,164**	**330,161**	**680,826**	**15,584,291**	**116,411,091**	**1,072,403**	**571,396**	**10,277,605**	**150,435,938**
2018	5,563,146	333,627	717,852	15,692,122	117,767,716	1,077,244	575,176	10,372,984	152,099,867
2019	5,550,379	336,979	696,540	15,883,647	118,706,820	1,088,098	582,752	10,492,770	153,337,986
2020	5,068,941	329,752	704,830	15,530,952	116,711,630	1,065,958	567,533	10,273,455	150,253,051
2021	5,146,052	334,812	709,674	15,702,732	118,198,668	1,081,471	577,284	10,421,140	152,171,834
2022	5,137,931	334,525	715,066	15,679,078	118,144,184	1,080,452	575,877	10,404,495	152,071,607
2023	5,101,894	332,062	720,709	15,581,061	117,556,942	1,072,799	570,758	10,335,424	151,271,648
2024	5,093,741	331,696	726,318	15,548,353	117,407,970	1,071,591	569,897	10,318,966	151,068,532
2025	5,061,578	329,957	731,946	15,467,860	116,869,345	1,066,058	565,794	10,255,778	150,348,315
2026	5,092,819	332,366	737,931	15,527,084	117,363,731	1,073,362	570,865	10,314,268	151,012,426
2027	5,114,685	333,392	743,603	15,598,995	118,030,967	1,076,629	571,729	10,357,291	151,827,291
2028	5,035,559	329,224	747,547	15,373,950	116,378,888	1,063,294	563,686	10,201,850	149,693,998
2029	5,073,095	331,401	753,674	15,478,949	117,279,279	1,070,082	567,057	10,274,531	150,828,067
2030	4,871,061	319,811	759,891	14,923,643	113,160,752	1,033,558	544,945	9,881,176	145,494,837
2031	5,006,292	328,693	764,875	15,301,790	116,071,510	1,060,710	560,025	10,140,309	149,234,204
2032	5,013,825	329,177	771,502	15,259,868	115,911,657	1,062,208	562,967	10,154,516	149,065,719
2033	4,903,676	321,919	777,868	15,026,051	114,283,411	1,039,611	546,202	9,943,008	146,841,745
2034	4,986,016	327,324	784,021	15,180,313	115,599,928	1,056,216	558,227	10,100,684	148,592,728
2035	5,343,211	350,809	790,130	16,223,343	123,166,523	1,128,825	598,872	10,785,515	158,387,229
TOTAL	**205,837,420**	**11,874,272**	**27,473,067**	**542,797,344**	**4,407,181,139**	**32,693,707**	**19,811,200**	**400,738,888**	**5,648,407,036**

[a] Capital charges repaid through bond debt service prior to 2015 exclude bond cover; capital charges for 2016 and after include both bond debt service and bond cover.

TABLE B-23 Total Transportation and Delta Water Charge for Each Contractor[a] (in dollars)

Sheet 3 of 4

Calendar Year	SOUTHERN CALIFORNIA AREA									
	AVEK	Castaic Lake	Coachella	Crestline	Desert	Littlerock	Mojave	Palmdale	San Bernardino	San Gabriel
	[20]	[21]	[22]	[23]	[24]	[25]	[26]	[27]	[28]	[29]
1961	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0	0
1963	34,411	0	0	0	726	0	0	0	51,729	0
1964	64,494	27,447	19,542	4,370	38,211	1,143	30,324	8,205	82,811	34,987
1965	121,484	53,007	34,348	7,194	42,701	2,082	53,730	15,222	135,069	35,344
1966	221,012	101,264	62,476	12,478	76,886	3,753	96,944	27,679	232,502	61,465
1967	427,622	210,814	121,269	23,472	148,839	7,284	188,141	54,023	433,350	115,574
1968	754,401	491,952	218,649	41,509	265,168	12,870	336,227	95,466	782,163	208,927
1969	1,090,136	743,639	334,105	61,226	394,024	18,693	500,689	138,063	1,205,834	321,755
1970	1,420,639	943,948	470,423	89,700	552,223	25,231	692,219	184,837	1,778,187	467,573
1971	1,760,670	1,138,948	627,331	128,360	754,065	31,837	931,649	231,280	2,538,219	659,414
1972	2,245,455	1,385,123	819,635	185,868	1,035,804	43,771	1,262,890	287,620	3,758,473	950,297
1973	2,399,531	1,434,072	971,770	190,992	1,264,690	46,059	1,357,182	313,446	4,026,451	961,024
1974	2,520,870	1,530,035	998,399	204,074	1,305,235	48,933	1,417,682	331,702	4,463,660	1,104,491
1975	2,739,680	1,621,892	1,047,544	219,290	1,381,319	53,242	1,506,018	355,270	4,638,827	1,208,046
1976	3,204,880	1,658,980	1,106,524	232,129	1,474,438	57,732	1,583,468	381,276	4,838,364	1,278,740
1977	3,187,208	1,747,374	1,008,676	245,111	1,317,096	54,209	1,672,005	406,620	5,094,241	1,336,313
1978	3,635,572	1,881,113	1,208,919	255,468	1,618,071	56,805	1,720,358	420,026	5,091,935	1,374,033
1979	4,309,554	1,961,577	1,295,874	267,791	1,740,645	60,285	1,896,998	449,757	5,136,839	1,342,135
1980	4,994,298	2,100,630	1,406,781	295,350	1,941,392	67,604	2,070,343	499,051	5,647,604	1,485,141
1981	5,824,304	2,570,750	1,574,217	328,818	2,194,094	100,752	2,393,948	603,265	6,461,840	1,688,324
1982	5,582,860	2,734,499	1,657,630	346,721	2,336,914	82,296	2,367,841	641,991	6,752,799	1,929,664
1983	6,335,170	2,805,893	2,181,785	380,840	3,172,326	88,383	2,565,861	658,613	6,964,704	1,808,748
1984	7,713,111	3,885,129	3,287,286	497,586	4,929,764	96,492	2,833,666	727,821	8,053,209	2,598,232
1985	9,545,818	4,351,903	4,122,840	601,928	6,265,166	103,706	3,025,099	959,657	8,893,342	2,686,799
1986	9,515,134	4,988,028	4,584,188	647,634	7,009,695	130,222	3,209,761	1,223,847	9,142,822	3,398,540
1987	9,550,203	4,846,221	4,452,838	678,086	6,885,936	240,873	3,265,334	1,255,052	10,544,337	3,398,921
1988	9,149,230	5,033,633	4,510,360	704,411	7,052,631	158,845	3,440,436	1,044,206	11,095,193	3,271,137
1989	11,039,912	5,043,439	4,218,204	691,191	6,635,387	210,634	3,521,987	1,746,763	10,811,990	3,453,679
1990	12,432,751	5,511,963	4,916,384	729,229	7,720,886	331,172	3,755,769	1,953,905	11,722,946	4,221,266
1991	9,293,533	4,625,727	3,471,782	688,867	5,335,009	221,166	4,616,027	1,640,084	11,104,874	3,642,610
1992	11,850,715	5,814,416	3,626,099	612,895	5,587,383	174,998	5,594,646	1,532,325	11,144,101	3,694,099
1993	12,264,759	5,461,079	3,830,889	617,198	5,922,476	211,904	5,486,188	1,753,971	12,107,175	4,042,324
1994	14,334,329	6,027,538	3,857,907	694,421	5,963,596	278,012	6,437,888	2,090,724	12,731,704	4,776,753
1995	14,201,115	6,403,185	4,680,553	661,811	7,318,575	212,244	5,630,843	1,952,494	12,204,445	4,480,933
1996	14,628,006	6,634,329	7,634,303	710,651	12,187,480	208,356	5,729,211	2,300,206	12,730,931	4,599,073
1997	15,198,058	6,527,983	7,251,237	750,419	8,515,792	207,887	6,151,996	2,342,198	14,400,157	4,897,487
1998	13,714,014	6,150,789	6,324,675	717,140	7,018,227	209,057	7,755,016	1,946,444	14,309,132	4,177,167
1999	15,562,020	6,747,162	5,377,230	826,782	7,205,669	215,608	8,419,304	2,368,501	15,799,362	5,133,387
2000	14,851,382	10,267,971	3,835,085	793,396	5,637,117	186,737	8,312,197	2,080,500	15,532,480	4,260,296
2001	25,006,823	15,951,080	4,887,397	998,607	7,647,319	199,239	9,011,101	4,013,167	21,550,528	4,402,497
2002	16,403,017	13,159,934	4,133,269	961,220	6,403,125	182,303	8,174,316	3,394,966	22,465,648	5,804,376
2003	17,746,331	14,213,720	4,252,453	931,243	6,597,971	187,475	9,829,394	2,928,823	20,874,523	5,970,879
2004	18,938,097	15,496,733	4,936,882	1,044,019	6,725,191	201,538	10,112,647	3,217,994	25,437,952	5,474,692
2005	19,250,261	14,450,522	18,591,872	863,710	11,611,845	190,110	9,849,919	3,253,591	23,389,329	5,711,879
2006	20,919,185	13,740,301	31,699,572	853,624	11,699,401	201,719	12,673,094	3,206,590	23,301,247	5,776,465
2007	24,151,349	16,781,958	30,452,212	1,080,603	11,082,768	200,754	16,263,828	4,706,500	29,133,197	4,836,769
2008	22,045,982	19,071,721	30,124,260	1,028,019	12,121,906	216,290	14,853,679	4,683,989	29,813,737	5,904,347
2009	20,241,012	17,185,382	28,228,472	1,025,014	10,175,093	222,121	14,798,957	4,478,302	29,931,049	6,489,253
2010	23,976,967	17,578,910	38,362,205	974,943	13,636,625	227,352	17,980,626	3,984,053	33,085,098	8,218,081
2011	30,873,276	17,668,031	40,396,406	1,058,074	14,819,468	251,814	11,929,832	4,042,900	30,695,888	9,021,853
2012	31,529,929	19,569,735	47,276,351	1,170,082	17,359,678	266,958	13,687,758	5,505,261	44,547,694	9,389,164
2013	27,099,803	22,479,971	39,513,174	1,404,135	14,007,791	292,573	13,931,842	4,635,384	35,659,778	7,641,802
2014	22,516,543	21,071,348	34,810,089	1,492,081	11,879,835	295,070	13,912,057	4,711,648	35,758,686	6,559,904
2015	22,577,842	21,703,199	39,527,499	1,542,371	13,924,196	322,295	16,744,809	4,157,256	42,315,704	7,971,419
2016	36,536,738	23,296,041	49,040,486	1,755,302	17,749,761	363,837	18,393,027	5,585,470	48,982,745	9,844,818
2017	**38,347,183**	**28,067,223**	**50,663,653**	**2,152,735**	**18,414,713**	**368,711**	**24,662,284**	**6,770,264**	**53,346,589**	**10,372,897**
2018	39,272,233	28,493,869	53,416,478	2,117,450	18,853,559	366,744	25,252,890	6,983,451	53,754,077	10,496,929
2019	39,234,538	28,619,722	53,047,444	2,128,567	18,977,053	364,658	25,791,493	7,073,311	54,896,624	10,612,397
2020	39,411,080	28,738,260	53,517,916	2,128,160	19,068,226	359,312	26,418,122	7,138,313	54,931,653	10,610,181
2021	39,048,753	28,463,763	52,866,556	2,089,967	18,814,800	355,108	26,121,948	7,067,934	54,273,745	10,438,905
2022	39,267,175	28,532,272	52,484,523	2,090,281	18,805,219	352,427	26,198,372	7,130,118	54,242,746	10,439,020
2023	39,071,735	28,569,685	51,654,057	2,083,897	18,624,290	353,130	26,142,213	7,081,138	54,052,534	10,380,178
2024	38,837,042	28,329,836	51,400,487	2,070,699	18,527,466	353,041	25,965,134	7,029,119	53,865,953	10,325,502
2025	39,034,914	28,513,591	51,672,021	2,079,634	18,630,280	351,723	26,123,914	7,081,886	54,046,711	10,371,886
2026	38,445,400	28,118,624	50,969,857	2,050,612	18,343,172	350,703	25,750,680	6,954,669	53,504,574	10,214,862
2027	39,155,759	28,590,012	51,762,328	2,085,897	18,668,995	353,989	26,195,168	7,098,207	54,186,256	10,396,367
2028	38,566,553	28,193,080	51,211,503	2,057,583	18,420,541	349,261	25,851,805	6,991,817	53,660,719	10,247,224
2029	39,038,508	28,485,149	51,802,231	2,082,003	18,655,405	351,858	26,146,118	7,085,244	54,171,282	10,380,949
2030	37,986,339	27,703,822	50,829,179	2,031,425	18,222,582	343,361	25,540,188	6,895,177	53,242,922	10,122,165
2031	39,745,983	28,655,626	52,638,668	2,107,033	18,944,356	343,049	26,508,729	7,295,794	54,615,985	10,500,281
2032	37,551,435	27,357,161	50,539,473	2,014,720	18,087,992	344,523	25,297,498	6,791,705	53,089,392	10,063,284
2033	39,467,910	28,482,517	52,504,041	2,103,160	18,866,991	344,540	26,471,695	7,227,570	54,566,975	10,469,866
2034	37,617,310	27,481,583	50,846,797	2,023,917	18,187,169	344,137	25,444,270	6,812,495	53,346,000	10,119,101
2035	42,558,605	30,163,006	55,589,281	2,230,567	20,086,247	344,124	28,065,352	7,934,133	56,879,619	11,102,645
TOTAL	**1,379,189,953**	**948,440,836**	**1,532,796,843**	**73,055,757**	**682,886,683**	**14,776,722**	**817,924,647**	**235,970,351**	**1,798,060,960**	**391,787,533**

