

Bulletin 132-20  
Appendix B

Data and Computations  
Used to Determine  
2021 Water Charges



**DEPARTMENT OF WATER RESOURCES**

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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 (SWP) as required by the Water Supply Contracts. This report presents the data and computations used by the State of California in determining the SWP contractors' Statements of Charges to be paid in calendar year 2021.

The information contained herein is published in compliance with Article 22(f) and Article 29(e) of the Water Supply Contracts.

The report, Bulletin 132-20, Appendix B, will also be published as part of the Department of Water Resources' Bulletin 132-20.

Sincerely,

*Pedro Villalobos*

Pedro Villalobos, Chief  
State Water Project Analysis Office



## Appendix B Data and Computations Used to Determine 2021 Water Charges

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## State Water Project Water Contractors

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

<b>Full Name</b>	<b>Abbreviation</b>
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
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 Geronio Pass Water Agency	San Geronio
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
Santa Clarita Valley Water Agency <sup>1</sup>	Santa Clarita
Solano County Water Agency	Solano
Tulare Lake Basin Water Storage District	Tulare
Ventura County Watershed Protection District	Ventura

<sup>1</sup> Castaic Lake Water Agency's SWP Water Supply Contract was transferred to Santa Clarita Valley Water Agency effective November 2, 2018.



## Appendix B

### Data and Computations Used to Determine 2021 Water Charges

The State of California, acting by and through the Department of Water Resources (DWR), annually furnishes Statements of Charges to the 29 State Water Project (SWP or Project) water 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 SWP water contractors during calendar year 2021. The information is based on established data about the SWP, both known and projected, as of June 2020 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 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
- Sisk Dam, San Luis Reservoir, and Gianelli Pumping-Generating Plant

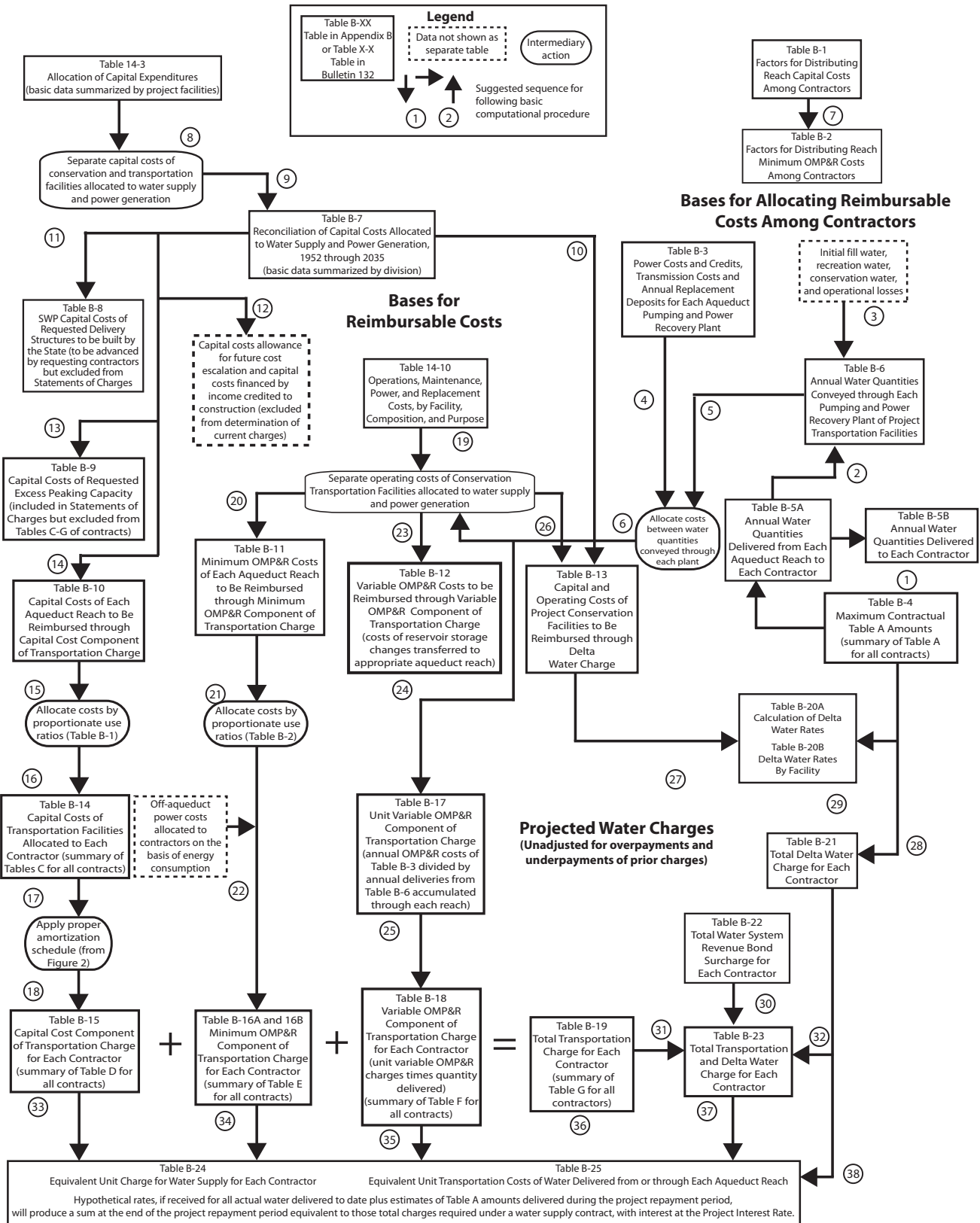
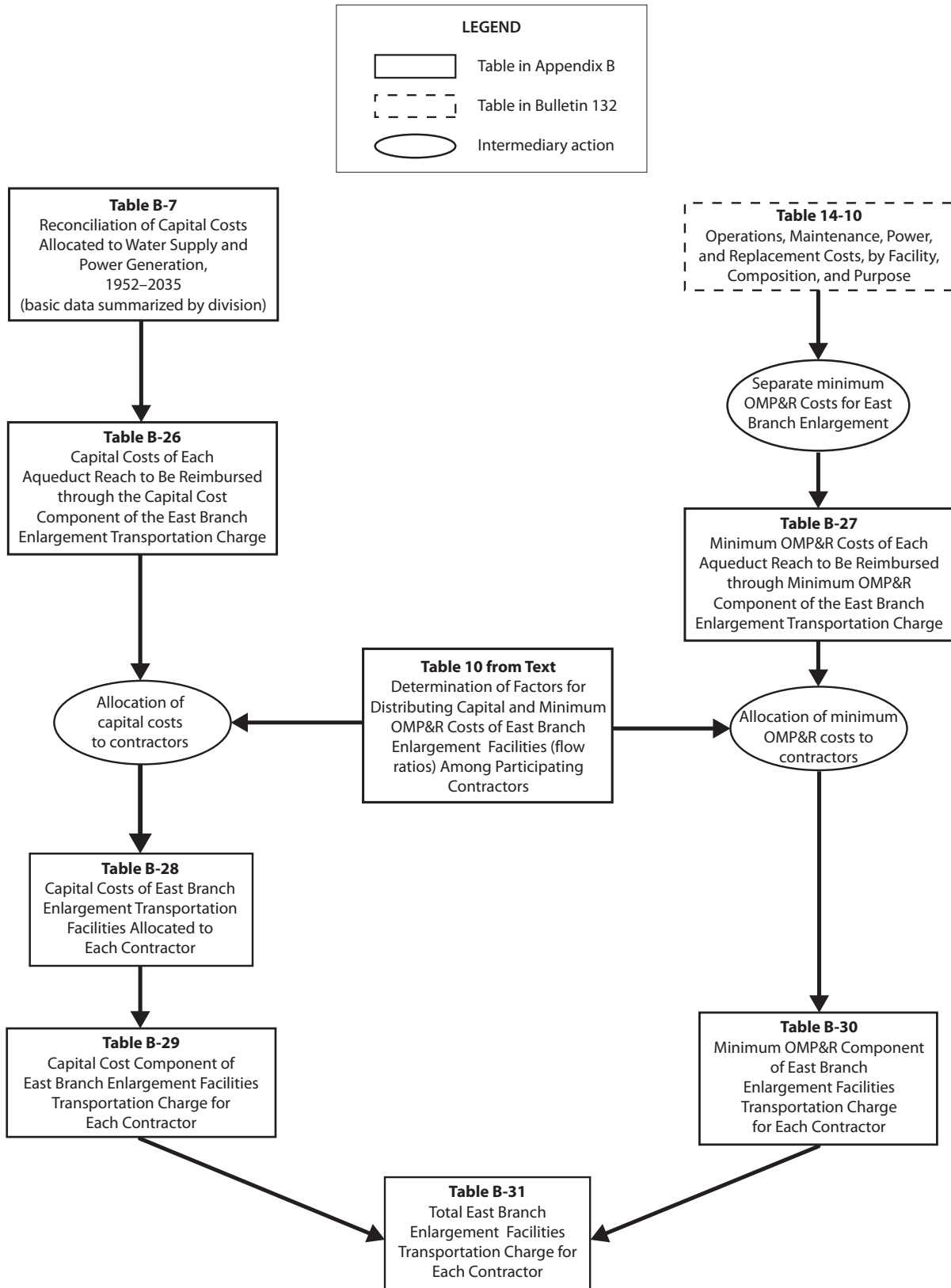


Figure B-1 Relationships of Data Used to Substantiate Statements of Charges



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

### 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 SWP water 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 SWP water contractor's turnout(s). Generally, the annual charge represents each SWP water contractor's proportionate share of the reimbursable capital costs and operating costs of the Project Transportation Facilities.

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

The East Branch Enlargement Transportation Charge is paid by the seven Southern California SWP water 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 SWP water contractors pay an allocated share of the debt service on revenue bonds sold to finance the enlargement. Each SWP water 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 SWP water contractors in their respective service areas.

Transportation charges for the Tehachapi East Afterbay are repaid by those SWP water contractors using electrical power for delivery of their Table A water downstream of the Tehachapi East 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 DWR all reimbursable capital costs;
- (2) conservation and transportation minimum OMP&R components, which will return to DWR all reimbursable operating costs that do not depend on or vary with quantities of water actually delivered to the SWP water contractors; and
- (3) a transportation variable OMP&R component, which will return to DWR all reimbursable operating costs that depend on and vary with quantities of

## 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 Wildlife 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 Wildlife 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 Wildlife 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 Wildlife 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 Wildlife agreement)

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

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



water actually delivered to the SWP water 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 2021.

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 2019, included in those tables, are the redetermined amounts and do not equal the amounts actually paid by SWP water 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 SWP water 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 water 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 DWR at the request of SWP water contractors.
- (2) Advances of funds pursuant to Article 10(d) of the standard provisions for delivery structures (turnouts) constructed by DWR at the request of SWP water 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 SWP water 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 SWP water 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 non-SWP water contractor 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 SWP water 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 DWR 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 DWR 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 DWR on or before the fifteenth day of the month following actual water delivery.

## **Bases for Allocating Reimbursable Costs Among SWP Water Contractors**

This section describes procedures for allocating reimbursable costs of Project Transportation Facilities among SWP water 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 SWP water 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 SWP water contractors under planned conditions of full development.

The derivation of ratios that represent the proportionate maximum use of each aqueduct reach by the respective SWP water 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 SWP water contractors were last reported in Tables B-1 and B-2 of Bulletin 132-91. Under Article 53 of the Monterey Amendment, agricultural SWP water contractors may sell up to 130,000 acre-feet of aqueduct capacity to municipal and industrial SWP water 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.

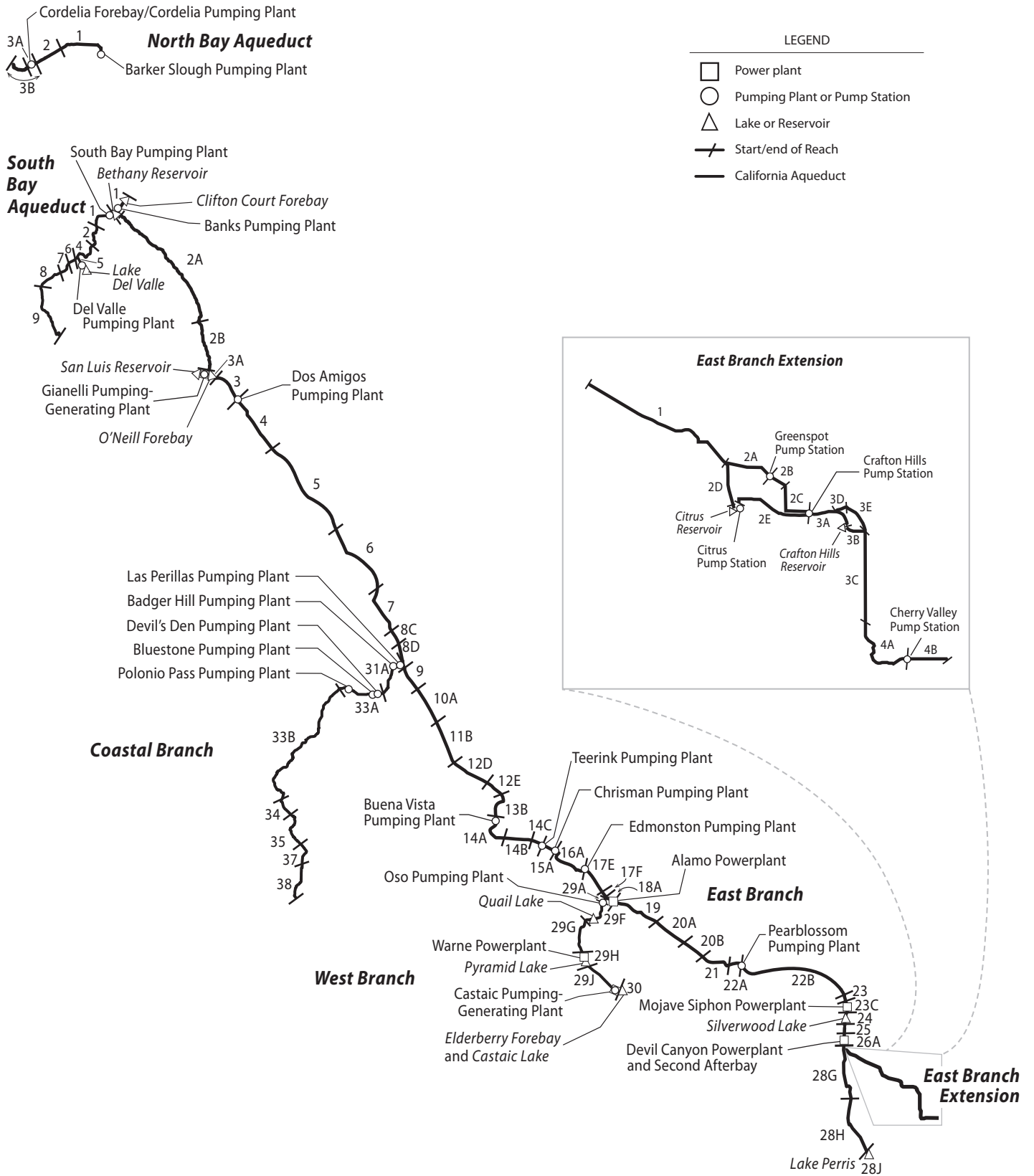


Figure B-4 Repayment Reaches and Descriptions

**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
- 2D Junction, Foothill Pipeline Near Cone Camp Road to Citrus Pump Station
- 2E Citrus Pump Station to Crafton Hills Pump Station
- 3A Crafton Hills Pump Station to Crafton Hills Reservoir
- 3B Crafton Hills Reservoir to Carter Street Valve Vault
- 3C Carter Street Valve Vault to Garden Air Creek
- 3D Yucaipa Connector Pipeline to Yucaipa Pipeline Tie-in
- 3E Yucaipa Pipeline Tie-in to Carter Street Valve Vault
- 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

**Table 1 Summary of Permanent Aqueduct Capacity Transfers**

SWP Water Contractor		Capacity Transfer		
Seller	Buyer	Amount (acre-feet)	Effective Year	Transfer Description
<b>Transfers under Monterey Amendment</b>				
Kern	Mojave	25,000	1998	Purchased capacity upstream of Reach 31A
Kern	Santa Clarita <sup>1</sup>	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
<i>Subtotal under Article 53</i>		<i>114,000</i>		
<b>Transfers outside of Monterey Amendment</b>				
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
Dudley Ridge	Mojave	4,000	2020	Purchased capacity upstream of Reach 8D
<i>Subtotal outside of Article 53</i>		<i>163,022</i>		

<sup>1</sup> Castaic Lake Water Agency's SWP Water Supply Contract was transferred to Santa Clarita Valley Water Agency effective November 2, 2018.

Table B-2 presents corresponding ratios for allocating 2021 and after reimbursable minimum OMP&R costs among SWP water 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.

### 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 DWR 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 SWP water contractors in proportion to the actual annual use of that reach by the respective SWP water contractors.

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

- 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 water 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 SWP water contractor. Projected deliveries for years 2020 through 2035 are based on SWP water contractors' requests for future water deliveries. The quantities included in Table B-5A also include non-project water delivered to SWP water contractors, surplus water deliveries prior to May 1, 1973, and actual Article 21 water deliveries in 1994 and thereafter.

*Table B-5A-Adj* presents a summary of accounting adjustments that result from water deliveries not originating from the Sacramento-San Joaquin Delta (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, SWP water 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 SWP water contractor. The quantities also include amounts of non-project 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 SWP water 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 SWP water 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 SWP water 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 non-project 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 at the top 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 costs as of December 31, 2019; 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 SWP water 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 DWR in connection with each SWP water contractor's turnouts. Costs incurred by DWR for both State-constructed and SWP water contractor-constructed delivery structures are paid directly by the SWP water contractors for which the structures are built. DWR incurs design review and construction inspection costs in connection with SWP water 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),

**Table 2 Project Purpose Cost Allocation Factors (percentages)<sup>1</sup>**

PROJECT FACILITIES	Water Supply and Power Generation		All Other Purposes (Nonreimbursable)	
	Capital Costs	Minimum OMP&R Costs	Capital Costs	Minimum OMP&R Costs
<b>Project Conservation Facilities</b>				
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 <sup>2</sup>	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
<b>Transportation Facilities</b>				
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 <sup>a</sup>	78.0 <sup>b</sup>
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) <sup>3,4</sup>	94.3 / 99.6	96.9 / 99.6	5.7 / 0.4	3.1 / 0.4
Aqueduct and Plants <sup>3,4</sup>	94.3 / 99.6	96.9 / 99.6	5.7 / 0.4	3.1 / 0.4
Pyramid Dam and Lake <sup>3,4</sup>	94.3 / 96.1	96.9 / 96.1	5.7 / 3.9	3.1 / 3.9
Castaic Dam and Lake <sup>3,4</sup>	94.3 / 91.1	96.9 / 91.1	5.7 / 8.9	3.1 / 8.9
Silverwood Dam and Lake <sup>3,4</sup>	94.3 / 85.3	96.9 / 85.3	5.7 / 14.7	3.1 / 14.7
Perris Dam and Lake <sup>3,4</sup>	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

<sup>1</sup> Percentages indicated apply to the majority of the facilities with minor exceptions.

<sup>2</sup> 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.

<sup>a</sup> Percentage indicated consists of 48.0 percent of costs allocated to recreation and 26.8 percent to flood control.

<sup>b</sup> Percentage indicated consists of 44.9 percent of costs allocated to recreation and 33.1 percent to flood control.

<sup>3</sup> Percentage indicated is used for 2012 and previous years.

<sup>4</sup> Percentage indicated is used for 2013 and forward.

San Gabriel Valley Municipal Water District, and Antelope Valley-East Kern Water Agency, including the following:

- additional costs incurred by DWR for requested excess capacity;
- advances by SWP water contractors of funds for such costs; and
- credits for advances in excess of costs which were applied to respective SWP water 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 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 DWR 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 DWR, with interest, through SWP water 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 DWR 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 Project 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 SWP water 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 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) projected operating costs (labor only) were not escalated for calendar years 2021 and 2022, and escalation of certain projected operating costs (labor and operating expense) were 1 percent per year for 2023–2035. Labor and operating expense escalation rates were originally set at 4.0 percent per year for 2021 through 2022, in the Bulletin 132-20 Criteria Memorandum; however, operating cost escalations were eliminated in the Statements of Charges.

*Table B-12* shows the portions of variable OMP&R costs in Table B-3 that are allocable to the water 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 SWP water 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 SWP water 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 SWP water 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 SWP water contractor is the basis for the Transportation Charge components.

*Table B-14* summarizes each SWP water 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 Santa Clarita Valley Water Agency also prepaid capital costs (Castaic Lake Water Agency's SWP Water Supply Contract was transferred to Santa Clarita Valley Water Agency effective November 2, 2018. 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 and San Gorgonio Pass Water Agency.

Both Table B-14 and Table C of the six SWP water 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 SWP water 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 3 Criteria for Amortizing Capital Costs of Transportation Facilities**

Contractor	Year of Initial Payment <sup>1</sup>
Alameda County Flood Control and Water Conservation District, Zone 7	1963 <sup>a</sup>
Alameda County Water District	1963
Antelope Valley-East Kern Water Agency	1963
City of Yuba City	<sup>b</sup>
Coachella Valley Water District	1964
County of Butte	<sup>b</sup>
County of Kings	1968
Crestline-Lake Arrowhead Water Agency	1964
Desert Water Agency	1963 <sup>c</sup>
Dudley Ridge Water District	1968 <sup>d</sup>
Empire West Side Irrigation District	1968 <sup>d</sup>
Kern County Water Agency	
Agricultural Use	1968 <sup>d</sup>
Municipal and Industrial Use	1968 <sup>d</sup>
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 Bernardino Valley Municipal Water District	1963
San Gabriel Valley Municipal Water District	1963 <sup>c</sup>
San Gorgonio Pass Water Agency	1963 <sup>c</sup>
San Luis Obispo County Flood Control and Water Conservation District	1964 <sup>e</sup>
Santa Barbara County Flood Control and Water Conservation District	1964
Santa Clara Valley Water District	1963
Santa Clarita Valley Water Agency	1964 <sup>f</sup>
Solano County Water Agency	1973
Tulare Lake Basin Water Storage District	1968 <sup>d</sup>
Ventura County Watershed Protection District	1964

<sup>1</sup> Allocated capital costs of transportation facilities amortized in equal annual installments unless otherwise noted.