[a] Capital charges repaid through bond debt service prior to 2015 exclude bond cover; capital charges for 2016 and after include both bond debt service and bond cover.

TABLE B-23 Total Transportation and Delta Water Charge for Each Contractor[a] (in dollars)

Calendar Year	SOUTHERN CALIFORNIA AREA (continued)				FEATHER RIVER AREA				South Bay Area Future Contractor	Grand Total
	San Gorgonio	Metropolitan	Ventura	Total	Yuba City	Butte	Plumas	Total		
	[30]	[31]	[32]	[33]	[34]	[35]	[36]	[37]	[38]	[39]
1961	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	3,219	79,888
1963	0	690,812	0	777,678	0	0	0	0	12,626	1,628,026
1964	21,735	1,260,513	9,378	1,603,161	0	0	0	0	13,938	2,810,279
1965	21,866	2,180,589	17,766	2,720,401	0	0	405	405	28,937	4,815,355
1966	37,964	3,900,172	33,426	4,868,023	0	0	565	565	31,321	7,409,358
1967	71,283	7,693,703	68,155	9,563,529	0	0	562	562	47,718	13,086,788
1968	128,915	15,317,881	142,803	18,796,932	0	1,050	1,439	2,489	46,945	25,632,120
1969	198,764	23,153,064	215,209	28,375,202	0	1,225	4,120	5,345	52,963	37,060,736
1970	289,633	30,617,164	273,605	37,805,381	0	3,848	17,116	20,964	69,744	48,598,554
1971	409,327	39,958,997	342,425	49,512,523	0	4,546	19,187	23,733	55,532	61,838,182
1972	537,186	54,991,810	422,304	67,926,236	0	4,929	21,150	26,079	80,412	84,141,482
1973	587,963	59,591,118	435,655	73,579,952	0	7,059	21,778	28,837	54,219	89,076,363
1974	611,428	66,008,399	455,565	81,000,474	0	8,336	22,408	30,744	76,783	98,046,021
1975	644,621	71,830,070	478,403	87,724,223	0	9,416	23,523	32,939	84,547	106,980,031
1976	668,315	74,907,214	475,587	91,867,647	0	7,004	23,257	30,261	106,717	112,910,936
1977	696,515	73,338,457	507,063	90,610,888	0	16,917	24,059	40,976	98,618	111,531,059
1978	709,040	81,951,168	523,177	100,445,684	0	12,635	24,225	36,860	100,786	124,589,726
1979	712,866	83,601,786	526,405	103,302,511	0	16,575	28,352	44,927	119,352	130,626,858
1980	862,275	93,029,351	583,628	114,983,450	0	19,834	26,562	46,396	178,812	145,061,266
1981	946,961	112,171,493	672,540	137,531,304	0	21,682	34,563	56,245	185,347	175,648,047
1982	1,021,329	117,143,301	727,623	143,325,467	0	16,117	43,117	59,234	173,894	184,728,000
1983	1,076,279	118,991,007	854,263	147,883,872	0	15,202	29,410	44,612	220,926	186,389,022
1984	1,211,621	156,273,535	933,311	193,040,763	20,590	15,442	31,795	67,827	225,959	245,861,382
1985	1,287,789	194,967,204	993,651	237,804,900	24,050	16,976	32,405	73,431	340,322	301,774,001
1986	1,344,770	218,331,684	1,058,276	264,584,600	31,753	18,145	33,596	83,494	279,227	334,724,869
1987	1,379,613	204,859,482	1,056,318	252,413,213	37,071	17,794	33,384	88,249	345,116	324,845,842
1988	1,465,829	221,667,115	1,124,102	269,717,128	48,058	19,117	33,605	100,780	365,207	346,652,463
1989	1,505,481	230,328,278	1,232,379	280,439,324	61,184	20,809	37,188	119,181	422,329	361,560,805
1990	1,624,763	277,194,766	1,855,991	333,971,791	66,041	20,855	36,812	123,708	474,284	415,922,928
1991	1,720,878	221,887,061	1,549,955	269,797,573	180,212	22,526	42,200	244,938	214,683	340,037,465
1992	1,779,902	245,365,618	1,503,480	298,280,678	208,216	26,028	43,517	277,761	443,676	385,079,766
1993	1,943,336	219,238,180	1,551,253	274,430,733	209,613	26,203	47,588	283,404	599,571	371,051,632
1994	1,920,217	257,365,883	1,475,069	317,954,041	201,284	25,161	46,079	272,524	609,966	413,159,663
1995	1,982,808	225,863,369	1,568,401	287,160,773	216,945	27,118	50,022	294,085	534,971	395,611,506
1996	1,651,239	235,410,311	1,622,641	306,046,738	217,250	27,155	56,622	301,027	571,857	424,357,801
1997	1,758,607	245,453,567	1,777,266	315,232,652	236,300	29,847	59,915	326,062	428,638	439,269,599
1998	1,947,195	227,090,227	1,796,534	293,155,617	128,021	29,927	36,222	194,170	465,095	417,177,248
1999	2,267,918	256,513,586	1,879,946	328,316,476	254,675	31,834	40,585	327,094	584,116	465,621,176
2000	2,541,030	253,213,554	1,968,482	323,480,228	262,163	79,001	43,704	384,868	0	453,931,214
2001	3,485,204	444,601,904	2,265,770	544,020,637	261,699	93,471	45,056	400,226	0	692,554,459
2002	4,834,560	333,573,398	2,305,102	421,795,235	266,107	95,018	47,297	408,422	0	569,429,371
2003	6,118,812	361,639,827	2,321,875	453,613,325	262,547	93,638	68,989	425,174	0	600,516,996
2004	6,478,454	413,356,068	2,609,178	514,029,445	284,387	102,404	29,286	416,077	0	662,953,384
2005	6,758,865	384,539,517	2,082,380	500,543,799	280,033	727,066	28,810	1,035,909	0	661,384,322
2006	7,265,909	359,673,112	2,045,215	493,055,432	292,991	43,185	38,617	374,793	0	649,355,078
2007	7,901,530	438,644,454	2,532,011	587,767,933	291,100	40,957	46,072	378,129	0	743,868,759
2008	9,655,721	411,702,229	2,994,368	564,216,249	306,916	804,536	86,523	1,197,975	0	727,804,502
2009	9,836,623	382,590,766	2,870,301	528,072,343	328,896	855,850	90,625	1,275,371	0	686,896,400
2010	11,041,822	442,780,430	3,045,875	614,892,987	400,358	1,064,565	108,873	1,573,796	0	798,402,562
2011	11,886,479	493,296,264	3,129,128	669,069,413	451,483	1,197,315	121,981	1,770,779	0	880,864,262
2012	13,005,456	485,050,753	3,416,940	691,775,758	460,139	1,318,107	130,851	1,909,097	0	901,827,012
2013	13,636,298	478,234,488	3,415,973	661,953,015	483,119	1,383,934	141,269	2,008,322	0	878,801,751
2014	16,146,289	426,506,668	2,935,125	598,595,342	473,134	1,355,332	140,896	1,969,362	0	805,281,085
2015	18,304,096	474,474,338	3,345,784	666,910,810	614,794	1,761,128	185,769	2,561,691	0	903,383,974
2016	21,304,581	574,490,636	4,148,140	811,491,582	759,927	2,176,874	236,228	3,173,029	0	1,094,356,153
2017	**23,675,472**	**602,151,989**	**4,274,944**	**863,268,657**	**781,362**	**2,238,278**	**230,414**	**3,250,054**	**0**	**1,148,482,830**
2018	23,894,368	591,558,692	4,218,206	858,678,945	782,615	2,241,866	230,902	3,255,383	0	1,143,594,374
2019	24,173,490	598,814,761	4,227,337	867,961,396	790,040	2,263,138	231,180	3,284,358	0	1,158,970,351
2020	24,283,704	598,489,191	4,206,304	869,300,421	787,145	2,254,843	218,119	3,260,107	0	1,156,581,793
2021	24,175,296	591,213,919	4,154,967	859,085,660	787,171	2,254,919	217,304	3,259,394	0	1,148,917,345
2022	24,207,593	589,870,944	4,129,081	857,749,771	784,374	2,246,906	214,827	3,246,107	0	1,147,656,023
2023	24,183,951	588,315,467	4,141,369	854,653,644	785,260	2,249,443	215,173	3,249,876	0	1,143,850,232
2024	24,174,387	583,658,517	4,119,440	848,656,622	783,298	2,243,824	214,406	3,241,528	0	1,137,825,202
2025	24,228,270	586,070,881	4,118,736	852,324,448	779,093	2,231,778	212,761	3,223,632	0	1,140,590,676
2026	24,129,189	578,288,469	4,087,297	841,208,108	775,128	2,220,421	211,209	3,206,758	0	1,130,131,632
2027	24,267,208	587,775,048	4,138,257	854,673,492	779,483	2,232,895	212,912	3,225,290	0	1,145,339,953
2028	24,201,251	578,954,001	4,076,780	842,782,118	768,106	2,200,306	208,462	3,176,874	0	1,130,196,392
2029	24,306,112	585,356,573	4,109,038	851,970,471	771,160	2,209,053	209,656	3,189,869	0	1,141,396,151
2030	24,173,970	568,427,585	3,989,878	829,508,591	752,590	2,155,858	202,393	3,110,841	0	1,111,067,329
2031	24,421,637	587,076,607	4,032,805	856,886,552	752,619	2,155,940	202,404	3,110,963	0	1,143,285,332
2032	24,157,968	563,426,802	3,956,123	822,678,075	752,625	2,155,959	202,407	3,110,991	0	1,109,192,582
2033	24,449,792	583,611,068	4,023,281	852,589,405	752,628	2,155,965	202,409	3,111,002	0	1,136,663,221
2034	24,241,508	565,714,128	3,964,912	826,143,325	752,625	2,155,957	202,408	3,110,990	0	1,112,587,363
2035	24,845,929	618,214,600	4,138,377	902,152,485	752,618	2,155,938	202,405	3,110,961	0	1,200,520,150
TOTAL	**667,439,055**	**23,075,495,582**	**156,282,334**	**31,774,107,255**	**23,290,996**	**55,756,980**	**6,659,927**	**85,707,903**	**8,748,370**	**42,133,856,457**

[a] Capital charges repaid through bond debt service prior to 2015 exclude bond cover; capital charges for 2016 and after include both bond debt service and bond cover.

TABLE B-24 Equivalent Unit Charge for Water Supply for Each Contractor[a] (in dollars per acre-foot)

Project Service Area and Water Supply Contractor	Transportation Charge					Delta Water Charge	Water System Revenue Bond Surcharge	Total Equivalent Unit Charge
	Capital Cost Component	Minimum OMP&R Component	Off-Aqueduct Component	Variable OMP&R Component	Total			
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
FEATHER RIVER AREA								
Yuba City	0.00	0.00	0.00	0.00	0.00	143.05	14.13	157.19
Butte	0.00	0.00	0.00	0.00	0.00	648.89	53.76	702.65
Plumas	38.63	4.25	0.00	0.00	42.88	76.71	10.23	129.82
Feather River Area	9.14	1.01	0.00	0.00	10.15	241.67	22.16	273.98
NORTH BAY AREA								
Napa	176.99	81.24	4.83	16.10	279.16	44.32	17.27	340.75
Solano	104.84	71.09	5.30	9.19	190.42	50.34	13.73	254.48
North Bay Area	131.70	74.87	5.12	11.76	223.45	48.10	15.05	286.59
SOUTH BAY AREA								
Alameda-Zone 7	51.47	63.24	9.11	21.74	145.56	46.21	10.14	201.91
Alameda County	30.64	36.94	7.44	12.59	87.61	31.85	5.14	124.60
Santa Clara	25.00	29.81	6.60	11.28	72.69	20.73	3.50	96.92
South Bay Area	30.29	36.49	7.15	13.22	87.16	26.75	4.86	118.77
SAN JOAQUIN VALLEY AREA								
Kings	6.41	9.77	3.80	8.35	28.33	37.75	4.08	70.16
Dudley Ridge	5.55	6.04	3.34	4.91	19.85	21.02	2.28	43.15
Empire	2.34	5.68	2.54	4.62	15.18	23.82	1.88	40.89
Kern	10.15	11.88	5.10	6.92	34.05	26.40	3.01	63.46
Oak Flat	2.28	3.24	2.04	3.13	10.68	22.52	1.90	35.10
Tulare	5.75	6.18	3.26	4.80	20.00	22.11	2.35	44.46
San Joaquin Valley Area	9.37	10.92	4.79	6.57	31.66	25.70	2.90	60.25
CENTRAL COASTAL AREA								
San Luis Obispo	420.93	278.36	13.49	125.80	838.58	208.55	51.41	1,098.54
Santa Barbara	1,157.58	282.60	21.01	103.68	1,564.87	108.89	83.20	1,756.95
Central Coastal Area	994.91	281.66	19.35	108.56	1,404.49	130.89	76.18	1,611.56
SOUTHERN CALIFORNIA AREA								
AVEK	58.07	59.18	33.14	68.91	219.29	56.27	10.19	285.75
Castaic Lake	62.35	65.94	25.86	46.35	200.50	49.59	13.13	263.22
Coachella	82.48	102.72	44.23	78.02	307.47	54.06	12.43	373.95
Crestline	161.81	157.16	34.80	83.20	436.97	82.65	21.27	540.88
Desert	53.64	58.60	52.95	44.50	209.69	33.78	7.68	251.15
Littlerock	132.81	134.85	41.08	24.18	332.91	124.78	22.35	480.04
Mojave	194.59	229.86	34.07	141.67	600.19	160.19	36.19	796.57
Palmdale	60.35	64.96	39.58	104.87	269.76	65.78	10.86	346.40
San Bernardino	299.74	221.43	31.41	79.80	632.39	96.72	26.56	755.67
San Gabriel	124.91	123.44	48.37	49.97	346.69	60.70	15.92	423.31
San Gorgonio	1,797.80	648.83	36.49	245.46	2,728.58	166.70	46.31	2,941.59
Metropolitan	92.08	80.66	39.75	43.05	255.54	50.07	12.27	317.88
Ventura	527.45	466.48	39.01	101.02	1,133.96	318.72	77.72	1,530.39
Southern California Area	97.26	85.56	39.30	48.17	270.30	52.86	12.79	335.95
ALL AREAS	56.09	48.40	20.61	26.34	151.45	38.92	7.97	198.33

[a] Hypothetical charges, which, if assessed on all Table A water delivered to date, all surplus water delivered prior to May 1, 1973, and all Table A water estimated to be delivered during the remainder of the project repayment period (Table B-5B), would provide a sum at the end of the period financially equivalent to all Transportation Charge and Delta Water Charge payments required under a water supply contract, considering interest at the Project Interest Rate, 4.610 percent per annum.