<sup>a</sup> Principal payments on each annual capital cost prior to 1971 delayed until calendar year 1972, except payments for 1963.

<sup>b</sup> For City of Yuba City and County of Butte, payments for Delta Water Charge only.

<sup>c</sup> Payment deferred for 1963 and added to 1964 payment with accrued interest.

<sup>d</sup> 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.

<sup>e</sup> For San Luis Obispo and Santa Barbara, all principal and interest payments for costs of the Coastal Stub were deferred until 1976.

<sup>f</sup> Castaic Lake Water Agency's SWP Water Supply Contract was transferred to Santa Clarita Valley Water Agency effective November 2, 2018.

Table B-15 includes the debt service payments due from the six SWP water 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 and adding Municipal Water Quality Investigation program costs to participating SWP water contractors.

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 SWP water contractors down-aqueduct from Devil Canyon Powerplant and Castaic Powerplant.

As part of operating agreements with DWR, Kern County Water Agency (Kern) 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 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 SWP water contractors, which began in 1997.

As a result of the Monterey Amendment, the costs related to this settlement are to be allocated among all SWP water contractors in proportion to their maximum Table A amounts. As costs are incurred, related charges will be included in the SWP water contractors' annual Statements of Charges

**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
<b>Total</b>	<b>3,997,767</b>



as part of the minimum. Between 2002 and 2010, the Monterey Amendment litigation costs recovered from SWP water contractors were \$15.8 million.

*Table B-16B* summarizes annual Off-Aqueduct Power Facility charges allocated to each SWP 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 SWP water contractors in the next year.

*Table 5* summarizes Off-Aqueduct Power Facility charges and credits related to deliveries for 2019. 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 5 Summary of 2019 Off-Aqueduct Power Facility Charges and Credits (in dollars)**

<b>Charges by Item</b>	
Reid Gardner Powerplant	0
Reid Gardner Closure Costs	2,189,599
Bottle Rock Powerplant	73,474
South Geysers Powerplant	0
<i>Subtotal</i>	<i>2,263,073</i>
<b>Credits by Item</b>	
Power Sales	0
<b>Net Total Charge</b>	<b>2,263,073</b>

*Table 6* shows projected Off-Aqueduct Power Facility charges. Defeasance of Off-Aqueduct Power facilities bonds occurred in June 2016, so no debt service charges or bond cover are included. Additionally, Reid Gardner, Unit 4 Powerplant remediation costs are projected for 2020, 2021, and 2022 and then only minor operating costs are projected post-2022.

Annual Off-Aqueduct Power Facility charges are allocated among SWP water 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

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

<b>Year</b>	<b>Total Annual Cost</b>	<b>25 Percent Bond Cover</b>
2020	6,080,821	-
<b>2021</b>	<b>6,650,000</b>	-
2022	10,650,000	-
2023	150,000	-
2024	150,000	-
2025	150,000	-
2026	150,000	-
2027	150,000	-
2028	150,000	-
2029	150,000	-
2030	150,000	-
2031	150,000	-
2032	150,000	-
2033	150,000	-
2034	150,000	-
2035	150,000	-

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 SWP water 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 7 Kilowatt-Hour per Acre-Foot Factors for Allocating Off-Aqueduct Power Facility Costs**

Pumping Plant	kWh per acre-foot <sup>1</sup>	
	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
Citrus	1,240	5,789
Crafton Hills	1,087	6,876
Cherry Valley	224	7,100
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

<sup>1</sup> Includes 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. The following provisions are for calculating the variable OMP&R component of the Transportation Charge.

- An annual charge per acre-foot of projected water deliveries to all SWP water 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 DWR.
- The total annual variable OMP&R component for any SWP water 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 SWP water 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 SWP water 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 SWP water 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 SWP water 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 SWP water 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 SWP water 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 2021 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 SWP water

contractors who have executed the Monterey Amendment. Included in *Table B-20A* is the Delta Water Rate for the two SWP water 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 2021 Delta Water Rate from *Table B-20A*.

*Table B-21* summarizes the annual Delta Water Charge for each SWP water 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 SWP water contractor, as shown in *Table B-4*.

The projected Delta Water Charges through 2035 include the assumption of escalation of projected operating costs at 1.0 percent per year for 2023–2035.

## Water System Revenue Bond Surcharge

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

## Total Water Charges

*Table B-23* summarizes the total annual charges to each SWP water 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 SWP water contractors

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

Year	Las Perillas and											Total			
	Cordelia Napa	Cordelia Solano	Barker Slough	South Bay	Banks	Dos Amigos	Badger Hill	Buena Vista	Teerink	Chrisman	Edmonston		Pearblossom	Oso	
1972	0	0	0	0	0	10,579	24,700	0	0	0	0	0	0	0	35,279
1973	0	0	0	0	0	0	6,016	0	0	0	0	0	0	0	6,016
1974	0	0	0	0	0	0	7,140	0	0	0	0	0	0	0	7,140
1975	0	0	0	0	0	494	6,397	0	0	0	0	0	0	0	6,891
1976	0	0	0	0	0	0	1,981	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
1978	0	0	0	0	0	45,145	3,680	0	0	0	0	0	0	0	48,825
1979	0	0	0	0	0	0	3,306	0	0	0	0	0	0	0	3,306
1980	0	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	0	12,126
1982	0	0	0	0	0	89,339	0	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	0	11,315
1984	0	0	0	2,096	84,396	38,607	7,203	11,173	3,823	3,593	0	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	0	76,878
1986	0	0	0	0	1,864	863	0	291	354	766	2,683	0	0	0	6,821
1987	0	0	0	604	17,129	7,838	835	2,295	1,806	3,460	11,058	0	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	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	0	76,221
1990	45	0	18	343	19,524	9,044	0	150	145	314	643	0	0	0	30,226
1991	903	0	281	0	21	8	0	15	17	39	139	41	0	0	1,464
1992	208	117	203	0	7,070	2,502	0	182	190	435	0	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	0	255,337
1994	0	366	393	679	6,566	2,795	454	1,083	155	357	1,121	0	132	0	14,101
1995	0	0	0	1,717	24,464	9,422	27	1,865	3,475	782	1,104	400	0	0	43,256
1996	4	0	1	1,983	10,031	4,976	0	391	432	1,015	3,404	1,160	0	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	0	595,761
1998	0	0	0	20,966	235,693	106,251	2,354	697	848	1,836	6,426	0	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	0	145,010
2000-															
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>4,290</b>	<b>3,549</b>	<b>5,707</b>	<b>38,457</b>	<b>1,041,323</b>	<b>637,838</b>	<b>70,909</b>	<b>78,719</b>	<b>43,445</b>	<b>67,625</b>	<b>172,056</b>	<b>20,480</b>	<b>132</b>	<b>0</b>	<b>2,184,530</b>



**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	Coachella	Desert	Littlerock	Palmdale	San Gabriel	Santa Clarita <sup>1</sup>	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	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	0	0	0	0	0	485	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	175	0	0	0	12,126
1982	0	0	0	0	0	2,173	0	80,945	0	0	0	4,671	0	0	0	422	1,128	89,339	
1983	0	0	0	0	48	9,511	0	0	1,365	0	0	0	0	0	0	0	391	11,315	
1984	0	0	0	0	2,874	0	0	144,021	281	809	0	0	0	0	0	0	2,906	150,891	
1985	0	0	0	2,029	0	0	64	25,664	0	98	0	48,767	0	0	0	0	256	76,878	
1986	0	0	0	0	0	0	0	0	0	13	2,194	4,614	0	0	0	0	0	6,821	
1987	0	0	229	0	599	313	84	24,141	0	95	0	18,207	0	0	812	0	545	45,025	
1988	892	73	665	561	0	1,853	1,404	58,905	0	72	2,368	44,526	0	0	0	0	627	111,946	
1989	3,478	1,062	96	0	0	13	403	55,085	0	239	8,278	0	0	0	1,035	5,489	0	1,043	76,221
1990	63	0	470	0	0	0	0	28,587	0	0	0	0	0	0	81	1,025	0	0	30,226
1991	1,184	0	0	0	0	0	0	0	0	0	0	0	0	0	280	0	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	24,983	41,156	0	4,856	0	0	255,337
1994	0	759	896	0	0	0	7	9,933	0	0	0	0	0	0	56	0	0	2,450	14,101
1995	0	0	2,353	0	0	10,197	0	28,085	310	0	0	0	0	0	0	2,284	0	27	43,256
1996	5	0	81	2,612	0	334	205	4,552	969	0	7,809	0	0	0	0	3,598	3,232	0	23,397
1997	0	3,932	3,999	0	0	6,190	0	546,733	0	40	0	0	0	0	0	34,867	0	0	595,761
1998	0	0	19,666	8,442	0	22,631	1	312,626	0	651	0	0	0	0	0	11,054	0	0	375,071
1999	0	0	0	0	0	0	0	76,425	0	0	6,922	0	0	0	0	11,576	50,087	0	145,010
2000- 2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>5,893</b>	<b>7,653</b>	<b>34,577</b>	<b>13,644</b>	<b>3,521</b>	<b>55,250</b>	<b>5,974</b>	<b>1,620,176</b>	<b>3,692</b>	<b>2,017</b>	<b>102,158</b>	<b>123,049</b>	<b>24,983</b>	<b>41,156</b>	<b>2,439</b>	<b>74,749</b>	<b>53,741</b>	<b>9,858</b>	<b>2,184,530</b>

<sup>1</sup> Castaic Lake Water Agency's SWP Water Supply Contract was transferred to Santa Clarita Valley Water Agency effective November 2, 2018.

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 SWP water 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 water deliveries are less than the amounts shown in *Table B-4*.

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

The cumulative unit conveyance costs indicated for reaches in *Table B-25* do not necessarily equal the equivalent unit Transportation Charges to SWP water

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 SWP water contractors; however, the unit costs included in *Table B-25* reflect the effect of melding the respective buildups and allocation criteria of all SWP water 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 water 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 East Branch Enlargement. The costs are to be repaid by the seven SWP water contractors participating in the East Branch Enlargement. Currently, this table includes only minimum OMP&R costs attributable to the East Branch Enlargement. In accordance with

**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 and Second Afterbay
26B	Devil Canyon Powerplant Bypass

Reach Number	Share of Enlargement Capacity (cubic feet per second)							Total
	AVEK	Coachella	Desert	Mojave	Palmdale	San Bernardino	Metropolitan	
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

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

Article 49(e)(1), the SWP water 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 SWP water contractors.

Table B-28 shows each participating SWP water 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 SWP water contractor. This component consists of each SWP water 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 SWP water 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 Charge for each participating SWP water 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 are separated into 3 phases: Phase 1 Original, Phase 1 Improvements, and Phase 2. The East Branch Extension costs will be recovered from two SWP water contractors—San Bernardino Valley

Municipal Water District and San Gorgonio Pass Water Agency—in accordance with their amended water supply contracts. The factors for distributing minimum costs are shown in Table 12. Table 11 shows the capital factors and the corresponding debt service, including the 25 percent bond cover, for each of the phases in 2021.

**Table 11 East Branch Extension Facilities Debt Service for 2021**

SWP Water Contractor	Share of Participation (percent)	Total Debt Service Charge (in dollars)
<b>Phase 1 Original</b>		
San Bernardino	45.8417	<b>4,810,186</b>
San Gorgonio	54.1583	<b>5,682,851</b>
<i>Subtotal</i>	<i>100.0000</i>	<b>10,493,037</b>
<b>Phase 1 Improvements</b>		
San Bernardino	63.3410	<b>3,676,206</b>
San Gorgonio	36.6590	<b>2,127,626</b>
<i>Subtotal</i>	<i>100.0000</i>	<b>5,803,832</b>
<b>Phase 2</b>		
San Bernardino	64.4210	<b>12,858,594</b>
San Gorgonio	35.5790	<b>7,101,659</b>
<i>Subtotal</i>	<i>100.0000</i>	<b>19,960,253</b>
<b>Total</b>		<b>36,257,122</b>

## South Bay Aqueduct Enlargement Charges

The South Bay Aqueduct including the enlargement capacity began operations in 2015. The enlargement construction costs are being recovered in full by Alameda County Flood Control and Water Conservation District, Zone 7 (Alameda-Zone 7). Capital charges related to a portion of the enlargement construction costs benefitting off-peak pumping are initially paid by Alameda-Zone 7 to meet the bond resolution and later recovered from SWP water contractors through the transportation variable charge. The off-peak pumping charges originally paid by Alameda-Zone 7

**Table 12 Factors for Distributing Minimum OMP&R Costs of the East Branch Extension Facilities**

<b>For Calendar Year 2012 and Previous Years</b>				
<b>Reach Number</b>	<b>Reach Description</b>	<b>San Bernardino</b>	<b>San Gorgonio</b>	<b>Total</b>
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
2D	Junction, Foothill Pipeline Near Cone Camp Road to Citrus Pump Station	0.777778	0.222222	1.000000
3A	Crafton Hills Pump Station to Crafton Hills Reservoir	0.557330	0.442670	1.000000
3B	Crafton Hills Reservoir to Garden Air Creek	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

<b>For Calendar Year 2013 and Forward</b>				
<b>Reach Number</b>	<b>Reach Description</b>	<b>San Bernardino</b>	<b>San Gorgonio</b>	<b>Total</b>
1	Devil Canyon Powerplant to Junction, Foothill Pipeline near Cone Camp Road	0.81674544	0.18325456	1.00000000
2A	Junction, Foothill Pipeline near Cone Camp Road to Greenspot Pump Station	0.85193106	0.14806894	1.00000000
2B	Greenspot Pump Station to Morton Canyon Valve Vault	0.77144744	0.22855256	1.00000000
2C	Morton Canyon Valve Vault to Crafton Hills Pump Station	0.77144744	0.22855256	1.00000000
2D	Junction, Foothill Pipeline Near Cone Camp Road to Citrus Pump Station	0.76227575	0.23772425	1.00000000
2E*	Citrus Pump Station to Crafton Hills Pump Station	0.73896000	0.26104000	1.00000000
3A	Crafton Hills Pump Station to Crafton Hills Reservoir	0.60766673	0.39233327	1.00000000
3B	Crafton Hills Reservoir to Carter Street Valve Vault	0.58333333	0.41666667	1.00000000
3C*	Carter Street Vault to Garden Air Creek	0.46994300	0.53005700	1.00000000
3D*	Yucaipa Connector Pipeline to Yucaipa Pipeline Tie-In	0.73338500	0.26661500	1.00000000
3E*	Yucaipa Pipeline Tie-In to Carter Street Vault	0.73338500	0.26661500	1.00000000
4A	Garden Air Creek to Cherry Valley Pump Station		1.00000000	1.00000000
4B	Cherry Valley Pump Station to Terminus at Noble Creek		1.00000000	1.00000000

\* Reach designation in Phase II (calendar year 2013 and forward) have been modified to reflect new repayment reaches.

are then returned to Alameda-Zone 7 as a credit in the subsequent year. *Table 13* shows the corresponding debt service for the enlargement project, including the 25 percent bond cover, and the off-peak pumping debt service included in the 2020 Statements of Charges as described above.

Future Bulletin 132 editions will include the finalized minimum and capital cost

**Table 13 South Bay Aqueduct Enlargement Debt Service for 2021**

<b>Project</b>	<b>Total Debt Service Charge (in dollars)</b>
<b>Enlargement</b>	
Alameda-Zone 7	<b>17,144,982</b>
<b>Off-Peak Pumping</b>	<b>1,672,112</b>
<b>Total</b>	<b>18,817,094</b>



distribution factors. The 2018 Statements of Charges (B132-17) began to recover and redistribute the costs of these enlarged facilities using the agreed upon distribution factors.

## Short-term Agreements

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

### Municipal Water Quality Investigations

DWR executed a 5-year agreement in 1997 with 16 municipal and industrial SWP water contractors, who agreed to pay for allocated shares of DWR's Municipal Water Quality Investigations program costs. Additional amendments were executed in 2002, 2006, 2008, 2010, 2014, 2017, and 2019 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 SWP water 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

SWP water contractors have agreed to participate in several Delta improvement programs that started in 2007 and extend into the future.

The first agreement pertains to the Bay Delta Conservation Plan (BDCP), which was 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 SWP water 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 SWP water 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 water 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 water 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 water 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 SWP water contractors as a separate line item in the Statements of Charges.

In 2018, a fifth set of funding agreements for the preconstruction planning costs of the California WaterFix facility was executed between DWR and ten participating SWP water contractors to provide gap funding. Bill years 2018 and 2019 included a total of \$58.4 million, which was billed directly as separate line items in the Statements of Charges and are not reflected in the appendix tables.

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

During 2015 and 2016, SWP water contractors requested DWR enter into agreements for San Joaquin River flow release purchases with Oakdale Irrigation District and South San Joaquin Irrigation District. The 2015 purchases of \$5.75 million and the 2016 purchases of \$13.75 million (\$2 million invoiced in 2017) were included in the 2017 and 2018 Statements of Charges. Additionally, SWP water contractors agreed to purchase up to \$12.5 million of 2018 Oakdale Irrigation District flow releases. This purchase was reflected in each SWP water contractor's 2019 charges with interest at the Project Interest Rate of 4.610.

## **Sites Reservoir**

In 2019, SWP water contractors submitted authorization letters to DWR for participation in the Sites Reservoir Project–Phase 2. The six participating SWP water contractors were billed directly as a separate line item in the 2020 Statements of Charges totaling \$36.4 million, which is not reflected in the appendix tables. Revised 2020 Statements of Charges were sent out in December 2019, removing the line items totaling \$36.4 million previously included in the participating contractors charges for Sites Reservoir Project–Phase 2. DWR did not receive the funding agreements required

to include the project in the participating SWP water contractors' 2020 Statements of Charges.

**TABLE B-1 Factors for Distributing Reach Capital Costs Among Contractors**<sup>1</sup>

Reach No.	Reach Description	Napa	Solano	Alameda-Zone 7	Alameda County	Santa Clara	Future Contractor South Bay	Total
<b>NORTH BAY AQUEDUCT</b>								
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
<b>SOUTH BAY AQUEDUCT</b>								
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
<b>CALIFORNIA AQUEDUCT</b>								
1	Delta through Bethany Reservoir			0.00954737	0.00872917	0.02080118	0.00342507	N/A

Reach No.	Reach Description	San Luis Obispo	Santa Barbara	AVEK	Coachella	Crestline	Desert	Littlerock
<b>CALIFORNIA AQUEDUCT</b>								
1	Delta through Bethany Reservoir	0.00533010	0.00983337	0.02939084	0.00528315	0.00133612	0.00871300	0.00049180
2A	Bethany Reservoir to Orestimba Creek	0.00557213	0.01027988	0.03072531	0.00552068	0.00139620	0.00910474	0.00051413
2B	Orestimba Creek to O'Neill Forebay	0.00557824	0.01029119	0.03075915	0.00552831	0.00139814	0.00911733	0.00051469
3	O'Neill Forebay to Dos Amigos Pumping Plant	0.00557719	0.01028923	0.03075332	0.00552772	0.00139798	0.00911637	0.00051461
4	Dos Amigos Pumping Plant to Panoche Creek	0.00557607	0.01028717	0.03074719	0.00552710	0.00139784	0.00911536	0.00051451
5	Panoche Creek to Five Points	0.00557467	0.01028462	0.03073954	0.00552633	0.00139763	0.00911409	0.00051440
6	Five Points to Arroyo Pasajero	0.00557257	0.01028074	0.03072799	0.00552517	0.00139733	0.00911216	0.00051419
7	Arroyo Pasajero to Kettleman City	0.00557189	0.01027949	0.03072428	0.00552480	0.00139723	0.00911154	0.00051413
8C	Kettleman City through Milham Avenue	0.00557103	0.01027792	0.03071961	0.00552432	0.00139712	0.00911076	0.00051405
8D	Milham Avenue through Avenal Gap	0.00568611	0.01049020	0.03135418	0.00563986	0.00142632	0.00930130	0.00052466
9	Avenal Gap through Twisselman Road			0.03426625	0.00616886	0.00156011	0.01017373	0.00057339
10A	Twisselman Road through Lost Hills			0.03481391	0.00626946	0.00158556	0.01033963	0.00058254
11B	Lost Hills to 7th Standard Road			0.03835043	0.00691699	0.00174933	0.01140749	0.00064171
12D	7th Standard Road through Elk Hills Road			0.04031661	0.00727790	0.00184059	0.01200265	0.00067463
12E	Elk Hills Road through Tupman Road			0.04037074	0.00728878	0.00184332	0.01202059	0.00067553
13B	Tupman Road to Buena Vista Pumping Plant			0.04379882	0.00791595	0.00200194	0.01305492	0.00073290
14A	Buena Vista Pumping Plant through Santiago Creek			0.04599268	0.00831952	0.00210399	0.01372049	0.00076961
14B	Santiago Creek through Old River Road			0.04682530	0.00847388	0.00214303	0.01397505	0.00078354
14C	Old River Road to Wheeler Ridge Pumping Plant			0.04825217	0.00873768	0.00220973	0.01441013	0.00080743
15A	Wheeler Ridge Pumping Plant to Chrisman Pumping Plant			0.04905609	0.00888679	0.00224744	0.01465600	0.00082089
16A	Chrisman Pumping Plant to Edmonston Pumping Plant			0.05089794	0.00922722	0.00233351	0.01521742	0.00085171
17E	Edmonston Pumping Plant to Porter Tunnel			0.05329388	0.00967107	0.00244575	0.01594937	0.00089182
17F	Porter Tunnel to Junction, West Branch, California Aqueduct			0.05340725	0.00969176	0.00245098	0.01598349	0.00089372
18A	Junction, West Branch, California Aqueduct through Alamo Powerplant			0.13238112	0.02399391	0.00606795	0.03957043	0.00221525
19	Alamo Powerplant to Fairmont			0.13237766	0.02399451	0.00606811	0.03957141	0.00221522
19C	Buttes Junction through Buttes Reservoir			1.00000000				
20A	Fairmont through 70th Street West			0.06847931	0.02576425	0.00651573	0.04249001	0.00237800
20B	70th Street West to Palmdale			0.02276024	0.02702917	0.00683555	0.04457607	0.00249470
21	Palmdale to Littlerock Creek			0.02318952	0.02754716	0.00696651	0.04543034	0.00254199
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							
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							
31A	Avenal Gap to Devil's Den Pumping Plant	0.10560301	0.19482503					
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					