TABLE B-25 Equivalent Unit Transportation Costs of Water Delivered from or through Each Aqueduct Reach[a] (in dollars per acre-foot)

Aqueduct Reach	Unit Cost of Reach[b]						Cumulative Unit Costs from the Delta					
	Capital Costs	Water System Revenue Bond Surcharge[c]	Minimum OMP&R	Off-Aqueduct Costs	Variable OMP&R	Total	Capital Costs	Water System Revenue Bond Surcharge[c]	Minimum OMP&R	Off-Aqueduct Costs	Variable OMP&R	Total
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]	[11]	[12]
NBA												
1	45.48	16.25	17.65	2.49	1.43	83.30	45.48	16.25	17.65	2.49	1.43	83.30
2	48.41	17.30	7.71	0.00	0.00	73.42	93.89	33.55	25.36	2.49	1.43	156.72
3A	8.63	3.08	15.34	5.35	2.32	34.72	102.52	36.63	40.70	7.84	3.75	191.44
3B	55.50	19.83	34.68	3.78	5.15	118.94	149.39	53.38	60.04	6.27	6.58	275.66
SBA												
1	7.95	2.84	20.69	5.62	5.37	42.47	10.17	3.63	24.76	8.35	7.88	54.79
2	0.75	0.27	2.34	0.00	0.00	3.36	10.92	3.90	27.10	8.35	7.88	58.15
4	2.50	0.89	3.99	0.00	0.00	7.38	13.42	4.79	31.09	8.35	7.88	65.53
5	5.25	1.88	3.13	0.00	0.00	10.26	18.67	6.67	34.22	8.35	7.88	75.79
6	0.30	0.11	0.33	0.00	0.00	0.74	18.97	6.78	34.55	8.35	7.88	76.53
7	2.33	0.83	0.60	0.00	0.00	3.76	21.30	7.61	35.15	8.35	7.88	80.29
8	3.16	1.13	1.00	0.00	0.00	5.29	24.46	8.74	36.15	8.35	7.88	85.58
9	6.52	2.33	3.76	0.00	0.00	12.61	30.98	11.07	39.91	8.35	7.88	98.19
CA												
1	2.22	0.79	4.07	2.73	2.51	12.32	2.22	0.79	4.07	2.73	2.51	12.32
2A	1.41	0.50	0.80	0.00	0.00	2.71	3.63	1.29	4.87	2.73	2.51	15.03
2B	0.72	0.26	0.40	0.00	0.00	1.38	4.35	1.55	5.27	2.73	2.51	16.41
3	0.63	0.23	0.30	0.00	0.00	1.16	4.98	1.78	5.57	2.73	2.51	17.57
4	1.01	0.36	2.02	1.30	1.13	5.82	5.99	2.14	7.59	4.03	3.64	23.39
5	0.77	0.28	0.40	0.00	0.00	1.45	6.76	2.42	7.99	4.03	3.64	24.84
6	0.20	0.07	0.20	0.00	0.00	0.47	6.96	2.49	8.19	4.03	3.64	25.31
7	1.16	0.41	0.49	0.00	0.00	2.06	8.12	2.90	8.68	4.03	3.64	27.37
8C	0.02	0.01	0.09	0.00	0.00	0.12	8.14	2.91	8.77	4.03	3.64	27.49
8D	0.44	0.16	0.39	0.00	0.00	0.99	8.58	3.07	9.16	4.03	3.64	28.48
9	0.37	0.13	0.36	0.00	0.00	0.86	8.95	3.20	9.52	4.03	3.64	29.34
10A	0.40	0.14	0.47	0.00	0.00	1.01	9.35	3.34	9.99	4.03	3.64	30.35
11B	0.58	0.21	0.30	0.00	0.00	1.09	9.93	3.55	10.29	4.03	3.64	31.44
12D	0.55	0.20	0.27	0.00	0.00	1.02	10.48	3.75	10.56	4.03	3.64	32.46
12E	0.39	0.14	0.46	0.00	0.00	0.99	10.87	3.89	11.02	4.03	3.64	33.45
13B	0.83	0.30	0.53	0.00	0.00	1.66	11.70	4.19	11.55	4.03	3.64	35.11
14A	3.20	1.14	4.09	2.32	2.14	12.89	14.90	5.33	15.64	6.35	5.78	48.00
14B	0.50	0.18	0.50	0.00	0.00	1.18	15.40	5.51	16.14	6.35	5.78	49.18
14C	0.42	0.15	0.37	0.00	0.00	0.94	15.82	5.66	16.51	6.35	5.78	50.12
15A	2.37	0.85	4.26	2.83	2.32	12.63	18.19	6.51	20.77	9.18	8.10	62.75
16A	3.93	1.40	6.59	6.14	5.42	23.48	22.12	7.91	27.36	15.32	13.52	86.23
17E	13.26	4.74	18.52	21.49	20.00	78.01	35.38	12.65	45.88	36.81	33.52	164.24
17F	3.44	1.23	0.23	0.00	0.00	4.90	38.82	13.88	46.11	36.81	33.52	169.14
18A	3.09	1.10	2.22	0.00	-2.10	4.31	41.91	14.98	48.33	36.81	31.42	173.45
19	2.28	0.81	1.35	0.00	0.00	4.44	44.19	15.79	49.68	36.81	31.42	177.89
19C	2.48	0.89	0.00	0.00	0.00	3.37	46.67	16.68	49.68	36.81	31.42	181.26
20A	1.81	0.65	2.22	0.00	0.00	4.68	48.48	17.33	51.90	36.81	31.42	185.94
20B	2.20	0.79	1.46	0.00	0.00	4.45	50.68	18.12	53.36	0.00	31.42	153.58
21	1.11	0.40	1.02	0.00	0.00	2.53	51.79	18.52	54.38	0.00	31.42	156.11
22A	1.16	0.41	0.53	0.00	0.00	2.10	52.95	18.93	54.91	0.00	31.42	158.21
22B	11.36	4.06	14.34	6.67	6.59	43.02	64.31	22.99	69.25	6.67	38.01	201.23
23	3.12	1.12	0.99	0.00	-2.68	2.55	67.43	24.11	70.24	6.67	35.33	203.78
24	6.06	2.17	2.78	0.00	0.00	11.01	73.49	26.28	73.02	6.67	35.33	214.79
25	4.42	1.58	0.16	0.00	0.00	6.16	77.91	27.86	73.18	6.67	35.33	220.95
26A	4.83	1.73	9.29	0.00	-18.28	(2.43)	82.74	29.59	82.47	6.67	17.05	218.52
28G	8.99	3.21	3.51	0.00	0.00	15.71	91.73	32.80	85.98	6.67	17.05	234.23
28H	8.65	3.09	3.68	0.00	0.00	15.42	100.38	35.89	89.66	6.67	17.05	249.65
28J	97.04	34.68	51.22	0.00	0.00	182.94	197.42	70.57	140.88	6.67	17.05	432.59
EBX												
1	N/A	0.00	0.18	0.00	0.00	0.18	N/A	29.59	82.65	6.67	17.05	135.96
2A	N/A	0.00	1.46	0.00	0.00	1.46	N/A	29.59	84.12	6.67	17.05	137.43
2B	N/A	0.00	65.87	7.80	30.51	104.19	N/A	29.59	149.99	14.47	47.56	241.62
2C	N/A	0.00	4.02	0.00	0.00	4.02	N/A	29.59	154.01	14.47	47.56	245.63
2D	N/A	0.00	0.00	0.00	0.00	0.00	N/A	29.59	154.01	14.47	47.56	245.63
2E	N/A	0.00	0.00	0.00	0.00	0.00	N/A	29.59	154.01	14.47	47.56	245.63
3A	N/A	0.00	142.50	9.35	41.01	192.86	N/A	29.59	296.51	23.82	88.57	438.49
3B	N/A	0.00	6.32	0.00	0.00	6.32	N/A	29.59	302.82	23.82	88.57	444.81
4A	N/A	0.00	5.22	0.00	0.00	5.22	N/A	29.59	308.04	23.82	88.57	450.03
4B	N/A	0.00	70.38	1.21	10.12	81.71	N/A	29.59	378.43	25.03	98.69	531.74
WB												
29A	4.50	1.61	10.64	2.75	2.35	21.85	43.32	15.49	56.75	39.56	35.87	190.99
29F	3.28	1.17	1.28	0.00	0.00	5.73	46.60	16.66	58.03	39.56	35.87	196.72
29G	10.91	3.90	6.05	0.00	-8.45	12.41	57.51	20.56	64.08	39.56	27.42	209.13
29H	6.79	2.43	5.73	0.00	0.00	14.95	64.30	22.99	69.81	39.56	27.42	224.08
29J	11.39	4.07	1.65	0.00	-15.81	1.30	75.69	27.06	71.46	39.56	11.61	225.38
30	18.27	6.53	5.15	0.00	0.00	29.95	93.96	33.59	76.61	39.56	11.61	255.33
CB												
31A	8.26	2.95	24.28	2.11	2.02	39.62	16.84	6.02	33.44	6.14	5.66	68.10
33A	308.82	110.36	45.80	14.62	26.41	506.01	325.66	116.38	79.24	20.76	32.07	574.11
34	220.64	78.85	1.28	0.00	0.00	300.77	546.30	195.23	80.52	20.76	32.07	874.88
35	0.00	0.00	0.00	0.00	0.00	0.00	546.30	195.23	80.52	20.76	32.07	874.88

[a] Representative of transportation unit costs only; does not include a unit cost of conservation. The Delta Water Rate should be added to these values in order to approximate unit costs at canalside. Includes surplus water prior to May 1, 1973.

[b] Hypothetical charges which, if assessed on all Table A water delivered to date, all surplus water delivered prior to May 1, 1973, and all Table A water estimated to be delivered during the remainder of the project repayment period (Table B-5B), would provide a sum at the end of the period financially equivalent to all Transportation Charges required under the water supply contract considering interest rate at the Project Interest Rate of 4.610 percent per annum.

[c] The Water System Revenue Bond (WSRB) Surcharge equivalent unit rate is calculated by multiplying Column 1 by the ratio of the 2017 WSRB surcharge to the sum of the Transportation Capital and the Capital component of the Delta Water Charge.

TABLE B-26 Capital Costs of Each Aqueduct Reach to be Reimbursed through the Capital Cost Component of the East Branch Enlargement Transportation Charge Phase 1 and Phase 2 (in dollars)

Sheet 1 of 2

Calendar Year	CALIFORNIA AQUEDUCT							
	MOJAVE DIVISION							
	Reach 18A	Reach 19	Reach 20A	Reach 20B	Reach 21	Reach 22A	Reach 22B	Reach 23B
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
1952	0	0	0	0	0	0	0	0
1953	0	0	0	0	0	0	0	0
1954	0	0	0	0	0	0	0	0
1955	0	0	0	0	0	0	0	0
1956	0	0	0	0	0	0	0	0
1957	0	0	0	0	0	0	0	0
1958	0	0	0	0	0	0	0	0
1959	0	0	0	0	0	0	0	0
1960	0	0	0	0	0	0	0	0
1961	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0
1979	117,000	0	0	0	0	0	0	0
1980	200,000	0	0	0	0	0	0	74,000
1981	135,000	0	0	0	0	0	0	385,000
1982	1,503,000	0	0	0	0	0	0	1,586,000
1983	2,260,000	0	0	0	0	0	0	2,965,000
1984	735,000	0	0	0	0	0	796,000	1,380,000
1985	93,000	435,000	75,000	544,000	859,000	703,000	970,000	146,000
1986	784,000	4,477,000	3,144,000	2,234,000	1,569,000	1,203,000	1,808,000	34,000
1987	11,000	951,000	1,076,000	666,000	399,000	47,000	16,421,000	43,000
1988	1,000	125,000	1,681,000	1,730,000	2,024,000	40,000	13,326,000	70,000
1989	0	206,000	2,089,000	2,174,000	2,510,000	61,000	11,242,000	229,000
1990	1,000	577,000	903,000	735,000	928,000	194,000	20,131,000	887,000
1991	1,000	280,000	413,000	333,000	422,000	93,000	20,702,000	1,215,000
1992	0	40,000	41,000	39,000	35,000	13,000	9,599,000	3,719,000
1993	0	19,000	16,000	19,000	12,000	6,000	2,319,000	19,654,000
1994	0	2,000	3,000	2,000	4,000	3,000	803,000	3,173,000
1995	0	0	0	0	0	0	223,000	1,465,000
1996	0	0	0	0	0	0	6,014,000	478,000
1997	0	0	0	0	0	0	404,000	1,327,000
1998	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0
2001	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	0
2006	0	4,366	0	22,095	37,971	0	67,871	0
2007	0	34,564	0	174,915	300,601	0	537,312	0
2008	0	67,077	0	339,450	583,367	0	1,042,743	0
2009	0	90,089	0	455,906	783,502	0	1,400,476	0
2010	0	21,120	0	106,881	183,682	0	328,324	0
2011	0	16,403	0	83,011	142,660	0	254,998	0
2012	0	26,143	0	132,299	227,364	0	406,404	0
2013	0	690	0	3,492	6,002	0	10,728	0
2014	0	4,290	0	21,708	37,307	0	66,685	0
2015	0	3,519	0	17,808	30,604	0	54,704	0
2016	0	0	0	0	0	0	0	0
2017	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
2018	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0
TOTAL	**5,841,000**	**7,380,261**	**9,441,000**	**9,833,565**	**11,095,061**	**2,363,000**	**108,928,245**	**38,830,000**

TABLE B-26 Capital Costs of Each Aqueduct Reach to be Reimbursed through the Capital Cost Component of the East Branch Enlargement Transportation Charge Phase 1 and Phase 2 (in dollars)

Sheet 2 of 2

Calendar Year	CALIFORNIA AQUEDUCT (continued)							GRAND TOTAL
	MOJAVE DIVISION (continued)			SANTA ANA DIVISION				
	Reach 23C	Reach 24	Total	Reach 25	Reach 26A	Reach 26B	Total	
	[9]	[10]	[11]	[12]	[13]	[14]	[15]	[16]
1952	0	0	0	0	0	0	0	0
1953	0	0	0	0	0	0	0	0
1954	0	0	0	0	0	0	0	0
1955	0	0	0	0	0	0	0	0
1956	0	0	0	0	0	0	0	0
1957	0	0	0	0	0	0	0	0
1958	0	0	0	0	0	0	0	0
1959	0	0	0	0	0	0	0	0
1960	0	0	0	0	0	0	0	0
1961	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0
1979	0	0	117,000	0	0	0	0	117,000
1980	0	0	274,000	0	0	0	0	274,000
1981	0	0	520,000	0	0	0	0	520,000
1982	0	0	3,089,000	0	0	0	0	3,089,000
1983	0	0	5,225,000	0	0	0	0	5,225,000
1984	0	0	2,911,000	0	0	0	0	2,911,000
1985	0	0	3,825,000	0	528,000	89,000	617,000	4,442,000
1986	25,000	0	15,278,000	0	1,926,000	154,000	2,080,000	17,358,000
1987	178,000	0	19,792,000	0	3,699,000	437,000	4,136,000	23,928,000
1988	632,000	0	19,629,000	0	5,667,000	3,329,000	8,996,000	28,625,000
1989	1,130,000	0	19,641,000	0	40,879,000	1,650,000	42,529,000	62,170,000
1990	2,066,000	0	26,422,000	0	29,853,000	1,650,000	31,503,000	57,925,000
1991	4,980,000	0	28,439,000	0	26,027,000	999,000	27,026,000	55,465,000
1992	11,920,000	0	25,406,000	0	15,317,000	299,000	15,616,000	41,022,000
1993	16,303,000	0	38,348,000	0	4,878,000	0	4,878,000	43,226,000
1994	7,081,000	0	11,071,000	0	3,151,000	0	3,151,000	14,222,000
1995	5,350,000	0	7,038,000	0	2,137,000	0	2,137,000	9,175,000
1996	1,706,000	0	8,198,000	0	9,181,000	0	9,181,000	17,379,000
1997	1,905,000	0	3,636,000	0	175,000	0	175,000	3,811,000
1998	28,000	0	28,000	0	0	0	0	28,000
1999	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0
2001	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	0
2006	0	0	132,302	0	0	0	0	132,302
2007	0	0	1,047,392	0	0	0	0	1,047,392
2008	0	0	2,032,638	0	0	0	0	2,032,638
2009	0	0	2,729,973	0	0	0	0	2,729,973
2010	0	0	640,008	0	0	0	0	640,008
2011	0	0	497,072	0	0	0	0	497,072
2012	0	0	792,210	0	0	0	0	792,210
2013	0	0	20,913	0	0	0	0	20,913
2014	0	0	129,990	0	0	0	0	129,990
2015	0	0	106,635	0	0	0	0	106,635
2016	0	0	0	0	0	0	0	0
2017	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
2018	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0
TOTAL	**53,304,000**	**0**	**247,016,132**	**0**	**143,418,000**	**8,607,000**	**152,025,000**	**399,041,132**