<sup>1</sup> 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**<sup>1</sup>

Reach No.	Dudley Ridge	Empire	Future Contractor San Joaquin Valley	Kern		Kings	Oak Flat	Tulare
				Municipal and Industrial	Agricultural			
<b>CALIFORNIA AQUEDUCT</b>								
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.	Mojave	Palmdale	San Bernardino	San Gabriel	San Gorgonio	Santa Clarita <sup>2</sup>	Metropolitan	Ventura	California Aqueduct Total
<b>CALIFORNIA AQUEDUCT</b>									
1	0.01101147	0.00369131	0.02362857	0.00650354	0.00398392	0.01285827	0.43929350	0.00429212	1.00000000
2A	0.01151136	0.00385891	0.02469101	0.00679699	0.00416304	0.01343201	0.45921072	0.00448701	1.00000000
2B	0.01152409	0.00386317	0.02472511	0.00680570	0.00416880	0.01345351	0.45973548	0.00449194	1.00000000
3	0.01152193	0.00386244	0.02472246	0.00680478	0.00416835	0.01345294	0.45965407	0.00449108	1.00000000
4	0.01151965	0.00386167	0.02471968	0.00680380	0.00416787	0.01345233	0.45956848	0.00449019	1.00000000
5	0.01151681	0.00386070	0.02471620	0.00680259	0.00416730	0.01345157	0.45946161	0.00448907	1.00000000
6	0.01151251	0.00385926	0.02471095	0.00680076	0.00416640	0.01345042	0.45929991	0.00448738	1.00000000
7	0.01151113	0.00385879	0.02470927	0.00680016	0.00416612	0.01345006	0.45924807	0.00448685	1.00000000
8C	0.01150938	0.00385821	0.02470716	0.00679941	0.00416576	0.01344960	0.45918261	0.00448616	1.00000000
8D	0.01174718	0.00393793	0.02522383	0.00694100	0.00425288	0.01373353	0.46868533	0.00457883	1.00000000
9	0.01283841	0.00430367	0.02758959	0.00758975	0.00465175	0.01356094	0.51227887	0.00500407	1.00000000
10A	0.01304366	0.00437246	0.02803943	0.00771262	0.00472760	0.01377767	0.52049091	0.00508405	1.00000000
11B	0.01436906	0.00481665	0.03093503	0.00850448	0.00521581	0.01517717	0.57349473	0.00560046	1.00000000
12D	0.01510596	0.00506361	0.03254889	0.00894541	0.00548790	0.01595523	0.60297374	0.00588755	1.00000000
12E	0.01512626	0.00507040	0.03259749	0.00895830	0.00549608	0.01597665	0.60379667	0.00589546	1.00000000
13B	0.01641098	0.00550099	0.03540212	0.00972547	0.00596896	0.01733322	0.65516902	0.00639604	1.00000000
14A	0.01723325	0.00577656	0.03720681	0.01021819	0.00627322	0.01820137	0.68807273	0.00671639	1.00000000
14B	0.01754538	0.00588113	0.03789703	0.01040613	0.00638960	0.01853084	0.70057530	0.00683798	1.00000000
14C	0.01808019	0.00606036	0.03907670	0.01072763	0.00658850	0.01909545	0.72199174	0.00704634	1.00000000
15A	0.01838154	0.00616135	0.03974336	0.01090913	0.00670088	0.01941356	0.73406357	0.00716371	1.00000000
16A	0.01907194	0.00639271	0.04126559	0.01132404	0.00695754	0.02014241	0.76170731	0.00743264	1.00000000
17E	0.01997003	0.00669365	0.04325018	0.01186455	0.00729213	0.02109050	0.79767940	0.00778251	1.00000000
17F	0.02001251	0.00670788	0.04334270	0.01188988	0.00730773	0.02113537	0.79937767	0.00779906	1.00000000
18A	0.04960424	0.01662680	0.10730448	0.02944860	0.01809192		0.57469530		1.00000000
19	0.04960300	0.01662640	0.10730707	0.02944876	0.01809230		0.57469556		1.00000000
19C									1.00000000
20A	0.05324853	0.01784830	0.11522152	0.03161798	0.01942666		0.61700971		1.00000000
20B	0.05586076	0.01872390	0.12087843	0.03316986	0.02038045		0.64729087		1.00000000
21	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						0.03544337	0.95147783	0.01307880	1.00000000
29F						0.03544339	0.95147785	0.01307876	1.00000000
29G						0.03544339	0.95147785	0.01307876	1.00000000
29H						0.02817144	0.96278381	0.00904475	1.00000000
29J						0.03544338	0.95147787	0.01307875	1.00000000
30						0.02927284	0.96212388	0.00860328	1.00000000
31A						0.07364766			1.00000000
33A									1.00000000
33B									1.00000000
34									1.00000000
35									1.00000000

<sup>1</sup> Proportionate use factors do not reflect permanent water transfers as a result of the Monterey Amendment and after.

<sup>2</sup> Castaic Lake Water Agency's SWP Water Supply Contract was transferred to Santa Clarita Valley Water Agency effective November 2, 2018.

**TABLE B-2 Factors for Distributing Reach Minimum OMP&R Costs Among Contractors**<sup>1</sup>

Reach No.	Reach Description	Napa	Solano	Alameda-Zone 7 <sup>2</sup>	Alameda County	Santa Clara	Future South Bay Contractor	Total
<b>NORTH BAY AQUEDUCT</b>								
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
<b>SOUTH BAY AQUEDUCT<sup>2</sup></b>								
1	Bethany Reservoir through Altamont Turnout			0.42946876	0.16864923	0.40188201	0.00000000	1.00000000
2	Altamont Turnout through Patterson Reservoir			0.39618910	0.17848805	0.42532285	0.00000000	1.00000000
4	Patterson Reservoir to Del Valle Junction			0.37257554	0.18546748	0.44195698	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			0.28280545	0.21144710	0.50574745	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
<b>CALIFORNIA AQUEDUCT</b>								
1	Delta through Bethany Reservoir				0.00870517	0.02074403		N/A

Reach No.	Reach Description	San Luis Obispo	Santa Barbara	AVEK	Coachella	Crestline	Desert	Littlerock
<b>CALIFORNIA AQUEDUCT</b>								
1	Delta through Bethany Reservoir	0.00531721	0.00980965	0.03130290	0.03261149	0.00133220	0.01285625	0.00049034
2A	Bethany Reservoir to Orestimba Creek	0.00556969	0.01027545	0.03278363	0.03414192	0.00139484	0.01346023	0.00051362
2B	Orestimba Creek to O'Neill Forebay	0.00557579	0.01028673	0.03282317	0.03419082	0.00139677	0.01347910	0.00051418
3	O'Neill Forebay to Dos Amigos Pumping Plant	0.00557472	0.01028476	0.03281798	0.03418767	0.00139663	0.01347773	0.00051409
4	Dos Amigos Pumping Plant to Panoche Creek	0.00557360	0.01028270	0.03281253	0.03418436	0.00139648	0.01347630	0.00051400
5	Panoche Creek to Five Points	0.00557222	0.01028014	0.03280571	0.03418023	0.00139630	0.01347451	0.00051388
6	Five Points to Arroyo Pasajero	0.00557012	0.01027626	0.03279539	0.03417401	0.00139599	0.01347180	0.00051368
7	Arroyo Pasajero to Kettleman City	0.00556944	0.01027501	0.03279208	0.03417200	0.00139589	0.01347093	0.00051361
8C	Kettleman City through Milham Avenue	0.00551362	0.01017203	0.03245544	0.03380385	0.00138102	0.01332672	0.00050847
8D	Milham Avenue through Avenal Gap	0.00562578	0.01037893	0.03311858	0.03450099	0.00140943	0.01360122	0.00051880
9	Avenal Gap through Twisselman Road			0.03487590	0.03506593	0.00151577	0.01430879	0.00055739
10A	Twisselman Road through Lost Hills			0.03541492	0.03560973	0.00153966	0.01453292	0.00056600
11B	Lost Hills to 7th Standard Road			0.03876599	0.03898858	0.00168766	0.01592313	0.00061955
12D	7th Standard Road through Elk Hills Road			0.04062326	0.04086218	0.00176990	0.01669509	0.00064922
12E	Elk Hills Road through Tupman Road			0.04067436	0.04091461	0.00177239	0.01671773	0.00065006
13B	Tupman Road to Buena Vista Pumping Plant			0.04396863	0.04423547	0.00191768	0.01808321	0.00070269
14A	Buena Vista Pumping Plant through Santiago Creek			0.04605876	0.04634448	0.00201035	0.01895277	0.00073611
14B	Santiago Creek through Old River Road			0.04670791	0.04700238	0.00203984	0.01922748	0.00074647
14C	Old River Road to Wheeler Ridge Pumping Plant			0.04788751	0.04819483	0.00209269	0.01972179	0.00076533
15A	Wheeler Ridge Pumping Plant to Chrisman Pumping Plant			0.04857809	0.04889274	0.00212358	0.02001090	0.00077637
16A	Chrisman Pumping Plant to Edmonston Pumping Plant			0.05017462	0.05050488	0.00219467	0.02067706	0.00080191
17E	Edmonston Pumping Plant to Porter Tunnel			0.05215958	0.05250984	0.00228321	0.02150622	0.00083365
17F	Porter Tunnel to Junction, West Branch, California Aqueduct			0.05226294	0.05261398	0.00228776	0.02154897	0.00083530
18A	Junction, West Branch, California Aqueduct through Alamo Powerplant			0.13774725	0.11306511	0.00603056	0.05137695	0.00220155
19	Alamo Powerplant to Fairmont			0.13774370	0.11306344	0.00603069	0.05137766	0.00220151
19C	Buttes Junction through Buttes Reservoir			1.00000000				
20A	Fairmont through 70th Street West			0.06855702	0.12212506	0.00651522	0.05550243	0.00237787
20B	70th Street West to Palmdale			0.02284441	0.12811683	0.00683511	0.05822670	0.00249455
21	Palmdale to Littlerock Creek			0.02327543	0.13055246	0.00696606	0.05933989	0.00254183
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				
29F	Oso Pumping Plant through Quail Embankment			0.00296796				
29G	Quail Embankment through Warne Powerplant							
29H	Pyramid Dam and Lake							
29J	Pyramid Lake through Castaic Powerplant							
30	Castaic Dam and Lake							
31A	Avenal Gap to Devil's Den Pumping Plant	0.10542164	0.19449108		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					

<sup>1</sup> Proportionate use factors apply to 2021, and reflect permanent capacity water transfers that have been signed as of February 1, 2020.

<sup>2</sup> South Bay Aqueduct factors reflect enlargement capacities for Alameda County Flood Control and Water Conservation District, Zone 7. These factors are applicable for years 2015 and forward.

**TABLE B-2 Factors for Distributing Reach Minimum OMP&R Costs Among Contractors**<sup>1</sup>

Reach No.	Napa	Solano	Alameda-Zone 7	Dudley Ridge	Empire	Future Contractor San Joaquin Valley	Kern		Kings	Oak Flat	Tulare
							Municipal and Industrial	Agricultural			
<b>CALIFORNIA AQUEDUCT</b>											
1	0.00101482	0.00145893	0.02319901	0.01349570	0.00088461	0.00254078	0.02734537	0.27096661	0.00247148	0.00166714	0.02580275
2A	0.00106145	0.00152588	0.00868251	0.01410081	0.00092428	0.00266143	0.02862280	0.28310507	0.00258398	0.00174185	0.02695974
2B	0.00106360	0.00152903	0.00869820	0.01413883	0.00092676	0.00266435	0.02866750	0.28387568	0.00258988		0.02703241
3	0.00106370	0.00152918	0.00869836	0.01414278	0.00092702	0.00266383	0.02866595	0.28395699	0.00259028		0.02703994
4	0.00106379	0.00152932	0.00869852	0.01414692	0.00092729	0.00266329	0.02866433	0.28404246	0.00259072		0.02704786
5	0.00106390	0.00152950	0.00869873	0.01415210	0.00092763	0.00266262	0.02866229	0.28414920	0.00259125		0.02705775
6	0.00106409	0.00152978	0.00869906	0.01415993	0.00092814	0.00266161	0.02865922	0.28431071	0.00259206		0.02707272
7	0.00106415	0.00152988	0.00869918	0.01416245	0.00092832	0.00266127	0.02865823	0.28436250	0.00259232		0.02707752
8C	0.00105126	0.00151126	0.00859811	0.01396988	0.00091570	0.00263462	0.02834121	0.28048000	0.00255949		0.02670939
8D	0.00107347	0.00154323	0.00877815	0.01427284		0.00268820	0.02892875	0.28656839	0.00165698		0.00825002
9	0.00079077	0.00109117	0.00779026				0.03113088	0.28994559			
10A	0.00080367	0.00110880	0.00791534				0.03162743	0.27881661			
11B	0.00064367	0.00094254	0.00351060				0.03469801	0.21548493			
12D							0.03640750	0.18286854			
12E							0.03646180	0.18175865			
13B							0.01396780	0.14042247			
14A							0.00592355	0.10802055			
14B							0.00601264	0.09940480			
14C							0.00617095	0.07838713			
15A							0.00626342	0.06492276			
16A							0.00647554	0.03387634			
17E							0.00198233				
31A	0.00628695	0.00977801	0.02617705			0.05037550		0.36716813	0.00176551		

Reach No.	Mojave	Palmdale	San Bernardino	San Gabriel	San Geronio	Santa Clarita <sup>2</sup>	Metroplitan	Ventura	California Aqueduct Total
<b>CALIFORNIA AQUEDUCT</b>									
1	0.02235967	0.00458372	0.02355927	0.00648440	0.00397223	0.02543294	0.41531378	0.00427755	1.00000000
2A	0.02339345	0.00480082	0.02466697	0.00679035	0.00415899	0.02659606	0.43500352	0.00448066	1.00000000
2B	0.02343677	0.00480645	0.02470097	0.00679904	0.00416471	0.02665338	0.43550031	0.00448557	1.00000000
3	0.02343752	0.00480564	0.02469831	0.00679811	0.00416426	0.02665660	0.43542322	0.00448473	1.00000000
4	0.02343829	0.00480480	0.02469552	0.00679714	0.00416380	0.02665996	0.43534219	0.00448383	1.00000000
5	0.02343927	0.00480373	0.02469202	0.00679592	0.00416322	0.02666418	0.43524098	0.00448272	1.00000000
6	0.02344072	0.00480212	0.02468675	0.00679407	0.00416233	0.02667055	0.43508787	0.00448102	1.00000000
7	0.02344119	0.00480162	0.02468505	0.00679346	0.00416205	0.02667259	0.43503878	0.00448048	1.00000000
8C	0.02316660	0.00475269	0.02442207	0.00672261	0.00411770	0.02634212	0.44210856	0.00443558	1.00000000
8D	0.02365255	0.00484967	0.02492461	0.00686039	0.00420245	0.02690139	0.45116937	0.00452581	1.00000000
9	0.02151929	0.00521180	0.02680496	0.00737540	0.00451947	0.02759444	0.48503968	0.00486251	1.00000000
10A	0.02185034	0.00529275	0.02722726	0.00749079	0.00459067	0.02804585	0.49262963	0.00493763	1.00000000
11B	0.02391004	0.00579559	0.02984414	0.00820674	0.00503189	0.03082566	0.53971652	0.00540476	1.00000000
12D	0.02505081	0.00599111	0.03129850	0.00860427	0.00527709	0.03237873	0.56586015	0.00566365	1.00000000
12E	0.02508148	0.00599865	0.03134228	0.00861586	0.00528449	0.03243323	0.56662365	0.00567076	1.00000000
13B	0.02710686	0.00648455	0.03391167	0.00931912	0.00571769	0.03515621	0.61287595	0.00613000	1.00000000
14A	0.02839029	0.00679287	0.03555047	0.00976684	0.00599398	0.03671535	0.64232226	0.00642137	1.00000000
14B	0.02878644	0.00688867	0.03607197	0.00990811	0.00608189	0.03299597	0.65161359	0.00651184	1.00000000
14C	0.02950887	0.00706269	0.03700648	0.01016250	0.00623945	0.03177926	0.66834427	0.00667625	1.00000000
15A	0.02993197	0.00716455	0.03755281	0.01031130	0.00633155	0.03223745	0.67812999	0.00677252	1.00000000
16A	0.03091124	0.00740007	0.03880992	0.01065425	0.00654351	0.03329671	0.70068423	0.00699505	1.00000000
17E	0.03212830	0.00769290	0.04037534	0.01108105	0.00680742	0.03461371	0.72875471	0.00727174	1.00000000
17F	0.03219190	0.00770814	0.04045569	0.01110307	0.00682097	0.03468230	0.73020283	0.00728615	1.00000000
18A	0.04929713	0.01652427	0.10664131	0.02926634	0.01798005		0.46986948		1.00000000
19	0.04929585	0.01652388	0.10664396	0.02926656	0.01798044		0.46987231		1.00000000
19C									1.00000000
20A	0.05324421	0.01784728	0.11521174	0.03161525	0.01942494		0.50757898		1.00000000
20B	0.05585607	0.01872278	0.12086783	0.03316690	0.02037859		0.53249023		1.00000000
21	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							0.60057777		1.00000000
28H							0.63302763		1.00000000
28J							0.63302828		1.00000000
29A						0.05726734	0.92702291	0.01274255	1.00000000
29F						0.05726649	0.92702302	0.01274253	1.00000000
29G						0.05742327	0.92979606	0.01278067	1.00000000
29H						0.03349572	0.95753173	0.00897255	1.00000000
29J						0.05740996	0.92980918	0.01278086	1.00000000
30						0.03248607	0.95895422	0.00855971	1.00000000
31A	0.09301782					0.07351496			1.00000000
33A									1.00000000
33B									1.00000000
34									1.00000000
35									1.00000000

<sup>1</sup> Proportionate use factors apply to 2021 and reflect permanent capacity water transfers that have been signed as of February 1, 2020.

<sup>2</sup> Catastic Lake Water Agency's SWP Water Supply Contract was transferred to Santa Clarita Valley Water Agency effective November 2, 2018.