TABLE B-27 Minimum OMP&R Costs of Each Aqueduct Reach to be Reimbursed through Minimum OMP&R Component of the East Branch Enlargement Transportation Charge Phase 1 and Phase 2 (in dollars)

Sheet 1 of 2

Calendar Year	CALIFORNIA AQUEDUCT							
	MOJAVE DIVISION							
	Reach 18A	Reach 19	Reach 20A	Reach 20B	Reach 21	Reach 22A	Reach 22B	Reach 23B
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
1971	0	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0	0
1994	0	0	0	0	0	0	1,048,625	0
1995	0	0	0	0	0	0	953,814	0
1996	0	0	0	0	0	0	1,171,411	0
1997	0	0	0	0	0	0	1,110,038	0
1998	0	0	0	0	0	0	1,213,002	0
1999	1,229	517	646	409	383	169	668,466	0
2000	4,452	1,875	2,340	1,484	1,386	614	1,315,186	0
2001	347	146	183	116	108	48	1,028,420	0
2002	1,639	690	861	546	510	226	1,533,612	0
2003	0	0	0	0	0	0	1,817,744	0
2004	2,132	27,868	18,579	18,731	10,355	8,528	1,476,962	0
2005	1,243	16,250	10,833	10,922	6,038	4,973	1,028,465	0
2006	3,279	42,860	28,573	28,807	15,926	13,116	1,463,487	0
2007	0	0	0	0	0	0	1,408,475	0
2008	0	0	0	0	0	0	2,053,641	0
2009	(4)	(46)	(31)	(31)	(17)	(14)	1,718,899	0
2010	(1)	(8)	(5)	(5)	(3)	(2)	1,798,266	0
2011	0	0	0	0	0	0	1,900,038	0
2012	4	54	36	36	20	17	1,909,193	0
2013	0	0	0	0	0	0	2,014,115	0
2014	231	3,023	2,015	2,032	1,123	925	2,508,755	0
2015	(697)	(9,108)	(6,072)	(6,122)	(3,385)	(2,787)	2,693,324	0
2016	0	0	0	0	0	0	2,666,145	0
2017	**0**	**0**	**0**	**0**	**0**	**0**	**3,136,517**	**0**
2018	0	0	0	0	0	0	2,883,358	0
2019	0	0	0	0	0	0	2,883,358	0
2020	0	0	0	0	0	0	2,883,358	0
2021	0	0	0	0	0	0	2,883,358	0
2022	0	0	0	0	0	0	2,883,358	0
2023	0	0	0	0	0	0	2,883,358	0
2024	0	0	0	0	0	0	2,883,358	0
2025	0	0	0	0	0	0	2,883,358	0
2026	0	0	0	0	0	0	2,883,358	0
2027	0	0	0	0	0	0	2,883,358	0
2028	0	0	0	0	0	0	2,883,358	0
2029	0	0	0	0	0	0	2,883,358	0
2030	0	0	0	0	0	0	2,883,358	0
2031	0	0	0	0	0	0	2,883,358	0
2032	0	0	0	0	0	0	2,883,358	0
2033	0	0	0	0	0	0	2,883,358	0
2034	0	0	0	0	0	0	2,883,358	0
2035	0	0	0	0	0	0	2,883,358	0
TOTAL	**13,855**	**84,122**	**57,959**	**56,926**	**32,445**	**25,812**	**91,537,043**	**0**

TABLE B-27 Minimum OMP&R Costs of Each Aqueduct Reach to be Reimbursed through Minimum OMP&R Component of the East Branch Enlargement Transportation Charge Phase 1 and Phase 2 (in dollars)

Sheet 2 of 2

Calendar Year	CALIFORNIA AQUEDUCT (continued)							GRAND TOTAL
	MOJAVE DIVISION (continued)			SANTA ANA DIVISION				
	Reach 23C	Reach 24	Subtotal	Reach 25	Reach 26A[a]	Reach 26B	Subtotal	
	[9]	[10]	[11]	[12]	[13]	[14]	[15]	[16]
1971	0	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0	0
1994	0	0	1,048,625	0	1,713,260	0	1,713,260	2,761,885
1995	0	0	953,814	0	1,452,549	0	1,452,549	2,406,363
1996	0	0	1,171,411	0	1,350,581	0	1,350,581	2,521,992
1997	679,826	0	1,789,864	0	1,528,509	0	1,528,509	3,318,373
1998	825,038	0	2,038,040	0	1,619,068	0	1,619,068	3,657,108
1999	382,178	0	1,053,997	0	956,229	0	956,229	2,010,227
2000	735,389	0	2,062,727	0	1,408,811	0	1,408,811	3,471,538
2001	812,038	0	1,841,406	0	789,894	0	789,894	2,631,301
2002	727,219	0	2,265,303	0	1,132,447	0	1,132,447	3,397,751
2003	899,528	0	2,717,272	0	1,235,686	0	1,235,686	3,952,958
2004	913,368	0	2,476,523	0	1,808,950	0	1,808,950	4,285,473
2005	1,036,431	0	2,115,156	0	1,850,269	0	1,850,269	3,965,425
2006	835,977	0	2,432,025	0	1,758,916	0	1,758,916	4,190,941
2007	1,305,526	0	2,714,001	0	2,794,987	0	2,794,987	5,508,988
2008	1,056,104	0	3,109,745	0	2,701,841	0	2,701,841	5,811,585
2009	1,531,068	0	3,249,824	0	2,834,596	0	2,834,596	6,084,420
2010	1,435,460	0	3,233,702	0	2,409,559	0	2,409,559	5,643,261
2011	1,818,536	0	3,718,574	0	2,106,592	0	2,106,592	5,825,166
2012	1,256,975	0	3,166,335	0	2,334,826	0	2,334,826	5,501,161
2013	1,525,748	0	3,539,862	0	2,789,110	0	2,789,110	6,328,972
2014	1,896,137	0	4,414,241	0	3,283,738	0	3,283,738	7,697,979
2015	1,968,399	0	4,633,551	0	4,447,708	0	4,447,708	9,081,260
2016	2,158,924	0	4,825,069	0	3,922,002	0	3,922,002	8,747,071
2017	**2,243,028**	**0**	**5,379,545**	**0**	**4,497,056**	**0**	**4,497,056**	**9,876,601**
2018	2,238,620	0	5,121,978	0	4,681,660	0	4,681,660	9,803,638
2019	2,238,620	0	5,121,978	0	4,681,660	0	4,681,660	9,803,638
2020	2,238,620	0	5,121,978	0	4,681,660	0	4,681,660	9,803,638
2021	2,238,620	0	5,121,978	0	4,681,660	0	4,681,660	9,803,638
2022	2,238,620	0	5,121,978	0	4,681,660	0	4,681,660	9,803,638
2023	2,238,620	0	5,121,978	0	4,681,660	0	4,681,660	9,803,638
2024	2,238,620	0	5,121,978	0	4,681,660	0	4,681,660	9,803,638
2025	2,238,620	0	5,121,978	0	4,681,660	0	4,681,660	9,803,638
2026	2,238,620	0	5,121,978	0	4,681,660	0	4,681,660	9,803,638
2027	2,238,620	0	5,121,978	0	4,681,660	0	4,681,660	9,803,638
2028	2,238,620	0	5,121,978	0	4,681,660	0	4,681,660	9,803,638
2029	2,238,620	0	5,121,978	0	4,681,660	0	4,681,660	9,803,638
2030	2,238,620	0	5,121,978	0	4,681,660	0	4,681,660	9,803,638
2031	2,238,620	0	5,121,978	0	4,681,660	0	4,681,660	9,803,638
2032	2,238,620	0	5,121,978	0	4,681,660	0	4,681,660	9,803,638
2033	2,238,620	0	5,121,978	0	4,681,660	0	4,681,660	9,803,638
2034	2,238,620	0	5,121,978	0	4,681,660	0	4,681,660	9,803,638
2035	2,238,620	0	5,121,978	0	4,681,660	0	4,681,660	9,803,638
TOTAL	**66,338,056**	**0**	**158,146,217**	**0**	**136,997,065**	**0**	**136,997,065**	**295,143,283**

[a] Units 3 and 4 at Devil Canyon Powerplant were operational in 1993.

TABLE B-28 Capital Costs of East Branch Enlargement Transportation Facilities Allocated to Each Contractor Phase 1 and Phase 2 (in dollars)

Calendar Year	SOUTHERN CALIFORNIA AREA							Total
	AVEK	Coachella	Desert	Mojave	Palmdale	San Bernardino	Metropolitan	
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
1971	0	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0
1979	0	11,731	1,010	10,566	466	0	93,227	117,000
1980	0	28,241	4,708	27,495	797	0	212,759	274,000
1981	0	56,134	16,676	61,271	538	0	385,381	520,000
1982	0	326,180	76,872	337,913	5,988	0	2,342,047	3,089,000
1983	0	554,658	138,964	582,070	9,004	0	3,940,304	5,225,000
1984	0	306,514	68,842	314,468	2,928	0	2,218,248	2,911,000
1985	49,675	447,266	65,773	347,262	4,514	21,614	3,505,896	4,442,000
1986	185,353	1,757,633	236,324	1,363,586	41,900	78,842	13,694,362	17,358,000
1987	49,735	2,455,279	378,535	1,774,447	10,615	151,421	19,107,968	23,928,000
1988	124,534	2,689,959	500,466	1,712,431	13,783	231,982	23,351,845	28,625,000
1989	155,446	7,118,094	2,423,000	1,671,088	17,419	1,673,409	49,111,544	62,170,000
1990	62,786	6,459,229	1,943,918	2,234,452	8,680	1,222,053	45,993,882	57,925,000
1991	28,686	6,265,822	1,875,066	2,168,712	4,024	1,065,433	44,057,257	55,465,000
1992	2,911	4,826,764	1,610,921	1,359,335	471	627,012	32,594,586	41,022,000
1993	1,205	5,094,237	1,828,410	2,722,156	212	199,684	33,380,096	43,226,000
1994	273	1,726,376	631,816	478,543	27	128,988	11,255,977	14,222,000
1995	0	1,130,963	423,243	206,978	0	87,480	7,326,336	9,175,000
1996	0	2,025,987	645,296	606,205	0	375,830	13,725,682	17,379,000
1997	0	451,011	154,366	205,796	0	7,164	2,992,663	3,811,000
1998	0	3,551	1,293	0	0	0	23,156	28,000
1999	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0
2001	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	0
2006	1,368	13,170	1,134	11,862	103	0	104,665	132,302
2007	10,827	104,265	8,976	93,908	819	0	828,597	1,047,392
2008	21,011	202,344	17,420	182,243	1,589	0	1,608,031	2,032,638
2009	28,220	271,762	23,397	244,765	2,134	0	2,159,695	2,729,973
2010	6,616	63,711	5,485	57,382	500	0	506,314	640,008
2011	5,138	49,482	4,260	44,567	389	0	393,236	497,072
2012	8,189	78,862	6,789	71,028	619	0	626,723	792,210
2013	216	2,082	179	1,875	16	0	16,545	20,913
2014	1,344	12,940	1,114	11,655	102	0	102,835	129,990
2015	1,102	10,615	914	9,561	83	0	84,360	106,635
2016	0	0	0	0	0	0	0	0
2017	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
2018	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0
TOTAL	**744,635**	**44,544,862**	**13,095,167**	**18,913,620**	**127,720**	**5,870,912**	**315,744,217**	**399,041,133**

TABLE B-29 Capital Cost Component of East Branch Enlargement Facilities Transportation Charge for Each Contractor[a b] (in dollars)

Calendar Year	SOUTHERN CALIFORNIA AREA							Total
	AVEK	Coachella	Desert	Mojave	Palmdale	San Bernardino[c]	Metropolitan	
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
1971	0	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0	0
1988	18,266	1,209,293	360,156	502,810	3,356	0	8,552,529	10,646,410
1989	19,176	1,269,524	378,094	527,854	3,523	0	8,978,504	11,176,675
1990	19,186	1,270,244	378,308	528,153	3,525	0	8,983,597	11,183,013
1991	19,187	1,270,261	378,314	528,160	3,525	0	8,983,717	11,183,164
1992	38,420	2,543,616	757,549	1,057,606	7,059	0	17,989,315	22,393,565
1993	40,029	2,650,139	789,274	1,101,897	7,354	0	18,742,682	23,331,375
1994	39,705	2,628,706	782,890	1,092,986	7,295	0	18,591,099	23,142,681
1995	39,632	2,623,828	781,438	1,090,958	7,281	0	18,556,603	23,099,740
1996	39,825	2,636,667	785,261	1,096,296	7,317	0	18,647,406	23,212,772
1997	41,743	2,763,629	823,074	1,149,085	7,669	0	19,545,322	24,330,522
1998	42,642	2,823,126	840,793	1,173,823	7,834	0	19,966,108	24,854,326
1999	44,738	2,961,887	882,120	1,231,519	8,219	0	20,947,475	26,075,958
2000	49,031	3,246,109	966,768	1,349,695	9,008	0	22,957,586	28,578,197
2001	49,048	3,247,263	967,111	1,350,175	9,011	0	22,965,748	28,588,356
2002	47,894	3,170,848	944,353	1,318,402	8,799	0	22,425,318	27,915,614
2003	40,765	2,698,871	803,787	1,122,160	7,489	0	19,087,337	23,760,409
2004	44,199	2,926,222	871,498	1,216,690	8,120	0	20,695,237	25,761,966
2005	33,144	2,194,299	653,514	912,364	6,089	0	15,518,826	19,318,236
2006	46,979	3,110,276	926,313	1,293,217	8,631	0	21,996,926	27,382,342
2007	45,289	2,998,370	892,985	1,246,688	8,321	0	21,205,488	26,397,141
2008	42,491	2,813,118	837,813	1,169,662	7,806	0	19,895,328	24,766,218
2009	43,670	2,891,182	861,062	1,202,121	8,023	0	20,447,424	25,453,482
2010	44,839	2,968,619	884,125	1,234,318	8,238	0	20,995,084	26,135,223
2011	43,190	2,859,419	851,602	1,188,914	7,935	0	20,222,785	25,173,845
2012	43,704	2,893,449	861,737	1,203,063	8,029	0	20,463,459	25,473,441
2013	37,663	2,493,469	742,614	1,036,756	6,919	0	17,634,660	21,952,081
2014	39,838	2,637,482	785,504	1,096,635	7,319	0	18,653,166	23,219,944
2015	44,619	2,954,015	879,775	1,228,246	8,197	0	20,891,796	26,006,648
2016	64,929	4,224,099	1,261,425	1,741,435	11,665	0	29,840,781	37,144,334
2017	**67,986**	**4,387,080**	**1,309,263**	**1,809,965**	**12,137**	**0**	**30,994,029**	**38,580,460**
2018	66,053	4,276,637	1,277,292	1,761,594	11,810	0	30,208,216	37,601,602
2019	66,388	4,286,916	1,280,236	1,765,768	11,843	0	30,280,398	37,691,549
2020	65,281	4,187,156	1,248,498	1,730,188	11,610	0	29,586,664	36,829,397
2021	66,335	4,280,656	1,278,006	1,764,317	11,834	0	30,238,485	37,639,633
2022	63,896	4,117,742	1,229,299	1,697,168	11,386	0	29,087,515	36,207,006
2023	52,917	3,377,916	1,007,245	1,394,955	9,369	0	23,866,311	29,708,713
2024	55,213	3,546,728	1,058,288	1,463,195	9,818	0	25,056,506	31,189,748
2025	63,019	4,034,693	1,202,714	1,667,993	11,196	0	28,510,862	35,490,477
2026	26,140	1,589,925	472,729	657,847	4,449	0	11,234,016	13,985,106
2027	26,537	1,618,059	481,352	668,776	4,522	0	11,431,404	14,230,650
2028	18,266	1,051,912	310,301	441,048	3,001	0	7,443,195	9,267,723
2029	18,775	1,104,420	326,949	460,179	3,125	0	7,809,305	9,722,753
2030	20,307	195,564	16,836	176,137	1,536	0	1,554,155	1,964,535
2031	20,236	194,875	16,778	175,516	1,530	0	1,548,678	1,957,613
2032	20,276	195,266	16,811	175,869	1,534	0	1,551,790	1,961,546
2033	20,251	195,026	16,790	175,652	1,531	0	1,549,876	1,959,126
2034	20,283	195,325	16,816	175,921	1,534	0	1,552,251	1,962,130
2035	20,293	195,420	16,825	176,008	1,535	0	1,553,008	1,963,089
TOTAL	**1,942,293**	**120,009,346**	**35,512,285**	**50,329,784**	**338,856**	**0**	**849,437,970**	**1,057,570,534**

[a] 1988 through 2015 charges are debt service only and do not include bond cover; 2016 charges and after include both debt service and bond cover.

[b] East Branch Enlargement Phase 2 debt service schedule starts in 2016, and this table is the sum of East Branch Enlargement Phase 1 and Phase 2 capital charges for each contractor.

[c] Under Article 49(d)(4)(A) of its contract, San Bernardino Valley Municipal Water District elected to pay a portion of its allocated costs of East Branch Enlargement in advance rather than to participate in payment of Water System Revenue Bonds. This election was made via a letter of agreement signed June 1, 1987. As of June 1999, $6,347,938 has been received from the San Bernardino Valley Municipal Water District.