**TABLE B-3 Power Costs and Credits, Transmission Costs and Annual Replacement Deposits for Each Aqueduct Pumping and Power Recovery Plant<sup>1</sup> (in dollars)**

Sheet 1 of 3

Calendar Year	NORTH BAY AQUEDUCT			SOUTH BAY AQUEDUCT	CALIFORNIA AQUEDUCT			
	Reach 1	Reach 3A	Reach 3B	Reach 1 <sup>*</sup>	Reach 1	Reach 4	Reach 14A	Reach 15A
	Barker Slough Pumping Plant	Cordelia Pumping Plant Solano	Cordelia Pumping Plant Napa <sup>2</sup>	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	36,054	26,104	11,921	521,799	6,462,089	2,482,790	1,749,495	1,508,344
2000	60,770	42,270	15,522	738,749	8,139,852	3,158,037	3,023,609	3,191,600
2001	370,971	247,499	211,786	4,203,321	27,319,774	10,577,923	14,853,220	15,739,675
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	291,653	148,222	149,332	2,796,466	33,843,372	12,777,130	11,868,461	12,642,244
2006	242,154	117,460	148,345	2,568,839	24,339,547	10,548,227	11,560,760	12,365,249
2007	462,282	228,703	257,649	4,821,272	23,723,747	11,700,558	17,533,146	19,017,896
2008	430,968	196,012	308,003	3,431,443	14,724,510	6,683,865	11,681,734	13,417,359
2009	221,737	103,297	164,960	2,502,260	13,817,379	4,321,527	7,111,173	7,918,654
2010	265,310	112,275	219,598	2,505,650	27,496,067	9,982,260	11,242,799	11,838,347
2011	275,556	115,853	232,342	3,360,022	40,345,447	15,490,865	14,791,387	15,502,466
2012	268,876	119,755	188,049	3,669,585	23,718,573	12,244,296	14,182,610	14,515,920
2013	442,871	206,271	329,682	5,239,983	22,948,225	9,508,627	13,263,175	13,678,767
2014	490,522	185,664	478,305	4,499,338	18,515,305	4,795,725	8,620,766	8,976,306
2015	393,929	241,043	364,189	5,351,140	16,683,160	6,200,710	10,649,282	12,031,281
2016	283,041	159,315	265,349	4,689,684	38,238,739	12,514,225	16,718,094	18,121,865
2017	311,138	185,614	201,156	3,354,792	47,656,997	22,833,163	24,626,050	25,957,005
2018	533,094	310,891	339,231	5,508,728	31,441,813	11,742,558	15,295,701	15,798,709
2019	480,934	265,981	337,984	2,884,088	43,170,885	17,708,372	18,976,942	20,071,027
2020	612,746	179,016	483,937	6,465,027	18,708,270	7,051,762	12,718,536	13,446,418
<b>2021</b>	<b>646,467</b>	<b>0</b>	<b>616,971</b>	<b>6,330,569</b>	<b>43,709,243</b>	<b>17,213,256</b>	<b>21,337,804</b>	<b>21,482,508</b>
2022	661,953	0	631,750	6,265,898	46,187,667	19,223,890	25,116,370	25,605,214
2023	609,349	0	398,982	5,977,575	47,465,206	19,055,034	24,031,800	24,775,658
2024	614,127	0	402,110	6,038,574	40,582,848	19,038,587	23,926,473	24,651,318
2025	620,032	0	405,977	6,096,645	40,057,981	19,221,673	24,156,563	24,888,378
2026	619,788	0	405,817	6,094,246	41,966,690	19,214,110	24,147,058	24,878,586
2027	620,538	0	406,308	6,101,617	31,253,023	19,237,349	24,176,264	24,908,677
2028	619,115	0	405,376	6,087,619	50,731,135	19,193,218	24,120,802	24,851,535
2029	619,929	0	405,909	6,095,630	41,838,756	19,218,474	24,152,542	24,884,236
2030	619,921	0	405,904	6,095,553	40,880,916	19,218,233	24,152,240	24,883,924
2031	619,871	0	405,871	6,104,956	41,675,068	19,216,654	24,150,256	24,881,880
2032	619,941	0	405,917	6,095,743	38,498,993	19,218,831	24,152,991	24,884,699
2033	620,379	0	406,204	6,100,055	36,228,280	19,232,426	24,170,076	24,902,301
2034	619,029	0	405,320	6,086,778	51,475,965	19,190,564	24,117,467	24,848,099
2035	620,780	0	406,466	6,103,996	28,554,079	19,244,851	24,185,691	24,918,389
<b>TOTAL</b>	<b>16,670,781</b>	<b>3,829,153</b>	<b>11,969,146</b>	<b>185,350,237</b>	<b>1,267,705,540</b>	<b>545,710,611</b>	<b>670,959,124</b>	<b>698,867,654</b>

<sup>1</sup> Starting with 2005, transmission costs that vary and depend on power usage are included, therefore recovered through the variable component.

<sup>2</sup> Power costs for the period 1968 through 1987 are for an interim facility.

<sup>\*</sup> 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<sup>1</sup> (in dollars)**

Sheet 2 of 3

Calendar Year	CALIFORNIA AQUEDUCT (continued)							
	Reach 16A	Reach 17E	Reach 18A	Reach 22B	Reach 23	Reach 26A	Reach 2B (EBX)	Reach 2E (EBX)
	Chrisman Pumping Plant	Edmonston Pumping Plant	Alamo Powerplant	Pearblossom Pumping Plant	Mojave Siphon Powerplant	Devil Canyon Powerplant	Greenspot Pump Station	Citrus Pumping 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	3,755,592	14,466,419	(2,980,122)	1,910,542	(2,587,958)	(15,232,207)	0	0
2000	7,198,298	25,885,224	(5,123,988)	3,787,674	(4,402,610)	(25,758,437)	0	0
2001	35,022,118	127,851,427	(3,383,762)	18,669,512	(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	0
2005	27,903,257	98,001,353	(5,880,165)	17,491,390	(6,454,740)	(28,818,797)	69,675	0
2006	27,031,692	85,162,213	(4,091,143)	15,897,803	(6,391,206)	(34,897,387)	123,850	0
2007	41,500,147	139,024,950	(3,029,048)	19,299,268	(5,896,486)	(28,814,592)	249,356	0
2008	26,303,550	82,319,716	(3,426,928)	10,848,292	(3,300,797)	(16,968,293)	243,120	0
2009	16,505,608	75,455,178	(3,266,008)	9,232,658	(2,288,833)	(13,842,660)	360,468	0
2010	26,188,035	95,967,889	(5,115,083)	16,896,385	(5,653,201)	(24,769,829)	313,518	0
2011	33,898,542	118,678,644	(6,536,645)	23,343,392	(7,792,422)	(32,285,174)	371,784	0
2012	32,006,954	111,758,355	(2,492,869)	16,862,107	(8,905,115)	(23,525,846)	436,935	0
2013	29,886,253	105,217,112	(2,081,221)	12,238,125	(4,915,165)	(14,305,918)	460,795	0
2014	19,719,066	68,276,577	(1,786,122)	7,199,676	(1,465,644)	(5,391,598)	317,659	0
2015	26,670,261	94,909,655	(2,289,717)	9,270,446	(2,103,231)	(6,675,218)	345,261	0
2016	39,961,379	143,096,047	(7,801,980)	24,272,460	(8,723,634)	(21,862,397)	705,640	0
2017	56,762,351	205,997,554	(14,494,695)	40,178,031	(21,279,891)	(37,337,924)	371,493	1,052,912
2018	34,883,943	124,417,575	(5,755,465)	21,493,523	(6,979,417)	(19,682,937)	7,853	1,211,629
2019	43,776,465	157,386,663	(6,884,861)	32,525,880	(12,556,957)	(31,124,021)	154,278	1,540,352
2020	28,827,979	103,738,870	(5,262,361)	15,071,033	(5,846,711)	(10,254,003)	0	288,517
<b>2021</b>	<b>48,466,428</b>	<b>176,602,925</b>	<b>(12,839,299)</b>	<b>33,131,323</b>	<b>(17,550,825)</b>	<b>(27,373,482)</b>	<b>0</b>	<b>637,516</b>
2022	58,050,110	212,340,438	(12,732,590)	32,356,909	(17,352,628)	(27,060,816)	0	577,117
2023	56,475,997	206,242,176	(11,592,015)	29,540,981	(14,469,310)	(22,628,410)	0	598,306
2024	56,179,750	205,110,263	(11,587,032)	29,772,582	(14,469,310)	(22,628,410)	0	602,997
2025	56,720,005	207,082,712	(11,587,032)	30,058,891	(14,469,311)	(22,628,411)	0	608,796
2026	56,697,688	207,001,234	(11,587,032)	30,047,064	(14,469,311)	(22,628,411)	0	608,556
2027	56,766,263	207,251,599	(11,587,032)	30,083,405	(14,469,310)	(22,628,410)	0	609,292
2028	56,636,038	206,776,152	(11,587,032)	30,014,393	(14,469,310)	(22,628,410)	0	607,894
2029	56,710,565	207,048,248	(11,587,032)	30,053,889	(14,469,310)	(22,628,410)	0	608,694
2030	56,709,854	207,045,652	(11,587,032)	30,053,511	(14,469,310)	(22,628,410)	0	608,687
2031	56,705,196	207,028,647	(11,587,032)	30,051,043	(14,469,311)	(22,628,411)	0	608,637
2032	56,711,618	207,052,093	(11,587,032)	30,054,446	(14,469,310)	(22,628,410)	0	608,706
2033	56,751,734	207,198,555	(11,587,032)	30,075,706	(14,469,310)	(22,628,410)	0	609,136
2034	56,628,208	206,747,565	(11,587,032)	30,010,243	(14,469,310)	(22,628,410)	0	607,810
2035	56,788,399	207,332,417	(11,587,032)	30,095,137	(14,469,310)	(22,628,410)	0	609,530
<b>TOTAL</b>	<b>1,557,494,967</b>	<b>5,611,534,708</b>	<b>(297,474,738)</b>	<b>856,494,608</b>	<b>(368,039,238)</b>	<b>(1,047,324,021)</b>	<b>4,610,240</b>	<b>13,205,085</b>

<sup>1</sup> 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<sup>1</sup> (in dollars)**

Calendar Year	CALIFORNIA AQUEDUCT (continued)							Grand Total
	Reach 3A (EBX)	Reach 4B (EBX)	Reach 29A	Reach 29G	Reach 29J	Reach 31A	Reach 33A	
	Crafton Hills Pumping Station	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	
	[17]	[18]	[19]	[20]	[21]	[22]	[23]	[24]
1961	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	36,771
1963	0	0	0	0	0	0	0	55,654
1964	0	0	0	0	0	0	0	73,240
1965	0	0	0	0	0	0	0	137,665
1966	0	0	0	0	0	0	0	186,064
1967	0	0	0	0	0	0	0	231,968
1968	0	0	0	0	0	118,676	0	1,117,913
1969	0	0	0	0	0	78,350	0	773,646
1970	0	0	0	0	0	136,429	0	1,103,798
1971	0	0	0	0	0	166,296	0	1,476,135
1972	0	0	79,315	0	(211,144)	212,938	0	3,073,359
1973	0	0	122,787	0	(1,057,564)	114,897	0	2,934,059
1974	0	0	157,511	0	(1,547,884)	111,442	0	3,683,880
1975	0	0	314,636	0	(2,455,461)	88,451	0	5,817,780
1976	0	0	326,967	0	(2,827,557)	139,279	0	8,211,705
1977	0	0	75,335	0	(3,734,462)	63,079	0	886,421
1978	0	0	89,383	0	(1,542,479)	176,153	0	7,272,153
1979	0	0	102,584	0	(2,776,030)	188,881	0	9,599,576
1980	0	0	236,768	0	(3,415,486)	168,458	0	10,419,251
1981	0	0	444,280	0	(2,834,322)	169,177	0	17,563,899
1982	0	0	539,245	(783,626)	(3,463,971)	168,390	0	13,477,272
1983	0	0	214,069	(1,488,439)	(6,649,718)	17,920	0	(7,452,864)
1984	0	0	484,239	(4,088,209)	(4,710,802)	112,679	0	(4,159,491)
1985	0	0	874,069	(5,930,176)	(15,698,638)	146,843	0	(9,861,182)
1986	0	0	1,269,590	(5,579,301)	(11,072,448)	297,886	0	11,622,736
1987	0	0	1,355,533	(6,445,265)	(11,726,458)	245,082	0	6,701,444
1988	0	0	1,515,349	(7,457,050)	(13,026,992)	214,519	0	6,239,207
1989	0	0	2,156,915	(8,822,367)	(15,535,849)	282,180	0	24,585,082
1990	0	0	2,913,030	(11,225,401)	(20,510,539)	416,832	0	48,154,174
1991	0	0	576,721	(3,882,595)	(6,579,194)	3,610	0	2,462,222
1992	0	0	829,862	(6,369,339)	(10,976,538)	101,665	0	(5,509,968)
1993	0	0	70,836	(4,665,393)	(9,531,404)	(111,306)	0	(24,907,973)
1994	0	0	1,503,796	(7,249,239)	(13,126,331)	206,086	(1,127)	13,499,083
1995	0	0	247,869	(1,934,202)	(4,049,615)	243,434	0	(142,957)
1996	0	0	895,929	(4,248,531)	(8,457,232)	296,170	0	15,870,542
1997	0	0	902,690	(4,824,488)	(8,776,260)	298,483	208,816	14,336,879
1998	0	0	(67,399)	(1,811,154)	(4,644,120)	(55,491)	(92,902)	(24,405,948)
1999	0	0	757,085	(5,831,573)	(9,811,777)	170,445	241,369	(2,343,588)
2000	0	0	1,307,386	(10,161,472)	(17,729,381)	228,532	378,042	(6,020,323)
2001	0	0	6,412,531	(7,918,467)	(13,370,061)	1,061,695	2,140,040	216,231,944
2002	0	0	4,246,409	(11,349,183)	(19,513,997)	547,531	1,344,783	94,808,314
2003	0	0	4,642,103	(10,436,535)	(17,134,431)	637,936	1,538,955	134,765,827
2004	68,914	7,290	5,682,375	(12,281,228)	(21,354,179)	675,724	1,804,179	149,713,081
2005	49,010	2,548	3,712,885	(7,106,531)	(13,339,416)	859,917	1,753,288	162,760,553
2006	144,846	16,318	2,767,050	(7,208,025)	(12,042,760)	870,640	1,547,938	130,822,412
2007	257,067	11,196	7,605,070	(11,444,524)	(21,845,299)	1,344,581	2,350,998	218,357,935
2008	327,206	7,446	4,778,592	(7,762,363)	(14,997,326)	1,168,629	1,735,140	132,149,878
2009	391,371	7,530	4,625,473	(6,997,502)	(15,725,766)	711,010	1,018,796	102,348,312
2010	431,030	19,506	3,835,535	(6,643,531)	(11,641,405)	939,577	1,507,158	155,937,888
2011	499,615	33,108	3,568,564	(5,996,974)	(10,892,193)	1,149,892	2,173,461	210,327,529
2012	533,579	48,171	5,510,580	(8,863,057)	(15,797,149)	1,041,736	2,019,898	179,541,943
2013	557,947	36,868	6,767,052	(9,189,037)	(15,851,695)	1,447,274	2,073,468	177,959,459
2014	440,998	16,594	4,838,287	(4,376,621)	(7,912,327)	1,678,114	2,547,742	130,564,331
2015	461,141	15,152	7,368,826	(6,599,051)	(11,183,098)	1,696,668	2,009,646	165,811,474
2016	781,683	49,119	6,588,412	(7,078,001)	(12,085,744)	1,623,737	3,143,145	253,660,177
2017	1,237,740	86,294	6,612,633	(7,354,995)	(12,930,250)	1,695,744	3,152,853	348,875,766
2018	956,707	43,801	5,258,762	(5,753,362)	(10,120,900)	2,037,590	3,708,929	226,698,957
2019	1,055,578	52,603	4,584,612	(5,121,274)	(8,967,375)	1,796,316	2,463,871	284,578,343
2020	365,388	57,173	5,597,236	(4,644,103)	(7,596,027)	1,713,839	1,709,948	183,432,490
<b>2021</b>	<b>561,082</b>	<b>95,584</b>	<b>6,019,153</b>	<b>(6,320,501)</b>	<b>(9,701,434)</b>	<b>1,692,590</b>	<b>4,522,763</b>	<b>309,280,641</b>
2022	507,977	86,201	10,538,678	(10,165,318)	(17,274,321)	1,667,758	4,457,437	359,689,694
2023	525,967	93,438	9,846,372	(9,247,256)	(14,055,098)	666,465	5,786,119	360,097,335
2024	530,090	94,171	9,599,549	(8,955,874)	(14,055,099)	673,043	5,836,618	351,957,375
2025	535,188	95,076	9,691,863	(8,955,042)	(14,055,099)	679,316	5,892,746	355,116,947
2026	534,978	95,039	9,688,050	(8,955,042)	(14,055,099)	679,088	5,890,428	356,873,525
2027	535,625	95,154	9,699,768	(8,955,042)	(14,055,099)	679,878	5,897,552	346,627,419
2028	534,396	94,936	9,677,516	(8,955,874)	(14,055,098)	677,654	5,884,023	365,216,078
2029	535,099	95,061	9,690,250	(8,955,041)	(14,055,098)	679,187	5,891,766	356,833,344
2030	535,092	95,059	9,690,129	(8,955,042)	(14,055,099)	679,276	5,891,692	355,870,750
2031	535,048	95,052	9,689,333	(8,955,042)	(14,055,099)	679,139	5,891,208	356,642,964
2032	535,109	95,062	9,690,430	(8,955,874)	(14,055,099)	679,270	5,891,875	353,499,999
2033	535,487	95,130	9,697,285	(8,955,042)	(14,055,099)	679,714	5,896,043	351,503,618
2034	534,322	94,923	9,676,178	(8,955,041)	(14,055,098)	677,443	5,883,210	365,908,233
2035	535,833	95,191	9,703,550	(8,955,041)	(14,055,098)	680,119	5,899,852	344,079,389
<b>TOTAL</b>	<b>16,571,113</b>	<b>1,925,794</b>	<b>267,897,469</b>	<b>(390,118,256)</b>	<b>(702,473,091)</b>	<b>42,084,556</b>	<b>127,891,767</b>	<b>9,095,343,208</b>

<sup>1</sup> 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)**

Calendar Year	NORTH BAY AREA			SOUTH BAY AREA <sup>1</sup>				CENTRAL COASTAL AREA		
	Napa <sup>2</sup>	Solano	Total	Alameda-Zone 7	Alameda County	Santa Clara	Total	San Luis Obispo	Santa Barbara	Total
1962	[1] 0	[2] 0	[3] 0	[4] 0	[5] 0	[6] 0	[7] 0	[8] 0	[9] 0	[10] 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
<b>2021</b>	<b>29,025</b>	<b>47,756</b>	<b>76,781</b>	<b>80,619</b>	<b>42,000</b>	<b>100,000</b>	<b>222,619</b>	<b>25,000</b>	<b>45,486</b>	<b>70,486</b>
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
<b>TOTAL</b>	<b>1,080,965</b>	<b>2,049,856</b>	<b>3,130,821</b>	<b>3,720,815</b>	<b>2,459,248</b>	<b>6,510,783</b>	<b>12,690,846</b>	<b>1,189,430</b>	<b>2,218,494</b>	<b>3,407,924</b>

<sup>1</sup> 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.

<sup>2</sup> 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								
	Dudley Ridge	Empire	Kern			Kings	Oak Flat	Tulare	Total
			Municipal and Industrial	Agricultural	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
<b>TOTAL</b>	<b>3,008,632</b>	<b>199,000</b>	<b>7,693,900</b>	<b>51,855,303</b>	<b>59,549,203</b>	<b>403,050</b>	<b>352,822</b>	<b>5,959,901</b>	<b>69,472,608</b>

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

Calendar Year	SOUTHERN CALIFORNIA AREA									
	AVEK	Coachella	Crestline	Desert	Littlerock	Mojave	Palmdale	San Bernardino	San Gabriel	San Geronio
1962	[20] 0	[21] 0	[22] 0	[23] 0	[24] 0	[25] 0	[26] 0	[27] 0	[28] 0	[29] 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	20,000	5,200	526	8,000	170	8,400	1,620	1,677	122	0
1973	25,000	5,800	870	9,000	290	10,700	2,940	48,000	11,500	0
1974	30,000	6,400	1,160	10,000	400	13,100	4,260	50,000	12,300	0
1975	35,000	7,000	1,450	11,000	520	15,400	5,580	52,500	13,100	0
1976	44,000	7,600	1,740	12,000	640	17,800	6,900	55,000	14,000	0
1977	50,000	8,421	2,030	13,000	730	20,200	8,220	57,500	14,800	0
1978	57,000	9,242	2,320	14,000	920	0	9,340	60,000	15,700	0
1979	63,000	10,063	2,610	15,000	1,040	24,900	10,260	62,500	16,600	0
1980	69,200	10,884	2,900	17,000	1,150	27,200	11,180	65,500	17,400	6,800
1981	75,000	12,105	3,190	19,000	1,270	23,100	11,700	68,500	18,300	7,800
1982	81,300	13,326	3,480	21,000	1,380	22,843	12,320	71,500	19,100	8,800
1983	87,700	14,547	3,770	23,000	1,500	34,300	12,940	74,500	19,900	9,800
1984	35,000	15,768	4,060	25,000	1,610	36,700	13,560	78,000	20,700	10,800
1985	40,000	16,989	4,350	27,000	1,730	39,000	14,180	81,500	21,800	11,800
1986	42,000	18,210	4,640	29,000	1,840	41,400	14,800	85,000	23,200	12,900
1987	44,000	19,431	4,930	31,500	1,960	43,700	15,420	89,000	24,600	14,000
1988	46,000	20,652	5,220	34,000	2,070	46,000	16,040	93,000	26,000	15,100
1989	125,700	21,873	5,510	36,500	2,190	48,500	16,660	97,000	27,400	16,200
1990	132,100	23,100	5,800	38,100	2,300	50,800	17,300	101,500	28,800	17,300
1991	138,400	23,100	5,800	38,100	2,300	50,800	17,300	102,600	28,800	17,300
1992	138,400	23,100	5,800	38,100	2,300	50,800	17,300	102,600	28,800	17,300
1993	138,400	23,100	5,800	38,100	2,300	50,800	17,300	102,600	28,800	17,300
1994	138,400	23,100	5,800	38,100	2,300	50,800	17,300	102,600	28,800	17,300
1995	138,400	23,100	5,800	38,100	2,300	50,800	17,300	102,600	28,800	17,300
1996	138,400	23,100	5,800	38,100	2,300	50,800	17,300	102,600	28,800	0
1997	138,400	23,100	5,800	38,100	2,300	50,800	17,300	102,600	28,800	0
1998	138,400	23,100	5,800	38,100	2,300	75,800	17,300	102,600	28,800	0
1999	138,400	23,100	5,800	38,100	2,300	75,800	17,300	102,600	28,800	2,000
2000	138,400	23,100	5,800	38,100	2,300	75,800	21,300	102,600	28,800	3,000
2001	138,400	23,100	5,800	38,100	2,300	75,800	21,300	102,600	28,800	4,000
2002	141,400	23,100	5,800	38,100	2,300	75,800	21,300	102,600	28,800	4,000
2003	141,400	23,100	5,800	38,100	2,300	75,800	21,300	102,600	28,800	5,000
2004	141,400	33,000	5,800	38,100	2,300	75,800	21,300	102,600	28,800	6,000
2005	141,400	121,100	5,800	50,000	2,300	75,800	21,300	102,600	28,800	6,500
2006	141,400	121,100	5,800	50,000	2,300	75,800	21,300	102,600	28,800	7,000
2007	141,400	121,100	5,800	50,000	2,300	75,800	21,300	102,600	28,800	8,650
2008	141,400	121,100	5,800	50,000	2,300	75,800	21,300	102,600	28,800	17,300
2009	141,400	121,100	5,800	50,000	2,300	75,800	21,300	102,600	28,800	17,300
2010	141,400	138,350	5,800	55,750	2,300	82,800	21,300	102,600	28,800	17,300
2011	141,400	138,350	5,800	55,750	2,300	82,800	21,300	102,600	28,800	17,300
2012	141,400	138,350	5,800	55,750	2,300	82,800	21,300	102,600	28,800	17,300
2013	141,400	138,350	5,800	55,750	2,300	82,800	21,300	102,600	28,800	17,300
2014	144,844	138,350	5,800	55,750	2,300	82,800	21,300	102,600	28,800	17,300
2015	144,844	138,350	5,800	55,750	2,300	85,800	21,300	102,600	28,800	17,300
2016	144,844	138,350	5,800	55,750	2,300	85,800	21,300	102,600	28,800	17,300
2017	144,844	138,350	5,800	55,750	2,300	85,800	21,300	102,600	28,800	17,300
2018	144,844	138,350	5,800	55,750	2,300	85,800	21,300	102,600	28,800	17,300
2019	144,844	138,350	5,800	55,750	2,300	85,800	21,300	102,600	28,800	17,300
2020	144,844	138,350	5,800	55,750	2,300	89,800	21,300	102,600	28,800	17,300
<b>2021</b>	<b>144,844</b>	<b>138,350</b>	<b>5,800</b>	<b>55,750</b>	<b>2,300</b>	<b>89,800</b>	<b>21,300</b>	<b>102,600</b>	<b>28,800</b>	<b>17,300</b>
2022	144,844	138,350	5,800	55,750	2,300	89,800	21,300	102,600	28,800	17,300
2023	144,844	138,350	5,800	55,750	2,300	89,800	21,300	102,600	28,800	17,300
2024	144,844	138,350	5,800	55,750	2,300	89,800	21,300	102,600	28,800	17,300
2025	144,844	138,350	5,800	55,750	2,300	89,800	21,300	102,600	28,800	17,300
2026	144,844	138,350	5,800	55,750	2,300	89,800	21,300	102,600	28,800	17,300
2027	144,844	138,350	5,800	55,750	2,300	89,800	21,300	102,600	28,800	17,300
2028	144,844	138,350	5,800	55,750	2,300	89,800	21,300	102,600	28,800	17,300
2029	144,844	138,350	5,800	55,750	2,300	89,800	21,300	102,600	28,800	17,300
2030	144,844	138,350	5,800	55,750	2,300	89,800	21,300	102,600	28,800	17,300
2031	144,844	138,350	5,800	55,750	2,300	89,800	21,300	102,600	28,800	17,300
2032	144,844	138,350	5,800	55,750	2,300	89,800	21,300	102,600	28,800	17,300
2033	144,844	138,350	5,800	55,750	2,300	89,800	21,300	102,600	28,800	17,300
2034	144,844	138,350	5,800	55,750	2,300	89,800	21,300	102,600	28,800	17,300
2035	144,844	138,350	5,800	55,750	2,300	89,800	21,300	102,600	28,800	17,300
<b>TOTAL</b>	<b>7,507,768</b>	<b>4,782,511</b>	<b>321,556</b>	<b>2,626,000</b>	<b>127,210</b>	<b>4,069,043</b>	<b>1,127,720</b>	<b>5,909,177</b>	<b>1,641,322</b>	<b>748,350</b>

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
	Santa Clarita <sup>3</sup>	Metropolitan	Ventura	Total	Yuba City	Butte	Plumas	Total		
1962	[30] 0	[31] 0	[32] 0	[33] 0	[34] 0	[35] 0	[36] 0	[37] 0	[38] 0	[39] 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	3,700	0	0	3,700	0	300	250	550	0	191,500
1969	5,000	0	0	5,000	0	350	270	620	0	267,395
1970	5,700	0	0	5,700	0	400	300	700	0	322,600
1971	6,700	0	0	6,700	0	450	440	890	0	375,590
1972	8,936	154,772	0	209,423	0	500	470	970	0	741,759
1973	12,400	354,600	0	481,100	0	600	500	1,100	0	986,252
1974	15,400	454,900	0	597,920	0	700	530	1,230	0	1,182,200
1975	18,200	555,200	0	714,950	0	1,050	560	1,610	0	1,386,869
1976	21,200	655,600	0	836,480	0	1,400	590	1,990	0	1,508,387
1977	24,100	755,900	0	954,901	0	1,800	620	2,420	0	1,667,321
1978	24,762	856,300	0	1,049,584	0	1,200	650	1,850	0	1,818,034
1979	28,000	956,600	0	1,190,573	0	1,450	680	2,130	0	2,028,088
1980	30,400	1,057,000	1,000	1,317,614	0	1,100	710	1,810	0	2,214,770
1981	32,800	1,157,300	2,000	1,432,065	0	1,200	740	1,940	0	2,392,468
1982	34,800	1,257,600	3,000	1,550,449	0	1,200	770	1,970	0	2,574,545
1983	37,300	1,358,000	4,000	1,681,257	0	1,200	800	2,000	0	2,701,164
1984	39,600	1,458,300	5,000	1,744,098	1,600	1,200	830	3,630	0	2,884,337
1985	41,800	1,558,700	6,000	1,864,849	1,700	1,200	860	3,760	0	3,055,846
1986	43,600	1,659,300	8,000	1,983,890	2,100	1,200	890	4,190	0	3,257,736
1987	45,600	1,759,800	10,000	2,103,941	2,500	1,200	920	4,620	0	3,484,115
1988	48,000	1,860,400	13,000	2,225,482	2,900	1,200	960	5,060	0	3,688,335
1989	50,100	1,961,000	16,000	2,424,633	3,300	1,200	1,000	5,500	0	3,958,190
1990	52,000	2,011,500	20,000	2,500,600	3,800	1,200	1,040	6,040	0	4,079,666
1991	54,200	2,011,500	20,000	2,510,200	9,600	1,200	1,080	11,880	0	4,126,567
1992	54,200	2,011,500	20,000	2,510,200	9,600	1,200	1,120	11,920	0	4,138,816
1993	54,200	2,011,500	20,000	2,510,200	9,600	1,200	1,160	11,960	0	4,146,966
1994	54,200	2,011,500	20,000	2,510,200	9,600	1,200	1,200	12,000	0	4,154,201
1995	54,200	2,011,500	20,000	2,510,200	9,600	1,200	1,250	12,050	0	4,163,066
1996	54,200	2,011,500	20,000	2,492,900	9,600	1,200	1,300	12,100	0	4,111,341
1997	54,200	2,011,500	20,000	2,492,900	9,600	1,200	1,350	12,150	0	4,084,866
1998	54,200	2,011,500	20,000	2,517,900	9,600	1,200	1,400	12,200	0	4,086,021
1999	54,200	2,011,500	20,000	2,519,900	9,600	2,890	1,450	13,940	0	4,119,646
2000	95,200	2,011,500	20,000	2,565,900	9,600	2,890	1,510	14,000	0	4,121,631
2001	95,200	2,011,500	20,000	2,566,900	9,600	3,500	1,570	14,670	0	4,124,136
2002	95,200	2,011,500	20,000	2,569,900	9,600	3,500	1,630	14,730	0	4,125,031
2003	95,200	2,011,500	20,000	2,570,900	9,600	3,500	1,690	14,790	0	4,126,926
2004	95,200	2,011,500	20,000	2,581,800	9,600	3,500	0	13,100	0	4,127,061
2005	95,200	1,911,500	20,000	2,582,300	9,600	1,200	0	10,800	0	4,125,686
2006	95,200	1,911,500	20,000	2,582,800	9,600	1,200	324	11,124	0	4,126,885
2007	95,200	1,911,500	20,000	2,584,450	9,600	1,200	720	11,520	0	4,129,306
2008	95,200	1,911,500	20,000	2,593,100	9,600	27,500	2,020	39,120	0	4,165,931
2009	95,200	1,911,500	20,000	2,593,100	9,600	27,500	2,090	39,190	0	4,166,376
2010	95,200	1,911,500	20,000	2,623,100	9,600	1,731	2,160	13,491	0	4,146,227
2011	95,200	1,911,500	20,000	2,623,100	9,600	2,548	2,240	14,388	0	4,147,174
2012	95,200	1,911,500	20,000	2,623,100	9,600	27,500	2,320	39,420	0	4,172,256
2013	95,200	1,911,500	20,000	2,623,100	9,600	27,500	2,410	39,510	0	4,172,396
2014	95,200	1,911,500	20,000	2,626,544	9,600	27,500	2,500	39,600	0	4,172,536
2015	95,200	1,911,500	20,000	2,629,544	9,600	27,500	2,600	39,700	0	4,172,686
2016	95,200	1,911,500	20,000	2,629,544	9,600	27,500	2,700	39,800	0	4,172,786
2017	95,200	1,911,500	20,000	2,629,544	9,600	27,500	2,700	39,800	0	4,172,786
2018	95,200	1,911,500	20,000	2,629,544	9,600	27,500	2,700	39,800	0	4,172,786
2019	95,200	1,911,500	20,000	2,629,544	9,600	27,500	2,700	39,800	0	4,172,786
2020	95,200	1,911,500	20,000	2,633,544	9,600	27,500	2,700	39,800	0	4,172,786
<b>2021</b>	<b>95,200</b>	<b>1,911,500</b>	<b>20,000</b>	<b>2,633,544</b>	<b>9,600</b>	<b>27,500</b>	<b>2,700</b>	<b>39,800</b>	<b>0</b>	<b>4,172,786</b>
2022	95,200	1,911,500	20,000	2,633,544	9,600	27,500	2,700	39,800	0	4,172,786
2023	95,200	1,911,500	20,000	2,633,544	9,600	27,500	2,700	39,800	0	4,172,786
2024	95,200	1,911,500	20,000	2,633,544	9,600	27,500	2,700	39,800	0	4,172,786
2025	95,200	1,911,500	20,000	2,633,544	9,600	27,500	2,700	39,800	0	4,172,786
2026	95,200	1,911,500	20,000	2,633,544	9,600	27,500	2,700	39,800	0	4,172,786
2027	95,200	1,911,500	20,000	2,633,544	9,600	27,500	2,700	39,800	0	4,172,786
2028	95,200	1,911,500	20,000	2,633,544	9,600	27,500	2,700	39,800	0	4,172,786
2029	95,200	1,911,500	20,000	2,633,544	9,600	27,500	2,700	39,800	0	4,172,786
2030	95,200	1,911,500	20,000	2,633,544	9,600	27,500	2,700	39,800	0	4,172,786
2031	95,200	1,911,500	20,000	2,633,544	9,600	27,500	2,700	39,800	0	4,172,786
2032	95,200	1,911,500	20,000	2,633,544	9,600	27,500	2,700	39,800	0	4,172,786
2033	95,200	1,911,500	20,000	2,633,544	9,600	27,500	2,700	39,800	0	4,172,786
2034	95,200	1,911,500	20,000	2,633,544	9,600	27,500	2,700	39,800	0	4,172,786
2035	95,200	1,911,500	20,000	2,633,544	9,600	27,500	2,700	39,800	0	4,172,786
<b>TOTAL</b>	<b>4,545,098</b>	<b>109,260,272</b>	<b>988,000</b>	<b>143,654,027</b>	<b>449,900</b>	<b>775,559</b>	<b>106,474</b>	<b>1,331,933</b>	<b>0</b>	<b>233,688,159</b>

<sup>3</sup> Castaic Lake Water Agency's SWP Water Supply Contract was transferred to Santa Clarita Valley Water Agency effective November 2, 2018.

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

Calendar Year	FEATHER RIVER AREA			NORTH BAY AQUEDUCT							Total
	Butte	Grizzly Valley Pipeline Plumas	Yuba City	Reach 1	Reach 3A		Reach 3A-T		Reach 3B		
				Solano	Napa	Solano	Napa	Solano	Napa <sup>1</sup>	Solano	
	[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	285	3,004	8,581	0	6,538	66	8,717	11,133	0	35,035
2016	2,518	387	1,229	10,802	1	6,464	45	6,339	8,947	0	32,598
2017	2,320	363	1,746	13,764	0	7,484	24	7,017	8,201	0	36,490
2018	3,029	508	1,715	15,487	0	8,493	22	11,092	11,660	0	46,754
2019	2,955	436	1,655	13,814	8	8,035	16	9,633	11,261	0	42,767
2020	3,177	405	4,900	6,752	0	6,042	0	14,864	12,591	0	40,249
<b>2021</b>	<b>270</b>	<b>730</b>	<b>5,760</b>	<b>28,654</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>17,415</b>	<b>0</b>	<b>46,069</b>
2022	270	730	5,760	28,654	0	0	0	0	17,415	0	46,069
2023	270	730	5,760	28,654	0	0	0	0	17,415	0	46,069
2024	270	730	5,760	28,654	0	0	0	0	17,415	0	46,069
2025	270	730	5,760	28,654	0	0	0	0	17,415	0	46,069
2026	270	730	5,760	28,654	0	0	0	0	17,415	0	46,069
2027	270	730	5,760	28,654	0	0	0	0	17,415	0	46,069
2028	270	730	5,760	28,654	0	0	0	0	17,415	0	46,069
2029	270	730	5,760	28,654	0	0	0	0	17,415	0	46,069
2030	270	730	5,760	28,654	0	0	0	0	17,415	0	46,069
2031	270	730	5,760	28,654	0	0	0	0	17,415	0	46,069
2032	270	730	5,760	28,654	0	0	0	0	17,415	0	46,069
2033	270	730	5,760	28,654	0	0	0	0	17,415	0	46,069
2034	270	730	5,760	28,654	0	0	0	0	17,415	0	46,069
2035	270	730	5,760	28,654	0	0	0	0	17,415	0	46,069
<b>TOTAL</b>	<b>41,984</b>	<b>25,286</b>	<b>145,923</b>	<b>851,200</b>	<b>24</b>	<b>365,781</b>	<b>1,186</b>	<b>177,609</b>	<b>627,478</b>	<b>3,500</b>	<b>2,026,778</b>

<sup>1</sup> 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)**

Calendar Year	SOUTH BAY AQUEDUCT <sup>2</sup>										Total
	Reach 1		Reach 2	Reach 4	Reach 5		Reach 6	Reach 7	Reach 8	Reach 9	
	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	
	[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	15,520	6,389	14,838	65,773	117,072
2016	53	0	6,677	10,488	3,480	0	20,786	21	9,064	68,652	119,221
2017	85	0	4,188	9,110	3,225	0	9,850	0	9,734	44,995	81,187
2018	84	0	7,318	4,243	4,452	0	23,426	209	17,952	77,136	134,820
2019	142	0	10,113	3,957	3,108	0	16,076	21	8,439	40,533	82,389
2020	347	0	6,614	4,138	1,512	0	8,795	7,224	14,752	76,153	119,535
<b>2021</b>	<b>0</b>	<b>0</b>	<b>7,900</b>	<b>7,150</b>	<b>2,400</b>	<b>0</b>	<b>25,921</b>	<b>6,766</b>	<b>15,194</b>	<b>60,000</b>	<b>125,331</b>
2022	0	0	7,980	7,150	2,400	0	25,841	7,029	15,195	60,000	125,595
2023	0	0	8,060	7,150	2,400	0	25,761	7,263	15,189	60,000	125,823
2024	0	0	7,510	7,150	2,400	0	26,311	7,520	15,232	60,000	126,123
2025	0	0	7,510	7,150	2,400	0	26,311	7,520	15,232	60,000	126,123
2026	0	0	7,510	7,150	2,400	0	26,311	7,520	15,232	60,000	126,123
2027	0	0	7,510	7,150	2,400	0	26,311	7,520	15,232	60,000	126,123
2028	0	0	7,510	7,150	2,400	0	26,311	7,520	15,232	60,000	126,123
2029	0	0	7,510	7,150	2,400	0	26,311	7,520	15,232	60,000	126,123
2030	0	0	7,510	7,150	2,400	0	26,311	7,520	15,232	60,000	126,123
2031	0	0	7,510	7,150	2,400	0	26,311	7,520	15,232	60,000	126,123
2032	0	0	7,510	7,150	2,400	0	26,311	7,520	15,232	60,000	126,123
2033	0	0	7,510	7,150	2,400	0	26,311	7,520	15,232	60,000	126,123
2034	0	0	7,510	7,150	2,400	0	26,311	7,520	15,232	60,000	126,123
2035	0	0	7,510	7,150	2,400	0	26,311	7,520	15,232	60,000	126,123
<b>TOTAL</b>	<b>25,208</b>	<b>53,844</b>	<b>447,775</b>	<b>379,172</b>	<b>119,166</b>	<b>11,722</b>	<b>948,330</b>	<b>442,913</b>	<b>753,200</b>	<b>4,685,094</b>	<b>7,866,424</b>

<sup>2</sup> 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)**

Calendar Year	CALIFORNIA AQUEDUCT											
	NORTH SAN JOAQUIN DIVISION						SAN LUIS DIVISION					
	Reach 1	Reach 2A					Reach 3		Reach 3A			
	Kern (Agricultural)	Alameda-Zone 7	Kern (Agricultural)	Oak Flat <sup>3</sup>	Santa Clara	Tulare	Dudley Ridge	Metropolitan	Alameda-Zone 7	Alameda County	AVEK	Dudley Ridge
[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	5,873	0	0
2009	0	0	1,169	1,993	0	0	0	0	0	0	0	0
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	6,068
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	16,789
2015	0	0	718	1,077	0	0	0	0	2,360	6,032	0	14,460
2016	0	0	677	1,855	0	0	0	0	0	0	0	0
2017	0	0	738	2,893	0	0	0	0	0	0	0	0
2018	0	0	735	2,289	0	0	0	0	0	0	0	7,885
2019	0	0	659	2,184	0	0	0	0	0	0	0	0
2020	0	0	654	2,243	0	0	0	0	0	3,375	0	8,450
<b>2021</b>	<b>0</b>	<b>0</b>	<b>1,300</b>	<b>3,420</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
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
<b>TOTAL</b>	<b>8,885</b>	<b>1,041</b>	<b>38,147</b>	<b>254,002</b>	<b>200</b>	<b>300</b>	<b>602</b>	<b>0</b>	<b>8,168</b>	<b>16,815</b>	<b>5,873</b>	<b>53,652</b>

<sup>3</sup> Includes 425 acre-feet of 1988 advance allocation and 141 acre-feet of 1992 advance allocation.

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

Calendar Year	CALIFORNIA AQUEDUCT											
	SAN LUIS DIVISION (continued)											
	Reach 3A (continued)						Reach 4					
	Kern		Metropolitan	Santa Barbara	Santa Clara	Santa Clarita <sup>4</sup>	Tulare	Dudley Ridge	Kern		Santa Clarita <sup>4</sup>	Tulare
Municipal and Industrial	Agricultural	Municipal and Industrial							Agricultural			
	[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	1,898	0	12,647	0	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	14,446	0	3,500	0	0
1996	0	0	0	0	0	0	0	0	1,125	4,162	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	1,300
2000	3,320	68,960	0	0	0	0	0	0	1,517	878	0	0
2001	0	140,242	0	0	30,000	0	0	0	0	0	0	0
2002	6,000	62,024	0	0	0	0	0	0	0	0	0	0
2003	0	151,044	29,596	0	0	0	0	0	0	1,351	0	0
2004	0	44,877	0	0	0	0	0	0	0	0	0	0
2005	0	109,712	50,000	0	8,804	0	277	0	0	7,000	0	0
2006	0	19,575	0	0	0	0	0	0	0	0	0	0
2007	71,567	116,272	0	0	0	0	0	0	0	0	0	0
2008	0	94,562	0	0	0	0	0	0	0	10,721	0	0
2009	0	164,653	52,933	0	9,999	3,300	0	0	0	0	0	0
2010	0	35,896	124,543	0	9,993	0	0	0	0	0	0	0
2011	0	0	78,324	0	1,825	0	0	0	0	0	0	0
2012	0	23,401	0	0	0	0	0	0	0	0	0	0
2013	0	64,524	0	0	6,000	0	0	0	0	0	6,000	0
2014	0	104,689	15,000	0	27,476	0	0	0	0	0	0	0
2015	0	105,549	0	0	17,115	0	0	0	0	3,278	0	8,166
2016	0	54,247	37,283	7,230	28,878	5,940	0	0	0	1,047	0	7,723
2017	0	0	15,946	15,584	3,497	30,000	0	0	0	0	0	0
2018	0	23,607	0	0	2,000	0	0	0	0	0	0	0
2019	0	27,009	0	0	852	0	0	0	0	0	0	0
2020	0	28,370	0	0	5,000	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
<b>TOTAL</b>	<b>80,887</b>	<b>1,439,213</b>	<b>403,625</b>	<b>22,814</b>	<b>151,439</b>	<b>39,240</b>	<b>277</b>	<b>16,344</b>	<b>2,642</b>	<b>44,584</b>	<b>6,000</b>	<b>18,689</b>

<sup>4</sup> Castaic Lake Water Agency's SWP Water Supply Contract was transferred to Santa Clarita Valley Water Agency effective November 2, 2018.