TABLE B-30 Minimum OMP&R Component of East Branch Enlargement Facilities Transportation Charge for Each Contractor (in dollars)

Calendar Year	SOUTHERN CALIFORNIA AREA							Total
	AVEK	Coachella	Desert	Mojave	Palmdale	San Bernardino	Metropolitan	
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
1971	0	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0	0
1994	0	320,415	101,486	95,075	0	70,133	2,174,776	2,761,885
1995	0	278,176	86,604	86,479	0	59,461	1,895,643	2,406,363
1996	0	287,293	82,991	106,208	0	55,287	1,990,213	2,521,992
1997	0	389,636	123,446	100,643	0	62,571	2,642,077	3,318,373
1998	0	429,772	135,927	109,979	0	66,278	2,915,152	3,657,108
1999	37	236,006	75,040	60,907	11	39,144	1,599,082	2,010,227
2000	132	403,529	121,437	120,330	40	57,671	2,768,399	3,471,538
2001	10	305,653	89,017	93,328	3	32,335	2,110,955	2,631,301
2002	49	389,061	107,983	139,447	15	46,357	2,714,839	3,397,751
2003	0	452,017	123,931	164,809	0	50,584	3,161,617	3,952,958
2004	1,278	499,879	153,267	141,586	265	74,051	3,415,147	4,285,473
2005	745	471,965	156,985	97,723	154	75,742	3,162,111	3,965,425
2006	1,965	487,018	147,273	144,493	407	72,002	3,337,783	4,190,941
2007	0	657,848	223,226	127,702	0	114,415	4,385,797	5,508,988
2008	0	679,484	212,277	186,197	0	110,602	4,623,025	5,811,585
2009	(2)	722,651	238,466	155,834	0	116,036	4,851,435	6,084,420
2010	0	665,226	211,817	163,041	0	98,637	4,504,540	5,643,261
2011	0	686,057	214,049	172,270	0	86,235	4,666,555	5,825,166
2012	2	644,406	200,508	173,115	1	95,578	4,387,551	5,501,161
2013	0	746,004	238,327	182,613	0	114,174	5,047,854	6,328,972
2014	139	905,721	286,472	228,293	29	134,422	6,142,903	7,697,979
2015	(418)	1,075,723	353,863	241,686	(87)	182,070	7,228,423	9,081,260
2016	0	1,034,006	334,313	241,730	0	160,550	6,976,472	8,747,071
2017	**0**	**1,164,137**	**373,286**	**284,378**	**0**	**184,090**	**7,870,710**	**9,876,601**
2018	0	1,161,244	380,845	261,424	0	191,647	7,808,478	9,803,638
2019	0	1,161,244	380,845	261,424	0	191,647	7,808,478	9,803,638
2020	0	1,161,244	380,845	261,424	0	191,647	7,808,478	9,803,638
2021	0	1,161,244	380,845	261,424	0	191,647	7,808,478	9,803,638
2022	0	1,161,244	380,845	261,424	0	191,647	7,808,478	9,803,638
2023	0	1,161,244	380,845	261,424	0	191,647	7,808,478	9,803,638
2024	0	1,161,244	380,845	261,424	0	191,647	7,808,478	9,803,638
2025	0	1,161,244	380,845	261,424	0	191,647	7,808,478	9,803,638
2026	0	1,161,244	380,845	261,424	0	191,647	7,808,478	9,803,638
2027	0	1,161,244	380,845	261,424	0	191,647	7,808,478	9,803,638
2028	0	1,161,244	380,845	261,424	0	191,647	7,808,478	9,803,638
2029	0	1,161,244	380,845	261,424	0	191,647	7,808,478	9,803,638
2030	0	1,161,244	380,845	261,424	0	191,647	7,808,478	9,803,638
2031	0	1,161,244	380,845	261,424	0	191,647	7,808,478	9,803,638
2032	0	1,161,244	380,845	261,424	0	191,647	7,808,478	9,803,638
2033	0	1,161,244	380,845	261,424	0	191,647	7,808,478	9,803,638
2034	0	1,161,244	380,845	261,424	0	191,647	7,808,478	9,803,638
2035	0	1,161,244	380,845	261,424	0	191,647	7,808,478	9,803,638
TOTAL	**3,937**	**34,834,075**	**11,247,201**	**8,323,498**	**838**	**5,608,071**	**235,125,663**	**295,143,283**

TABLE B-31 Total East Branch Enlargement Facilities Transportation Charge for Each Contractor (in dollars)

Calendar Year	SOUTHERN CALIFORNIA AREA							Total
	AVEK	Coachella	Desert	Mojave	Palmdale	San Bernardino	Metropolitan	
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
1971	0	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0	0
1988	18,266	1,209,293	360,156	502,810	3,356	0	8,552,529	10,646,410
1989	19,176	1,269,524	378,094	527,854	3,523	0	8,978,504	11,176,675
1990	19,186	1,270,244	378,308	528,153	3,525	0	8,983,597	11,183,013
1991	19,187	1,270,261	378,314	528,160	3,525	0	8,983,717	11,183,164
1992	38,420	2,543,616	757,549	1,057,606	7,059	0	17,989,315	22,393,565
1993	40,029	2,650,139	789,274	1,101,897	7,354	0	18,742,682	23,331,375
1994	39,705	2,949,121	884,376	1,188,061	7,295	70,133	20,765,875	25,904,566
1995	39,632	2,902,004	868,042	1,177,437	7,281	59,461	20,452,246	25,506,103
1996	39,825	2,923,960	868,252	1,202,504	7,317	55,287	20,637,619	25,734,764
1997	41,743	3,153,265	946,520	1,249,728	7,669	62,571	22,187,399	27,648,895
1998	42,642	3,252,898	976,720	1,283,802	7,834	66,278	22,881,260	28,511,434
1999	44,775	3,197,893	957,160	1,292,426	8,230	39,144	22,546,557	28,086,185
2000	49,163	3,649,638	1,088,205	1,470,025	9,048	57,671	25,725,985	32,049,735
2001	49,058	3,552,916	1,056,128	1,443,503	9,014	32,335	25,076,703	31,219,657
2002	47,943	3,559,909	1,052,336	1,457,849	8,814	46,357	25,140,157	31,313,365
2003	40,765	3,150,888	927,718	1,286,969	7,489	50,584	22,248,954	27,713,367
2004	45,477	3,426,101	1,024,765	1,358,276	8,385	74,051	24,110,384	30,047,439
2005	33,889	2,666,264	810,499	1,010,087	6,243	75,742	18,680,937	23,283,661
2006	48,944	3,597,294	1,073,586	1,437,710	9,038	72,002	25,334,709	31,573,283
2007	45,289	3,656,218	1,116,211	1,374,390	8,321	114,415	25,591,285	31,906,129
2008	42,491	3,492,602	1,050,090	1,355,859	7,806	110,602	24,518,353	30,577,803
2009	43,668	3,613,833	1,099,528	1,357,955	8,023	116,036	25,298,859	31,537,902
2010	44,839	3,633,845	1,095,942	1,397,359	8,238	98,637	25,499,624	31,778,484
2011	43,190	3,545,476	1,065,651	1,361,184	7,935	86,235	24,889,340	30,999,011
2012	43,706	3,537,855	1,062,245	1,376,178	8,030	95,578	24,851,010	30,974,602
2013	37,663	3,239,473	980,941	1,219,369	6,919	114,174	22,682,514	28,281,053
2014	39,977	3,543,203	1,071,976	1,324,928	7,348	134,422	24,796,069	30,917,923
2015	44,201	4,029,738	1,233,638	1,469,932	8,110	182,070	28,120,219	35,087,908
2016	64,929	5,258,105	1,595,738	1,983,165	11,665	160,550	36,817,253	45,891,405
2017	**67,986**	**5,551,217**	**1,682,549**	**2,094,343**	**12,137**	**184,090**	**38,864,739**	**48,457,061**
2018	66,053	5,437,881	1,658,137	2,023,018	11,810	191,647	38,016,694	47,405,240
2019	66,388	5,448,160	1,661,081	2,027,192	11,843	191,647	38,088,876	47,495,187
2020	65,281	5,348,400	1,629,343	1,991,612	11,610	191,647	37,395,142	46,633,035
2021	66,335	5,441,900	1,658,851	2,025,741	11,834	191,647	38,046,963	47,443,271
2022	63,896	5,278,986	1,610,144	1,958,592	11,386	191,647	36,895,993	46,010,644
2023	52,917	4,539,160	1,388,090	1,656,379	9,369	191,647	31,674,789	39,512,351
2024	55,213	4,707,972	1,439,133	1,724,619	9,818	191,647	32,864,984	40,993,386
2025	63,019	5,195,937	1,583,559	1,929,417	11,196	191,647	36,319,340	45,294,115
2026	26,140	2,751,169	853,574	919,271	4,449	191,647	19,042,494	23,788,744
2027	26,537	2,779,303	862,197	930,200	4,522	191,647	19,239,882	24,034,288
2028	18,266	2,213,156	691,146	702,472	3,001	191,647	15,251,673	19,071,361
2029	18,775	2,265,664	707,794	721,603	3,125	191,647	15,617,783	19,526,391
2030	20,307	1,356,808	397,681	437,561	1,536	191,647	9,362,633	11,768,173
2031	20,236	1,356,119	397,623	436,940	1,530	191,647	9,357,156	11,761,251
2032	20,276	1,356,510	397,656	437,293	1,534	191,647	9,360,268	11,765,184
2033	20,251	1,356,270	397,635	437,076	1,531	191,647	9,358,354	11,762,764
2034	20,283	1,356,569	397,661	437,345	1,534	191,647	9,360,729	11,765,768
2035	20,293	1,356,664	397,670	437,432	1,535	191,647	9,361,486	11,766,727
TOTAL	**1,946,230**	**154,843,421**	**46,759,486**	**58,653,282**	**339,694**	**5,608,071**	**1,084,563,633**	**1,352,713,817**