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

Calendar Year	CALIFORNIA AQUEDUCT (continued)											
	SAN LUIS DIVISION (continued)								SOUTH SAN JOAQUIN DIVISION			
	Reach 5								Reach 6			
	Dudley Ridge	Empire	Kern		Metropolitan	Oak Flat	Santa Clarita <sup>4</sup>	Tulare	Empire	Kern		Kings
Municipal and Industrial			Agricultural	Municipal and Industrial						Agricultural		
	[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	18,831	0	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	10,823	0	0	0	0	0	0	0	0	0	0	0
1993	27,200	0	0	28,200	0	2,000	5,095	1,624	0	0	31,200	0
1994	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	21,776	0	0	0	0	0	0	3,932	0
1996	0	0	1,125	81,507	0	0	0	4,000	0	0	0	0
1997	0	0	9,080	154,940	0	0	0	3,500	0	0	0	0
1998	0	0	0	0	0	0	0	0	20,400	33,340	0	0
1999	0	0	0	0	21,500	0	0	8,000	0	0	33,776	0
2000	0	0	8,130	57,647	0	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	870	0	0	0	0	0	1,490	0	0	0	1,779
2010	0	431	0	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	449	0	0	0	0	0	2,800	514	0	0	2,706
2013	0	692	0	8,393	0	0	0	5,350	280	0	0	2,666
2014	0	303	0	0	0	0	0	661	38	0	0	1,109
2015	0	142	0	1,349	0	0	0	7,576	120	0	0	391
2016	0	425	0	7,553	0	0	0	24,251	446	0	0	1,009
2017	0	0	0	0	0	0	0	3,000	100	0	0	1,902
2018	0	301	0	0	0	0	0	2,210	0	0	0	2,450
2019	0	0	0	0	0	0	0	1,500	449	0	0	2,060
2020	0	0	0	0	0	0	0	0	0	0	0	2,909
<b>2021</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,120</b>
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
<b>TOTAL</b>	<b>38,023</b>	<b>3,613</b>	<b>18,335</b>	<b>380,196</b>	<b>21,500</b>	<b>2,000</b>	<b>5,095</b>	<b>89,674</b>	<b>2,347</b>	<b>21,857</b>	<b>146,355</b>	<b>89,363</b>

<sup>4</sup> Castaic Lake Water Agency's SWP Water Supply Contract was transferred to Santa Clarita Valley Water Agency effective November 2, 2018.

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

Sheet 6 of 21

Calendar Year	CALIFORNIA AQUEDUCT (continued)											
	SOUTH SAN JOAQUIN DIVISION (continued)											
	Reach 6 (continued)		Reach 7							Reach 8C		
	Metropolitan	Tulare	Dudley Ridge	Kern		Kings	Metropolitan	Santa Clarita <sup>4</sup>	Tulare	Dudley Ridge	Empire	Kern Municipal and Industrial
Municipal and Industrial				Agricultural								
	[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	5,262	0	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	18,157	10,043	0	0	0	0	0	2,741	0
1994	0	0	0	0	0	0	0	2,100	0	0	1,666	0
1995	0	0	0	10,875	20,595	0	0	0	0	0	1,631	989
1996	0	0	0	3,424	69,704	0	0	0	0	95	1,868	0
1997	0	0	0	27,079	32,463	0	0	0	0	0	0	0
1998	0	3,000	200	3,998	62,081	0	0	0	0	90	542	0
1999	11,000	23,000	0	7,923	19,500	0	500	0	4,470	86	3,176	0
2000	0	3,000	0	0	45,137	0	20,000	1,200	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	6,904	0	0	4,000	0	3,834	0
2006	0	0	0	0	0	2,500	0	0	6,000	0	3,282	0
2007	0	0	0	0	16,214	0	0	0	2,545	0	2,084	0
2008	0	0	400	0	1,998	1,330	0	0	1,500	0	947	0
2009	0	2,100	1,400	0	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	2,000	0	0	0	0	1,279	0
2013	0	1,159	500	0	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	850	0	0	0	0	0	0	0	362	0
2016	0	4,257	0	0	0	0	0	0	3,175	0	951	0
2017	0	0	0	0	0	0	0	0	0	0	318	0
2018	0	0	0	0	0	0	0	0	0	0	852	0
2019	0	0	0	0	0	0	0	0	0	788	347	0
2020	0	0	0	0	0	0	0	0	0	0	1,108	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
<b>TOTAL</b>	<b>11,000</b>	<b>37,891</b>	<b>3,350</b>	<b>71,456</b>	<b>282,997</b>	<b>12,734</b>	<b>20,500</b>	<b>3,300</b>	<b>77,431</b>	<b>3,910</b>	<b>126,854</b>	<b>989</b>

<sup>4</sup> Castaic Lake Water Agency's SWP Water Supply Contract was transferred to Santa Clarita Valley Water Agency effective November 2, 2018.

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

Calendar Year	CALIFORNIA AQUEDUCT (continued)											
	SOUTH SAN JOAQUIN DIVISION (continued)											
	Reach 8C (continued)			Reach 8D						Reach 9		
	Kern			Kern			San Luis Obispo	Tulare	Dudley Ridge	Empire		
Agricultural	Kings	Tulare	Dudley Ridge	Empire	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	0
1969	0	100	7,081	31,375	0	0	0	0	0	0	0	0
1970	0	0	0	40,407	0	0	0	0	3,408	0	0	0
1971	0	3,700	80,906	41,053	0	0	0	0	41,579	0	0	0
1972	0	1,400	144,843	42,443	0	0	0	0	113,550	0	0	0
1973	0	1,500	26,317	22,057	0	1,500	0	0	24,147	0	0	0
1974	0	1,500	32,603	33,390	0	0	0	0	39,686	0	0	0
1975	0	1,600	41,536	40,555	0	0	0	0	44,722	0	0	0
1976	0	1,600	26,595	41,421	0	0	0	0	32,216	0	0	0
1977	0	1,530	12,984	11,153	0	0	0	0	5,097	0	0	0
1978	0	2,070	3,934	51,747	0	0	0	0	8,119	0	0	0
1979	0	2,000	74,758	38,544	0	0	0	0	80,363	0	0	0
1980	0	2,200	35,140	41,000	0	0	0	0	40,304	0	0	0
1981	0	2,300	50,888	41,000	0	0	0	0	32,550	0	0	0
1982	0	1,536	4,405	41,000	0	0	214	0	14,146	0	0	0
1983	0	3,550	1,001	42,900	0	0	0	0	5	0	0	0
1984	0	3,100	3,677	45,100	0	0	0	0	2,066	0	0	0
1985	0	3,400	68,638	46,251	0	0	0	0	41,153	0	0	0
1986	0	3,700	40,017	50,249	0	0	0	0	39,338	0	0	0
1987	0	4,000	30,359	46,288	0	0	0	0	62,725	0	0	0
1988	0	4,000	46,281	47,994	0	0	0	0	48,035	0	0	0
1989	0	4,000	63,703	52,158	0	0	0	0	63,947	0	0	0
1990	0	2,000	23,504	36,296	0	161	0	0	32,066	0	0	0
1991	0	0	1,697	927	0	0	0	0	483	0	0	0
1992	0	1,806	15,982	12,667	0	0	0	0	30,746	0	0	0
1993	0	4,000	57,112	23,221	0	0	0	0	65,732	197	0	0
1994	0	2,116	21,510	28,793	0	0	1,726	0	40,852	0	0	0
1995	10,527	4,000	40,934	45,240	0	2,959	27,270	0	57,435	0	0	0
1996	1,500	4,000	84,130	52,722	0	0	1,455	0	100	148,745	0	0
1997	1,500	0	9,467	57,496	0	0	0	0	100	9,402	4,900	0
1998	1,000	15	8,956	49,435	0	0	20,000	0	0	8,721	0	0
1999	400	4,000	90,334	58,290	0	0	9,000	0	0	162,631	0	0
2000	400	3,600	63,842	57,920	0	0	0	0	0	113,952	0	0
2001	0	1,560	23,300	40,155	0	0	6,089	0	0	58,369	0	0
2002	0	2,854	34,009	48,179	0	0	7,522	0	0	47,426	0	0
2003	0	3,692	25,317	45,732	0	0	8,350	0	0	61,521	0	0
2004	0	5,803	30,546	45,823	0	0	4,979	0	0	55,625	0	0
2005	0	4,057	42,450	58,627	0	0	0	1,891	0	92,552	0	0
2006	0	1,105	34,367	61,410	0	0	0	3,266	0	64,840	0	0
2007	0	657	31,305	39,974	0	0	7,740	1,921	0	49,633	0	0
2008	0	240	14,146	18,974	0	0	21,242	107	0	16,903	0	0
2009	0	1,612	13,522	12,037	0	0	19,684	0	0	16,794	5,500	0
2010	0	26	14,005	17,346	0	0	14,094	1,900	0	40,609	0	0
2011	0	2,160	23,814	22,427	0	0	65	1,194	0	30,827	292	0
2012	0	2,699	25,847	17,122	0	0	2,168	0	0	56,570	3,400	0
2013	0	1,029	16,490	19,605	0	0	4,239	950	0	24,241	1,941	0
2014	0	81	2,880	12,960	0	0	3,554	66	0	5,118	1,000	0
2015	0	838	977	9,473	0	0	2,000	0	0	617	1,250	0
2016	0	2,651	534	11,403	0	0	140	0	0	2,447	3,430	0
2017	0	1,428	17,107	15,319	0	0	0	1,611	0	39,654	0	774
2018	0	1,261	16,630	4,821	438	0	0	2	0	31,711	4,849	0
2019	0	750	12,773	7,222	0	0	1,683	1,772	0	40,281	500	1,142
2020	0	400	3,190	13,308	0	0	17,700	460	0	21,227	0	0
2021	0	912	20,993	26,169	0	0	0	1,368	0	31,490	0	0
2022	0	912	20,993	26,169	0	0	0	1,368	0	31,490	0	0
2023	0	912	20,993	26,169	0	0	0	1,368	0	31,490	0	0
2024	0	912	20,993	26,169	0	0	0	1,368	0	31,490	0	0
2025	0	912	20,993	26,169	0	0	0	1,368	0	31,490	0	0
2026	0	912	20,993	26,169	0	0	0	1,368	0	31,490	0	0
2027	0	912	20,993	26,169	0	0	0	1,368	0	31,490	0	0
2028	0	912	20,993	26,169	0	0	0	1,368	0	31,490	0	0
2029	0	912	20,993	26,169	0	0	0	1,368	0	31,490	0	0
2030	0	912	20,993	26,169	0	0	0	1,368	0	31,490	0	0
2031	0	912	20,993	26,169	0	0	0	1,368	0	31,490	0	0
2032	0	912	20,993	26,169	0	0	0	1,368	0	31,490	0	0
2033	0	912	20,993	26,169	0	0	0	1,368	0	31,490	0	0
2034	0	912	20,993	26,169	0	0	0	1,368	0	31,490	0	0
2035	0	912	20,993	26,169	0	0	0	1,368	0	31,490	0	0
<b>TOTAL</b>	<b>15,327</b>	<b>123,806</b>	<b>1,936,338</b>	<b>2,211,904</b>	<b>438</b>	<b>2,959</b>	<b>182,361</b>	<b>35,874</b>	<b>200</b>	<b>2,637,236</b>	<b>27,259</b>	<b>1,916</b>



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

Calendar Year	CALIFORNIA AQUEDUCT (continued)											
	SOUTH SAN JOAQUIN DIVISION (continued)											
	Reach 9 (continued)			Reach 10A								
	Kern		Tulare	Alameda-Zone 7	Alameda County	AVEK	Dudley Ridge	Empire	Kern		Metropolitan	San Bernardino
Municipal and Industrial	Agricultural	Municipal and Industrial							Agricultural			
1962	[83] 0	[84] 0	[85] 0	[86] 0	[87] 0	[88] 0	[89] 0	[90] 0	[91] 0	[92] 0	[93] 0	[94] 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	30,951	0	0	0	0	0	0	0	0	0	0
1969	0	24,489	0	0	0	0	0	0	0	0	0	0
1970	0	46,114	1,855	0	0	0	0	0	0	158	0	0
1971	0	58,356	0	0	0	0	0	0	0	9,973	0	0
1972	0	75,464	0	0	0	0	0	0	0	5,876	0	0
1973	0	54,583	0	0	0	0	0	0	0	22,948	0	0
1974	0	63,814	0	0	0	0	0	0	10,019	22,719	0	0
1975	0	50,021	0	0	0	0	0	0	2,791	72,121	0	0
1976	0	53,465	0	0	0	0	0	0	74	50,444	0	0
1977	0	24,668	0	0	0	0	0	0	201	34,451	0	0
1978	0	72,231	0	0	0	0	0	0	0	161,889	0	0
1979	0	74,524	0	0	0	0	0	0	285	153,245	0	0
1980	0	79,946	0	0	0	0	0	0	3,780	131,836	0	0
1981	0	76,508	0	0	0	0	0	0	341	133,500	0	0
1982	0	76,877	0	0	0	0	0	0	4,700	164,832	0	0
1983	2,217	84,573	0	0	0	0	0	0	0	146,493	0	0
1984	4,100	85,732	0	0	0	0	0	0	6,910	150,302	0	0
1985	0	67,696	0	0	0	0	0	0	6,495	153,473	0	0
1986	0	79,943	0	0	0	0	0	0	5,065	198,099	0	0
1987	0	97,732	0	0	0	0	0	0	900	226,521	0	0
1988	1,100	83,858	0	0	0	0	0	0	9,529	212,495	0	0
1989	0	91,134	0	0	0	0	0	0	21,038	251,979	0	0
1990	0	83,108	0	0	0	0	0	0	25,189	47,472	0	0
1991	13,683	601	0	0	0	0	0	0	1,142	6,820	0	0
1992	28	40,183	0	0	0	0	0	0	3,685	89,390	0	0
1993	5,945	53,597	0	0	0	0	0	0	775	233,862	44,496	0
1994	0	44,994	0	0	0	0	0	0	5,227	126,792	0	0
1995	0	64,076	0	0	0	0	0	0	366	229,448	50,000	0
1996	2,236	89,291	0	0	6,200	0	0	0	6,666	199,854	95,000	0
1997	0	72,013	0	0	10,000	0	900	0	3,577	157,385	125,000	0
1998	0	57,530	0	1,970	3,780	0	0	0	2,603	163,587	39,500	0
1999	0	72,734	0	22,910	16,100	0	0	0	1,657	190,787	75,850	0
2000	0	73,562	0	23,940	13,380	0	0	0	7,672	283,208	0	0
2001	0	54,198	0	5,000	0	0	0	0	160	98,175	0	0
2002	0	60,957	0	14,287	2,083	0	0	0	145	171,498	0	0
2003	0	54,724	0	6,500	18,800	0	0	0	217	174,674	70,940	0
2004	0	54,330	0	5,740	8,000	0	0	0	65,751	117,286	0	0
2005	0	53,206	0	0	28,422	0	0	0	146	232,519	31,210	0
2006	0	56,909	0	5,740	27,447	0	5,000	0	0	237,623	0	0
2007	0	66,018	0	717	1,029	0	3,000	0	0	203,794	0	0
2008	0	63,315	0	0	0	0	2,800	0	1,702	103,176	0	0
2009	0	64,007	2,330	0	0	0	2,000	0	690	95,798	0	0
2010	0	76,357	0	3,000	7,000	0	2,000	0	14	102,773	74,000	0
2011	0	78,177	2,000	3,414	16,020	0	2,908	0	26	137,476	149,012	0
2012	0	69,395	2,000	0	7,500	0	1,660	0	29	201,876	45,000	2,868
2013	0	82,005	0	0	0	0	2,500	0	2,057	116,190	0	0
2014	0	67,754	0	0	0	0	0	0	0	40,332	0	0
2015	0	64,809	0	0	0	0	0	0	3,751	49,953	0	0
2016	0	68,699	0	5,000	18,272	0	1,075	0	817	101,941	0	0
2017	0	75,501	0	19,381	19,302	9,226	2,446	251	867	166,972	77,731	0
2018	0	69,618	900	0	0	11,015	5,717	0	2,604	93,384	0	0
2019	0	68,454	10,486	13,447	13,271	4,762	613	0	3,712	119,564	87,058	0
2020	0	73,637	0	0	0	0	0	0	0	122,108	0	0
2021	0	61,816	0	0	3,240	0	0	0	0	171,305	60,000	0
2022	0	61,816	0	0	2,976	0	0	0	0	171,305	60,000	0
2023	0	61,816	0	0	2,748	0	0	0	0	171,305	60,000	0
2024	0	61,816	0	0	2,448	0	0	0	0	171,305	60,000	0
2025	0	61,816	0	0	2,448	0	0	0	0	171,305	60,000	0
2026	0	61,816	0	0	2,448	0	0	0	0	171,305	60,000	0
2027	0	61,816	0	0	2,448	0	0	0	0	171,305	60,000	0
2028	0	61,816	0	0	2,448	0	0	0	0	171,305	60,000	0
2029	0	61,816	0	0	2,448	0	0	0	0	171,305	60,000	0
2030	0	61,816	0	0	2,448	0	0	0	0	171,305	60,000	0
2031	0	61,816	0	0	2,448	0	0	0	0	171,305	60,000	0
2032	0	61,816	0	0	2,448	0	0	0	0	171,305	60,000	0
2033	0	61,816	0	0	2,448	0	0	0	0	171,305	60,000	0
2034	0	61,816	0	0	2,448	0	0	0	0	171,305	60,000	0
2035	0	61,816	0	0	2,448	0	0	0	0	171,305	60,000	0
<b>TOTAL</b>	<b>29,309</b>	<b>4,353,678</b>	<b>19,571</b>	<b>131,046</b>	<b>254,946</b>	<b>25,003</b>	<b>32,619</b>	<b>251</b>	<b>213,375</b>	<b>9,288,646</b>	<b>1,864,797</b>	<b>2,868</b>

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

Calendar Year	CALIFORNIA AQUEDUCT (continued)												
	SOUTH SAN JOAQUIN DIVISION (continued)												
	Reach 10A (continued)				Reach 11B								
	Santa Barbara	Santa Clara	Santa Clarita <sup>4</sup>	Tulare	Alameda Zone 7	AVEK	Dudley Ridge	Empire	Kern		Metropolitan	Santa Clarita <sup>4</sup>	Tulare
Municipal and Industrial									Agricultural				
[95]	[96]	[97]	[98]	[99]	[100]	[101]	[102]	[103]	[104]	[105]	[106]	[107]	
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	24,776	0	0	0	
1969	0	0	0	2,842	0	0	0	0	64,682	0	0	0	
1970	0	0	0	4,315	0	0	0	0	72,279	0	0	0	
1971	0	0	0	0	0	0	0	0	63,773	0	0	0	
1972	0	0	0	0	0	0	0	0	72,358	0	0	0	
1973	0	0	0	0	0	0	0	0	67,544	0	0	0	
1974	0	0	0	0	0	0	0	0	87,476	0	0	0	
1975	0	0	0	0	0	0	0	0	85,675	0	0	0	
1976	0	0	0	0	0	0	0	0	85,067	0	0	0	
1977	0	0	0	0	0	0	0	3,981	29,603	0	0	0	
1978	0	0	0	0	0	0	0	0	88,753	0	0	0	
1979	0	0	0	0	0	0	0	484	108,379	0	0	0	
1980	0	0	0	0	0	0	0	3,112	103,207	0	0	0	
1981	0	0	0	0	0	0	0	494	104,395	0	0	0	
1982	0	0	0	0	0	0	0	798	99,081	0	0	0	
1983	0	0	0	0	0	0	0	2,069	94,117	0	0	0	
1984	0	0	0	0	0	0	0	2,349	124,819	0	0	0	
1985	0	0	0	0	0	0	0	10,666	118,646	0	0	0	
1986	0	0	0	0	0	0	0	8,673	124,836	0	0	0	
1987	0	0	0	0	0	0	0	13,074	111,877	0	0	0	
1988	0	0	0	0	0	0	0	13,509	114,031	0	0	0	
1989	0	0	0	0	0	0	0	9,986	127,058	0	0	0	
1990	0	0	0	0	0	0	0	9,319	104,107	0	0	0	
1991	0	0	0	0	0	0	0	6,099	118	0	0	0	
1992	0	0	0	0	0	0	0	7,419	35,093	0	0	0	
1993	0	0	0	0	0	0	0	2,696	72,645	0	0	0	
1994	0	0	0	0	0	0	0	3,506	71,202	0	0	0	
1995	0	0	0	0	0	0	0	1,154	97,072	0	0	0	
1996	0	45,000	0	0	0	0	0	1,185	96,250	0	0	0	
1997	0	35,000	0	0	0	0	0	1,111	104,823	0	0	0	
1998	0	23,800	0	0	0	0	0	1,311	72,646	0	0	0	
1999	0	30,000	0	0	0	0	0	2,127	92,262	0	0	0	
2000	0	23,730	0	0	0	1,500	0	3,793	89,622	0	0	0	
2001	0	0	0	0	0	0	0	636	73,105	0	0	0	
2002	0	3,311	24,000	0	0	0	0	1,457	91,123	0	0	0	
2003	0	33,000	0	0	0	0	0	1,379	87,174	0	0	0	
2004	0	0	32,522	0	0	0	0	1,299	97,722	0	0	0	
2005	0	55,448	0	0	0	0	0	824	93,554	0	0	0	
2006	0	64,036	0	0	0	0	0	0	98,417	0	0	0	
2007	0	3,692	0	0	0	0	0	4,030	94,334	0	0	0	
2008	0	4,306	0	0	0	0	0	263	93,417	0	0	0	
2009	0	0	0	0	0	300	0	127	96,776	0	0	0	
2010	0	51,990	0	800	0	5,350	0	381	92,220	0	0	974	
2011	0	65,770	0	500	0	0	0	1,160	105,682	0	0	3,500	
2012	0	0	0	0	0	2,000	0	1,019	94,519	0	5,500	0	
2013	0	0	0	0	0	2,500	0	1,167	110,418	0	5,500	0	
2014	0	0	0	0	0	9,786	0	0	87,728	0	0	0	
2015	0	0	0	0	0	8,200	0	4,553	84,288	0	0	0	
2016	0	9,634	0	0	0	5,000	0	1,037	91,735	942	0	0	
2017	0	71,163	5,340	0	0	3,569	255	19,966	93,037	0	0	0	
2018	900	42,600	0	0	0	3,985	7,490	0	422	91,111	0	0	
2019	1,100	63,600	5,002	1,652	511	0	2,887	0	472	87,332	0	14,975	
2020	0	5,000	0	0	0	0	0	0	13,649	0	0	0	
<b>2021</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	
2022	0	0	0	0	0	0	0	0	5,500	0	0	0	
2023	0	0	0	0	0	0	0	0	5,500	0	0	0	
2024	0	0	0	0	0	0	0	0	5,500	0	0	0	
2025	0	0	0	0	0	0	0	0	5,500	0	0	0	
2026	0	0	0	0	0	0	0	0	5,500	0	0	0	
2027	0	0	0	0	0	0	0	0	5,500	0	0	0	
2028	0	0	0	0	0	0	0	0	5,500	0	0	0	
2029	0	0	0	0	0	0	0	0	5,500	0	0	0	
2030	0	0	0	0	0	0	0	0	5,500	0	0	0	
2031	0	0	0	0	0	0	0	0	5,500	0	0	0	
2032	0	0	0	0	0	0	0	0	5,500	0	0	0	
2033	0	0	0	0	0	0	0	0	5,500	0	0	0	
2034	0	0	0	0	0	0	0	0	5,500	0	0	0	
2035	0	0	0	0	0	0	0	0	5,500	0	0	0	
<b>TOTAL</b>	<b>2,000</b>	<b>631,080</b>	<b>66,864</b>	<b>10,109</b>	<b>511</b>	<b>3,985</b>	<b>48,582</b>	<b>255</b>	<b>149,107</b>	<b>4,668,113</b>	<b>942</b>	<b>11,000</b>	<b>19,449</b>

<sup>4</sup> Castaic Lake Water Agency's SWP Water Supply Contract was transferred to Santa Clarita Valley Water Agency effective November 2, 2018.

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

Calendar Year	CALIFORNIA AQUEDUCT (continued)										
	SOUTH SAN JOAQUIN DIVISION (continued)										
	Reach 12D			Reach 12E							
	Dudley Ridge	Kern		Alameda Zone 7	Alameda County	AVEK	Dudley Ridge	Kern		Metropolitan	San Bernardino
Municipal and Industrial		Agricultural	Municipal and Industrial					Agricultural			
[108]	[109]	[110]	[111]	[112]	[113]	[114]	[115]	[116]	[117]	[118]	
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	9,279	0	0
1971	0	0	0	0	0	0	0	0	28,056	0	0
1972	0	0	0	0	0	0	0	0	62,342	0	0
1973	0	0	0	0	0	0	0	0	13,082	0	0
1974	0	0	0	0	0	0	0	2,651	4,248	0	0
1975	0	0	0	0	0	0	0	0	10,787	0	0
1976	0	0	0	0	0	0	0	37,519	20,555	0	0
1977	0	0	0	0	0	0	0	20,280	1,737	0	0
1978	0	0	0	0	0	0	0	47,133	15,011	0	0
1979	0	0	0	0	0	0	0	50,740	61,567	0	0
1980	0	0	0	0	0	0	0	32,039	22,252	0	0
1981	0	0	0	0	0	0	0	59,917	58,470	0	0
1982	0	0	0	0	0	0	0	36,139	75,587	0	0
1983	0	0	0	0	0	0	0	0	10,950	0	0
1984	0	0	0	0	0	0	0	63,941	39,929	0	0
1985	0	0	0	0	0	0	0	69,839	84,117	0	0
1986	0	0	0	0	0	0	0	62,109	51,540	0	0
1987	0	0	0	0	0	0	0	95,297	86,223	0	0
1988	0	0	0	0	0	0	0	86,390	123,249	0	0
1989	0	0	0	0	0	0	0	83,965	146,544	0	0
1990	0	0	0	0	0	0	0	82,164	38,973	0	0
1991	0	0	0	0	0	0	0	8,842	303	0	0
1992	0	0	0	0	0	0	0	47,181	57,048	0	0
1993	0	0	0	0	0	0	0	84,822	285,554	5,504	0
1994	0	0	0	0	0	0	0	66,188	77,839	0	0
1995	0	0	0	0	0	0	1,000	107,130	181,097	0	0
1996	0	0	0	0	0	0	4,131	89,257	134,138	0	0
1997	0	0	0	0	0	0	8,012	32,061	128,329	1,486	0
1998	0	0	0	0	0	0	5,925	28,258	88,998	24,234	0
1999	0	0	0	0	0	0	1,321	110,161	255,343	62,162	0
2000	0	21	0	0	0	0	953	11,772	156,215	149,731	0
2001	0	41	0	0	0	0	0	385	51,076	0	0
2002	0	760	6	0	0	0	0	0	135,335	0	0
2003	0	2,431	152	0	0	0	0	39,479	112,056	45,989	0
2004	0	3,419	768	0	0	0	1,600	52,303	95,893	0	0
2005	0	2,841	644	3,419	1,878	0	1,154	43,835	340,281	15,384	0
2006	0	2,513	1,556	10,000	0	0	0	82,207	296,230	5,065	0
2007	0	2,164	2,284	0	0	0	0	1,179	87,764	0	0
2008	0	1,514	3,000	0	0	0	0	0	58,983	0	0
2009	0	564	4,274	0	0	0	0	0	82,434	0	0
2010	0	1,904	2,206	10,000	0	0	0	4,851	72,809	134,855	0
2011	0	973	65	10,000	1,960	0	0	26,249	309,617	109,787	8,006
2012	0	3,128	939	20,308	0	0	200	19,423	102,054	92,803	19,066
2013	0	3,473	1,531	0	0	0	0	26,652	60,295	0	0
2014	0	0	5,225	0	0	0	0	0	500	0	0
2015	0	985	3,486	0	0	0	0	280	2,750	0	0
2016	0	2,225	1,442	7,000	0	0	0	1,225	64,819	3,908	0
2017	0	1,830	789	10,619	0	25,417	13,924	7,852	343,922	78,271	0
2018	107	923	28	0	0	0	0	0	90,347	3,512	0
2019	0	974	2	4,942	0	6,590	896	3,266	304,555	58,417	0
2020	0	0	3,029	0	0	0	0	6,392	25,999	0	0
2021	0	4,500	70,405	5,000	0	0	0	46,200	48,135	30,000	0
2022	0	4,500	70,405	5,000	0	0	0	46,200	48,135	30,000	0
2023	0	4,500	70,405	5,000	0	0	0	46,200	48,135	30,000	0
2024	0	4,500	70,405	5,000	0	0	0	46,200	48,135	30,000	0
2025	0	4,500	70,405	5,000	0	0	0	46,200	48,135	30,000	0
2026	0	4,500	70,405	5,000	0	0	0	46,200	48,135	30,000	0
2027	0	4,500	70,405	5,000	0	0	0	46,200	48,135	30,000	0
2028	0	4,500	70,405	5,000	0	0	0	46,200	48,135	30,000	0
2029	0	4,500	70,405	5,000	0	0	0	46,200	48,135	30,000	0
2030	0	4,500	70,405	5,000	0	0	0	46,200	48,135	30,000	0
2031	0	4,500	70,405	5,000	0	0	0	46,200	48,135	30,000	0
2032	0	4,500	70,405	5,000	0	0	0	46,200	48,135	30,000	0
2033	0	4,500	70,405	5,000	0	0	0	46,200	48,135	30,000	0
2034	0	4,500	70,405	5,000	0	0	0	46,200	48,135	30,000	0
2035	0	4,500	70,405	5,000	0	0	0	46,200	48,135	30,000	0
<b>TOTAL</b>	<b>107</b>	<b>100,183</b>	<b>1,087,501</b>	<b>151,288</b>	<b>3,838</b>	<b>32,007</b>	<b>39,116</b>	<b>2,424,373</b>	<b>5,689,106</b>	<b>1,241,108</b>	<b>27,132</b>

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

Calendar Year	CALIFORNIA AQUEDUCT (continued)										
	SOUTH SAN JOAQUIN DIVISION (continued)										
	Reach 12E (continued)			Reach 13B							
	Santa Barbara	Santa Clara	Santa Clarita <sup>4</sup>	Alameda-Zone 7	Alameda County	Dudley Ridge	Kern		Metropolitan	Palmdale	Santa Barbara
Municipal and Industrial							Agricultural				
	[119]	[120]	[121]	[122]	[123]	[124]	[125]	[126]	[127]	[128]	[129]
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	4,891	0	0	0
1971	0	0	0	0	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0	17,388	0	0	0
1973	0	0	0	0	0	0	0	9,297	0	0	0
1974	0	0	0	0	0	0	8,038	4,246	0	0	0
1975	0	0	0	0	0	0	8,538	7,059	0	0	0
1976	0	0	0	0	0	0	5,626	8,855	0	0	0
1977	0	0	0	0	0	0	0	5,024	0	0	0
1978	0	0	0	0	0	0	21,773	7,601	0	0	0
1979	0	0	0	0	0	0	5,663	17,766	0	0	0
1980	0	0	0	0	0	0	0	22,515	0	0	0
1981	0	0	0	0	0	0	7,844	14,037	0	0	0
1982	0	0	0	0	0	0	0	25,553	0	0	0
1983	0	0	0	0	0	0	0	3,491	0	0	0
1984	0	0	0	0	0	0	12,117	26,178	0	0	0
1985	0	0	0	0	0	0	0	67,711	0	0	0
1986	0	0	0	0	0	0	0	66,551	0	0	0
1987	0	0	0	0	0	0	5,609	40,374	0	0	0
1988	0	0	0	0	0	0	9,298	47,167	0	0	0
1989	0	0	0	0	0	0	5,504	57,114	0	0	0
1990	0	0	0	0	0	0	7,645	20,423	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	789	17,449	0	0	0
1993	0	0	0	0	0	0	12,798	88,157	0	0	0
1994	0	0	0	0	0	0	2,494	33,148	0	0	0
1995	0	0	0	0	0	0	8,751	110,685	0	0	0
1996	0	0	0	0	0	0	28,063	64,849	0	0	0
1997	0	0	0	0	0	0	43,803	49,312	0	0	0
1998	0	0	0	0	0	0	29,444	40,085	5,500	0	0
1999	0	0	0	0	0	0	12,969	92,998	0	0	0
2000	0	0	0	0	0	0	0	102,202	0	0	0
2001	0	0	0	0	0	1,733	0	33,925	0	0	0
2002	0	0	0	0	0	736	0	71,444	0	0	0
2003	0	0	0	0	0	350	2,396	124,582	1,865	0	0
2004	0	0	0	0	0	1,657	1,922	73,801	0	0	0
2005	0	2,619	20,000	2,321	0	14,540	21,781	269,631	192	0	0
2006	0	0	20,000	0	0	5,670	11,787	196,116	0	0	0
2007	0	0	8,200	0	0	2,161	0	72,240	0	0	0
2008	0	0	0	0	0	0	200	9,785	0	0	0
2009	0	0	0	0	0	0	0	12,060	0	0	0
2010	0	0	25,844	0	0	304	0	63,966	22,000	0	0
2011	4,002	706	0	2,331	3,420	34,733	4,896	265,382	25,845	7,000	7,893
2012	0	0	6,416	0	0	0	448	70,805	1,950	2,500	0
2013	0	0	0	0	0	0	0	14,189	0	0	0
2014	0	0	0	0	0	0	0	2,246	0	0	0
2015	0	0	0	0	0	0	0	481	0	0	0
2016	0	0	0	0	0	0	3,005	12,815	0	0	0
2017	0	0	0	0	0	28,487	3,201	191,350	4,477	352	0
2018	0	0	0	0	0	0	0	9,710	0	0	0
2019	0	0	0	0	0	20,124	0	118,397	0	0	0
2020	0	0	0	0	0	0	0	5,060	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
<b>TOTAL</b>	<b>4,002</b>	<b>3,325</b>	<b>80,460</b>	<b>4,652</b>	<b>3,420</b>	<b>110,495</b>	<b>286,402</b>	<b>2,690,111</b>	<b>61,829</b>	<b>9,852</b>	<b>7,893</b>

<sup>4</sup> Castaic Lake Water Agency's SWP Water Supply Contract was transferred to Santa Clarita Valley Water Agency effective November 2, 2018.

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

Calendar Year	CALIFORNIA AQUEDUCT (continued)											
	SOUTH SAN JOAQUIN DIVISION (continued)											
	Reach 13B (continued)		Reach 14A				Reach 14B				Reach 14C	
	Santa Clara	Tulare	AVEK	Dudley Ridge	Kern		AVEK	Dudley Ridge	Kern		AVEK	Dudley Ridge
Municipal and Industrial					Agricultural	Municipal and Industrial			Agricultural			
	[130]	[131]	[132]	[133]	[134]	[135]	[136]	[137]	[138]	[139]	[140]	[141]
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	3	0	0
1971	0	0	0	0	0	23,844	0	0	0	49,929	0	0
1972	0	0	0	0	0	26,621	0	0	0	77,034	0	0
1973	0	0	0	0	0	15,328	0	0	0	47,040	0	0
1974	0	0	0	0	0	7,794	0	0	0	32,356	0	0
1975	0	0	0	0	0	10,306	0	0	0	27,736	0	0
1976	0	0	0	0	0	268	0	0	0	35,296	0	0
1977	0	0	0	0	0	8,299	0	0	0	13,539	0	0
1978	0	0	0	0	0	34,029	0	0	0	72,351	0	0
1979	0	0	0	0	3,012	27,356	0	0	0	59,413	0	0
1980	0	0	0	0	4,312	16,876	0	0	0	40,513	0	0
1981	0	0	0	0	4,511	13,007	0	0	8	42,753	0	0
1982	0	0	0	0	3,735	24,240	0	0	184	57,739	0	0
1983	0	0	0	0	1,168	20,302	0	0	0	57,922	0	0
1984	0	0	0	0	137	35,369	0	0	10	79,179	0	0
1985	0	0	0	0	206	33,103	0	0	0	72,855	0	0
1986	0	0	0	0	180	26,384	0	0	0	70,864	0	0
1987	0	0	0	0	610	30,098	0	0	9	67,710	0	0
1988	0	0	0	0	622	32,778	0	0	19	75,968	0	0
1989	0	0	0	0	721	29,292	0	0	7	82,201	0	0
1990	0	0	0	0	673	26,800	0	0	13	81,076	0	0
1991	0	0	0	0	768	0	0	0	0	0	0	0
1992	0	0	0	0	673	16,238	0	0	464	41,143	0	0
1993	0	0	0	0	629	17,832	0	0	0	62,493	0	0
1994	0	0	0	0	2,513	16,760	0	0	3,000	54,011	0	0
1995	0	3,500	0	0	3	21,234	0	0	0	67,391	0	0
1996	0	0	0	0	0	26,978	0	0	0	85,936	0	0
1997	0	0	0	0	0	23,035	0	0	0	79,790	0	0
1998	0	0	0	0	0	15,706	0	0	0	58,132	0	0
1999	0	0	0	0	0	21,153	0	0	0	67,576	0	0
2000	0	0	0	0	0	19,264	0	0	0	70,585	0	0
2001	0	0	0	0	0	12,452	0	0	0	49,602	0	0
2002	0	0	0	0	0	11,161	0	0	0	52,762	0	0
2003	0	0	0	0	0	13,685	0	0	0	44,576	0	0
2004	0	0	0	0	0	13,030	0	0	0	52,012	0	0
2005	9,014	0	0	0	0	15,663	0	0	0	56,739	0	0
2006	0	0	0	0	0	17,779	0	0	0	65,142	0	0
2007	0	0	0	0	0	21,435	0	0	0	67,955	0	0
2008	2,324	0	0	0	0	20,087	0	0	0	63,497	0	0
2009	0	0	0	0	0	22,281	0	0	0	60,726	0	0
2010	0	10,000	0	0	0	21,964	0	0	0	58,110	0	0
2011	0	0	0	0	0	24,131	0	0	0	61,859	0	0
2012	0	8,000	0	0	0	25,982	0	0	0	64,489	0	0
2013	0	0	0	0	0	29,414	0	0	0	62,137	0	0
2014	0	0	0	0	0	28,172	0	0	0	50,337	0	0
2015	0	0	0	0	0	25,886	0	0	0	48,996	0	0
2016	0	0	0	0	0	27,686	0	0	0	55,147	0	0
2017	0	0	0	0	0	26,520	0	0	0	67,600	0	0
2018	0	0	1,207	820	0	24,524	0	2,220	0	56,850	290	2,327
2019	0	0	1,705	0	0	24,675	749	0	0	62,912	0	0
2020	0	0	0	0	0	31,193	0	0	0	14,056	0	0
2021	0	0	0	0	0	18,900	0	0	0	40,800	0	0
2022	0	0	0	0	0	18,900	0	0	0	40,800	0	0
2023	0	0	0	0	0	18,900	0	0	0	40,800	0	0
2024	0	0	0	0	0	18,900	0	0	0	40,800	0	0
2025	0	0	0	0	0	18,900	0	0	0	40,800	0	0
2026	0	0	0	0	0	18,900	0	0	0	40,800	0	0
2027	0	0	0	0	0	18,900	0	0	0	40,800	0	0
2028	0	0	0	0	0	18,900	0	0	0	40,800	0	0
2029	0	0	0	0	0	18,900	0	0	0	40,800	0	0
2030	0	0	0	0	0	18,900	0	0	0	40,800	0	0
2031	0	0	0	0	0	18,900	0	0	0	40,800	0	0
2032	0	0	0	0	0	18,900	0	0	0	40,800	0	0
2033	0	0	0	0	0	18,900	0	0	0	40,800	0	0
2034	0	0	0	0	0	18,900	0	0	0	40,800	0	0
2035	0	0	0	0	0	18,900	0	0	0	40,800	0	0
<b>TOTAL</b>	<b>11,338</b>	<b>21,500</b>	<b>2,912</b>	<b>820</b>	<b>24,473</b>	<b>1,341,514</b>	<b>749</b>	<b>2,220</b>	<b>3,714</b>	<b>3,458,038</b>	<b>290</b>	<b>2,327</b>

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

Calendar Year	CALIFORNIA AQUEDUCT (continued)											
	SOUTH SAN JOAQUIN DIVISION (continued)											TEHACHAPI DIVISION
	Reach 14C (continued)			Reach 15A				Reach 16A				Reach 17E
	Kern		Metropolitan	AVEK	Dudley Ridge	Kern		AVEK	Dudley Ridge	Kern		Kern
	Municipal and Industrial	Agricultural				Municipal and Industrial	Agricultural			Municipal and Industrial	Agricultural	Municipal and Industrial
[142]	[143]	[144]	[145]	[146]	[147]	[148]	[149]	[150]	[151]	[152]	[153]	
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	24,187	0	0	0	0	3,552	0	0	0	0	0
1972	0	35,016	0	0	0	0	6,064	0	0	0	4,768	0
1973	0	19,043	0	0	0	0	19,916	0	0	0	1,961	0
1974	0	12,601	0	0	0	0	18,000	0	0	3,000	1,564	0
1975	0	12,783	0	0	0	0	35,420	0	0	3,200	9,867	0
1976	0	9,005	0	0	0	0	39,551	0	0	3,500	11,667	0
1977	0	3,757	0	0	0	0	6,158	0	0	3,420	685	0
1978	0	24,542	0	0	0	0	31,148	0	0	7,989	1,655	0
1979	0	22,372	0	0	0	0	38,602	0	0	2,813	15,808	0
1980	0	19,953	0	0	0	0	37,817	0	0	2,700	16,145	0
1981	7	18,729	0	0	0	0	39,033	0	0	2,636	18,156	0
1982	0	26,479	0	0	0	0	47,782	0	0	1,921	16,577	0
1983	0	26,613	0	0	0	0	37,426	0	0	1,400	17,907	0
1984	2	34,996	0	0	0	0	49,848	0	0	1,338	24,246	0
1985	0	31,758	0	0	0	0	44,078	0	0	1,309	16,820	0
1986	0	34,566	0	0	0	0	42,461	0	0	1,213	15,559	0
1987	10	31,019	0	0	0	0	34,748	0	0	1,665	10,170	0
1988	1	37,165	0	0	0	16	41,978	0	0	1,925	8,987	0
1989	5	37,800	0	0	0	2	43,239	0	0	2,668	8,649	0
1990	9	34,174	0	0	0	6	36,347	0	0	2,819	8,608	0
1991	0	0	0	0	0	0	0	2,000	0	2,588	343	0
1992	0	18,084	0	0	0	0	24,243	0	0	2,087	8,275	0
1993	0	28,103	0	0	0	0	27,997	0	0	2,494	9,167	0
1994	1,000	22,624	0	0	0	0	29,511	0	0	3,011	13,877	0
1995	0	31,285	0	0	0	0	26,134	0	0	3,188	15,042	0
1996	0	38,879	0	0	0	0	36,186	0	0	2,573	18,142	0
1997	0	33,512	0	0	0	0	36,281	0	0	3,997	17,048	0
1998	0	23,097	0	0	0	0	28,712	0	0	3,751	17,032	0
1999	0	31,489	0	0	0	0	36,801	0	0	3,316	24,071	0
2000	0	33,716	0	0	0	0	40,063	0	0	3,015	20,919	0
2001	0	23,557	0	0	0	0	31,192	0	0	1,894	13,476	0
2002	0	27,138	0	0	0	0	41,552	0	0	4,227	14,520	0
2003	0	24,783	12,911	0	0	0	36,602	0	0	1,168	16,799	0
2004	0	30,313	0	0	0	0	40,184	0	0	2,239	19,714	0
2005	0	21,979	0	0	0	0	39,870	0	0	167	18,353	0
2006	1,413	20,193	5,440	0	0	0	46,244	0	0	279	22,570	0
2007	0	24,947	1,881	0	0	0	47,390	0	0	204	26,229	0
2008	0	27,847	0	0	0	0	33,029	0	0	3,834	18,426	0
2009	0	27,185	0	0	0	0	26,007	0	0	1,531	19,517	0
2010	0	25,477	29,818	0	0	0	22,045	0	0	1,033	19,829	0
2011	0	27,061	27,326	0	0	0	42,158	0	0	3,808	17,957	0
2012	0	23,446	31,703	0	0	0	27,920	0	0	3,453	19,842	0
2013	0	25,004	6,592	0	0	0	28,147	0	0	148	21,311	4
2014	0	20,992	0	0	0	0	10,784	0	0	0	18,673	1
2015	0	17,267	0	0	0	0	10,202	0	0	2,407	16,214	0
2016	0	23,159	911	0	0	0	15,901	0	0	1,324	21,278	0
2017	0	28,487	19,176	0	0	0	45,572	0	0	2,249	24,558	0
2018	0	23,473	18,751	2,149	979	0	15,525	2,243	1,249	258	22,838	0
2019	0	24,155	0	0	0	0	35,180	0	0	1,773	21,917	0
2020	0	11,915	0	0	0	0	28,676	0	0	2,522	18,419	0
2021	0	18,100	0	0	0	0	26,900	0	0	8,622	17,845	0
2022	0	18,100	0	0	0	0	26,900	0	0	8,622	17,845	0
2023	0	18,100	0	0	0	0	26,900	0	0	8,622	17,845	0
2024	0	18,100	0	0	0	0	26,900	0	0	8,622	17,845	0
2025	0	18,100	0	0	0	0	26,900	0	0	8,622	17,845	0
2026	0	18,100	0	0	0	0	26,900	0	0	8,622	17,845	0
2027	0	18,100	0	0	0	0	26,900	0	0	8,622	17,845	0
2028	0	18,100	0	0	0	0	26,900	0	0	8,622	17,845	0
2029	0	18,100	0	0	0	0	26,900	0	0	8,622	17,845	0
2030	0	18,100	0	0	0	0	26,900	0	0	8,622	17,845	0
2031	0	18,100	0	0	0	0	26,900	0	0	8,622	17,845	0
2032	0	18,100	0	0	0	0	26,900	0	0	8,622	17,845	0
2033	0	18,100	0	0	0	0	26,900	0	0	8,622	17,845	0
2034	0	18,100	0	0	0	0	26,900	0	0	8,622	17,845	0
2035	0	18,100	0	0	0	0	26,900	0	0	8,622	17,845	0
<b>TOTAL</b>	<b>2,447</b>	<b>1,507,225</b>	<b>154,509</b>	<b>2,149</b>	<b>979</b>	<b>24</b>	<b>1,966,776</b>	<b>4,243</b>	<b>1,249</b>	<b>239,384</b>	<b>1,013,830</b>	<b>5</b>



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

CALIFORNIA AQUEDUCT (continued)												
MOJAVE DIVISION												
Calendar Year	Reach 18A		Reach 19				Reach 20A					
	AVEK	AVEK	Metropolitan	Mojave	Santa Barbara	Santa Clara	AVEK	Metropolitan	Mojave	Palmdale	Santa Barbara	Santa Clara
	[154]	[155]	[156]	[157]	[158]	[159]	[160]	[161]	[162]	[163]	[164]	[165]
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	1,223	0	0	0	0	0	0	0	0	0	0
1975	0	7,622	0	0	0	0	420	0	0	0	0	0
1976	3,808	23,063	0	0	0	0	471	0	0	0	0	0
1977	1,231	8,927	0	0	0	0	773	0	0	0	0	0
1978	1,321	36,333	0	0	0	0	5,549	0	0	0	0	0
1979	2,098	49,910	0	0	0	0	7,555	0	0	0	0	0
1980	2,610	61,534	0	0	0	0	7,605	0	0	0	0	0
1981	2,340	65,690	0	0	0	0	10,333	0	0	0	0	0
1982	1,669	41,127	0	0	0	0	7,313	0	0	0	0	0
1983	43	26,377	0	0	0	0	6,253	0	0	0	0	0
1984	90	22,462	0	0	0	0	9,558	0	0	0	0	0
1985	8	23,440	0	0	0	0	11,613	0	0	1,510	0	0
1986	8	16,898	0	0	0	0	13,808	0	0	3,041	0	0
1987	0	15,958	0	0	0	0	15,493	0	0	2,389	0	0
1988	0	13,471	0	0	0	0	17,117	0	0	366	0	0
1989	0	18,007	0	0	0	0	23,481	0	0	381	0	0
1990	0	17,281	0	0	0	0	25,843	0	0	282	0	0
1991	0	728	0	0	0	0	4,282	0	1,391	84	0	0
1992	0	7,238	0	0	0	0	18,518	0	1,310	185	0	0
1993	0	13,340	0	0	0	0	23,662	0	1,514	164	0	0
1994	0	19,122	0	0	0	0	25,250	0	1,399	299	0	0
1995	0	20,222	0	0	0	0	22,385	0	1,227	328	0	0
1996	0	23,919	0	0	0	0	26,979	0	1,316	354	0	0
1997	0	28,834	0	64	0	0	27,999	0	1,272	313	0	0
1998	0	22,466	0	1,345	0	0	25,985	0	0	195	0	0
1999	0	30,944	0	1,439	0	0	32,409	0	0	377	0	0
2000	0	34,786	0	1,361	0	0	37,819	0	0	0	0	0
2001	0	24,370	0	1,385	0	0	33,216	0	0	0	0	0
2002	0	14,297	0	1,370	0	0	36,311	0	0	0	0	0
2003	0	12,145	0	1,285	0	0	39,532	0	0	0	0	0
2004	0	11,201	0	1,223	0	0	40,408	0	0	0	0	0
2005	11	11,804	0	1,051	0	0	41,496	0	0	0	0	0
2006	0	18,438	0	1,021	0	0	53,878	0	0	0	0	0
2007	0	22,916	0	1,176	0	0	47,639	0	0	0	0	0
2008	0	9,096	0	1,238	0	0	33,919	0	0	0	0	0
2009	0	5,717	0	1,345	0	0	35,402	0	0	0	0	0
2010	0	10,825	0	1,181	0	0	43,122	0	0	0	0	0
2011	0	55,707	0	2,184	0	0	35,543	0	0	0	0	0
2012	0	41,053	0	1,306	0	0	33,390	0	0	0	0	0
2013	16	13,414	0	1,095	0	0	33,507	0	0	0	0	0
2014	0	621	0	41	0	0	15,761	0	1,004	0	0	0
2015	0	0	0	0	0	0	12,447	0	1,023	0	0	0
2016	11	15,374	14	0	0	0	20,506	0	984	0	0	0
2017	318	66,255	7,526	71	5,781	2,000	19,123	2,500	858	0	0	5,500
2018	0	19,848	5,460	0	0	0	27,841	0	866	0	0	0
2019	0	28,218	20,001	0	100	0	28,085	0	502	0	1,219	0
2020	27	8,317	0	855	0	0	4,413	0	7	0	0	0
<b>2021</b>	<b>210</b>	<b>42,126</b>	<b>10,000</b>	<b>719</b>	<b>0</b>	<b>0</b>	<b>40,505</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
2022	222	43,386	10,000	740	0	0	39,107	0	0	0	0	0
2023	228	44,688	10,000	763	0	0	37,664	0	0	0	0	0
2024	234	46,030	10,000	789	0	0	36,191	0	0	0	0	0
2025	234	46,030	10,000	789	0	0	36,191	0	0	0	0	0
2026	234	46,030	10,000	789	0	0	36,191	0	0	0	0	0
2027	234	46,030	10,000	789	0	0	36,191	0	0	0	0	0
2028	234	46,030	10,000	789	0	0	36,191	0	0	0	0	0
2029	234	46,030	10,000	789	0	0	36,191	0	0	0	0	0
2030	234	46,030	10,000	789	0	0	36,191	0	0	0	0	0
2031	234	46,030	10,000	789	0	0	36,191	0	0	0	0	0
2032	234	46,030	10,000	789	0	0	36,191	0	0	0	0	0
2033	234	46,030	10,000	789	0	0	36,191	0	0	0	0	0
2034	234	46,030	10,000	789	0	0	36,191	0	0	0	0	0
2035	234	46,030	10,000	789	0	0	36,191	0	0	0	0	0
<b>TOTAL</b>	<b>19,077</b>	<b>1,723,098</b>	<b>183,001</b>	<b>33,726</b>	<b>5,881</b>	<b>2,000</b>	<b>1,595,580</b>	<b>2,500</b>	<b>14,673</b>	<b>10,268</b>	<b>1,219</b>	<b>5,500</b>

**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 20B			Reach 21			Reach 22A		Reach 22B		
	AVEK	Littlerock	Palmdale	AVEK	Littlerock	Palmdale	AVEK	Littlerock	AVEK <sup>5</sup>	Coachella <sup>6</sup>	Desert <sup>6</sup>
[166]	[167]	[168]	[169]	[170]	[171]	[172]	[173]	[174]	[175]	[176]	
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	338	0	0	0	0	0	
1973	0	0	0	0	290	0	0	0	5,800	9,000	
1974	0	0	0	0	400	0	0	0	6,400	10,000	
1975	0	0	0	0	520	0	0	0	7,000	11,000	
1976	416	0	0	0	589	0	0	0	7,600	12,000	
1977	271	0	0	0	111	0	0	0	0	0	
1978	934	0	0	0	208	0	0	0	10,084	15,300	
1979	930	0	0	0	133	0	0	0	10,063	15,000	
1980	655	0	0	0	191	0	3	0	10,884	17,000	
1981	966	0	0	0	1,270	0	46	0	12,105	19,000	
1982	8	0	0	0	0	0	174	0	13,326	21,000	
1983	20	0	0	0	38	0	268	0	14,547	23,000	
1984	2	0	0	0	1	0	550	0	15,768	25,000	
1985	217	0	32	0	0	16	1,786	0	16,989	27,000	
1986	0	0	45	0	163	10	1,735	0	18,210	29,000	
1987	151	0	1,624	0	1,080	1,366	2,273	5	214	19,431	
1988	281	0	1,261	0	419	143	3,210	0	0	20,652	
1989	112	0	7,848	0	971	780	3,591	0	89	21,873	
1990	84	0	8,292	0	1,747	34	3,988	0	10	23,100	
1991	131	0	3,830	0	522	0	2,427	0	0	6,930	
1992	650	0	3,850	0	251	0	3,859	0	0	10,427	
1993	996	0	7,597	0	734	0	5,098	0	0	0	
1994	124	0	8,119	0	1,098	0	4,657	0	0	0	
1995	0	0	6,633	0	480	0	4,679	0	0	0	
1996	0	0	11,080	0	494	0	5,458	0	0	0	
1997	0	0	11,548	0	444	0	5,549	0	0	0	
1998	0	0	8,557	0	404	0	4,468	0	0	0	
1999	36	0	12,901	0	342	0	5,684	0	0	0	
2000	80	0	9,060	5,002	0	0	5,890	0	0	0	
2001	282	0	10,427	0	0	0	4,989	0	0	0	
2002	1,662	0	18,496	0	0	0	5,404	0	497	0	
2003	2,289	0	11,547	0	0	0	6,063	0	0	0	
2004	1,774	0	12,139	0	0	23	6,095	0	253	0	
2005	1,336	0	11,678	0	0	34	5,184	0	0	0	
2006	1,415	0	12,487	0	0	5	6,653	0	0	0	
2007	1,349	0	19,609	0	0	25	7,711	0	588	0	
2008	792	25	14,255	0	0	0	4,756	0	0	0	
2009	366	42	15,339	0	0	0	4,185	0	0	0	
2010	643	0	10,969	0	0	0	3,899	0	0	0	
2011	507	0	9,881	0	0	0	2,289	0	0	0	
2012	901	0	16,397	0	0	0	2,328	0	0	0	
2013	693	0	10,567	0	0	0	3,227	0	118	0	
2014	744	0	8,406	0	0	0	1,318	0	88	0	
2015	447	0	5,836	0	0	0	1,298	0	116	0	
2016	677	0	10,516	0	0	0	3,155	0	144	0	
2017	1,204	0	13,858	0	0	0	2,231	0	0	0	
2018	1,551	0	10,210	0	0	0	2,212	0	0	0	
2019	1,375	0	11,821	0	26	0	2,680	0	245	0	
2020	3,932	0	4,192	0	411	0	2,007	0	0	0	
2021	1,954	0	18,780	0	1,380	0	1,409	0	492	0	
2022	2,017	0	18,780	0	1,380	0	1,448	0	504	0	
2023	2,076	0	18,780	0	1,380	0	1,494	0	528	0	
2024	2,139	0	18,780	0	1,380	0	1,538	0	540	0	
2025	2,139	0	18,780	0	1,380	0	1,538	0	540	0	
2026	2,139	0	18,780	0	1,380	0	1,538	0	540	0	
2027	2,139	0	18,780	0	1,380	0	1,538	0	540	0	
2028	2,139	0	18,780	0	1,380	0	1,538	0	540	0	
2029	2,139	0	18,780	0	1,380	0	1,538	0	540	0	
2030	2,139	0	18,780	0	1,380	0	1,538	0	540	0	
2031	2,139	0	18,780	0	1,380	0	1,538	0	540	0	
2032	2,139	0	18,780	0	1,380	0	1,538	0	540	0	
2033	2,139	0	18,780	0	1,380	0	1,538	0	540	0	
2034	2,139	0	18,780	0	1,380	0	1,538	0	540	0	
2035	2,139	0	18,780	0	1,380	0	1,538	0	540	0	
<b>TOTAL</b>	<b>62,718</b>	<b>67</b>	<b>622,607</b>	<b>5,002</b>	<b>34,375</b>	<b>2,436</b>	<b>165,884</b>	<b>5</b>	<b>10,366</b>	<b>251,189</b>	<b>402,027</b>

<sup>5</sup> Year 1988 advance allocation.

<sup>6</sup> 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)									
	Reach 22B (continued)					Reach 23	Reach 24			
	Littlerock	Metropolitan <sup>6</sup>	Mojave	Palmdale	Santa Barbara	Mojave	Crestline	Metropolitan <sup>6</sup>	Mojave	San Bernardino
[177]	[178]	[179]	[180]	[181]	[182]	[183]	[184]	[185]	[186]	
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	55	0	0	0	464	0	0	0
1973	0	(14,800)	0	0	0	0	389	0	0	0
1974	0	(16,400)	0	0	0	14	627	0	0	0
1975	0	(18,000)	0	0	0	0	825	0	0	0
1976	0	(19,600)	0	0	0	0	1,002	0	0	0
1977	0	0	22	0	0	58	1,109	0	0	0
1978	0	(25,384)	0	0	0	0	1,209	0	0	0
1979	0	(25,063)	4,000	0	0	0	1,260	0	0	0
1980	0	(27,884)	4,000	0	0	0	1,239	0	0	0
1981	0	(31,105)	4,000	0	0	0	1,485	0	0	0
1982	0	(34,326)	10,500	0	0	0	1,238	0	0	0
1983	0	(37,547)	0	0	0	0	911	0	0	0
1984	0	(40,768)	0	0	0	0	1,128	0	0	0
1985	0	(43,989)	0	0	0	0	1,422	0	0	0
1986	0	(47,210)	0	0	0	0	1,506	0	0	0
1987	0	(50,931)	17	0	0	0	1,849	0	0	0
1988	0	(54,652)	9	0	0	0	2,006	0	0	0
1989	0	(58,373)	0	0	0	200	2,170	0	0	0
1990	0	(61,200)	0	0	0	0	1,827	0	0	0
1991	0	(18,360)	0	0	0	0	849	0	2,032	0
1992	0	(27,624)	42	0	0	0	519	0	9,334	0
1993	0	0	0	0	0	0	439	0	10,000	0
1994	0	0	14,634	0	0	0	785	0	819	0
1995	0	0	7,495	0	0	0	409	0	0	0
1996	0	0	6,111	0	0	0	485	0	0	0
1997	0	0	9,038	0	0	0	651	0	0	0
1998	0	0	2,580	0	0	0	187	0	0	0
1999	0	0	6,705	0	0	0	1,132	0	0	0
2000	0	0	10,019	0	0	0	1,194	0	0	0
2001	0	0	3,048	0	0	0	1,057	0	0	0
2002	0	0	2,976	0	0	0	2,189	0	0	0
2003	0	7,625	13,150	0	0	0	1,563	17,249	0	0
2004	0	0	11,953	0	0	0	2,006	0	0	0
2005	0	5,942	12,169	0	0	0	807	14,058	341	0
2006	0	0	32,993	0	0	0	641	0	0	0
2007	0	0	27,684	0	0	0	1,768	0	17,249	710
2008	0	0	20,479	0	0	0	848	0	3,679	411
2009	0	0	20,214	0	0	0	894	0	7,488	149
2010	0	0	27,640	0	0	0	357	0	9,331	26
2011	0	30,907	2,915	0	0	0	474	14,141	0	31
2012	0	12,025	9,938	0	0	0	624	2,994	0	0
2013	0	0	5,888	0	0	0	1,368	0	500	0
2014	0	0	2,536	0	0	0	1,233	0	0	202
2015	0	0	7,807	0	0	0	1,253	0	0	0
2016	0	0	12,949	0	1,125	0	1,084	0	8,350	120
2017	0	0	23,020	0	0	0	897	0	10,866	219
2018	0	0	4,605	0	0	0	1,193	0	0	237
2019	200	0	16,971	245	0	0	75	0	4,457	0
2020	0	0	7,200	0	0	0	2,019	0	0	246
2021	0	0	31,430	0	0	0	3,480	0	0	163
2022	0	0	31,430	0	0	0	3,480	0	0	163
2023	0	0	31,430	0	0	0	3,480	0	0	163
2024	0	0	31,430	0	0	0	3,480	0	0	163
2025	0	0	31,430	0	0	0	3,480	0	0	163
2026	0	0	31,430	0	0	0	3,480	0	0	163
2027	0	0	31,430	0	0	0	3,480	0	0	163
2028	0	0	31,430	0	0	0	3,480	0	0	163
2029	0	0	31,430	0	0	0	3,480	0	0	163
2030	0	0	31,430	0	0	0	3,480	0	0	163
2031	0	0	31,430	0	0	0	3,480	0	0	163
2032	0	0	31,430	0	0	0	3,480	0	0	163
2033	0	0	31,430	0	0	0	3,480	0	0	163
2034	0	0	31,430	0	0	0	3,480	0	0	163
2035	0	0	31,430	0	0	0	3,480	0	0	163
<b>TOTAL</b>	<b>200</b>	<b>(596,717)</b>	<b>816,812</b>	<b>245</b>	<b>1,125</b>	<b>272</b>	<b>104,866</b>	<b>48,442</b>	<b>84,446</b>	<b>4,796</b>

<sup>6</sup> 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)									
	SANTA ANA DIVISION (continued)									
	Reach 26A					Reach 28G	Reach 28H			Reach 28J
	Coachella <sup>6</sup>	Desert <sup>6</sup>	Metropolitan <sup>6</sup>	San Bernardino <sup>7</sup>	San Gabriel	Metropolitan	Coachella	Desert	Metropolitan	Coachella
[187]	[188]	[189]	[190]	[191]	[192]	[193]	[194]	[195]	[196]	
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	1,275	0	0	0	0	0	0
1973	0	0	444	32,426	0	18,942	0	0	0	0
1974	0	0	84,981	16,605	612	0	0	16,605	0	0
1975	0	0	169,960	13,865	5,450	0	0	0	0	0
1976	0	0	215,312	12,273	6,071	0	0	0	55	0
1977	0	0	64,823	24,833	8,996	0	0	0	43	0
1978	0	0	297,708	4,055	7,771	0	0	0	48	0
1979	0	0	260,903	18	290	0	0	0	1,290	0
1980	0	0	300,345	0	1,085	0	0	0	3,013	0
1981	0	0	395,678	16,021	3,619	0	0	0	4,365	0
1982	0	0	214,566	8,409	12,599	0	0	0	3,961	0
1983	0	0	175,288	5,994	734	0	0	0	6,645	0
1984	0	0	122,311	5,556	7,656	0	0	0	109,743	0
1985	0	0	147,599	7,390	5,028	0	0	0	182,781	0
1986	0	0	215,265	6,421	9,454	0	0	0	131,439	0
1987	0	0	175,012	18,751	10,630	0	0	0	144,743	0
1988	0	0	247,101	21,386	8,948	0	0	0	199,641	0
1989	0	0	326,217	20,782	12,839	0	0	0	247,430	0
1990	0	0	399,387	18,831	16,649	0	0	0	257,796	0
1991	0	0	107,182	3,661	5,399	0	0	0	38,832	0
1992	0	0	219,524	3,358	7,908	0	0	0	85,341	0
1993	23,100	38,100	98,291	4,361	14,397	0	0	0	61,841	0
1994	14,102	23,257	192,979	9,135	15,230	0	0	0	134,262	0
1995	23,100	38,100	107,299	696	12,922	0	0	0	117,762	0
1996	62,219	102,622	73,438	6,064	15,989	0	0	0	144,906	0
1997	58,100	53,100	157,215	9,654	18,175	0	0	0	107,853	0
1998	78,100	58,100	36,770	1,878	9,310	0	6,582	7,708	77,473	1,027
1999	50,480	58,100	139,752	12,874	21,729	0	0	0	206,689	0
2000	42,323	58,234	326,647	0	15,140	0	0	0	379,713	0
2001	9,100	15,010	284,007	0	2,360	0	0	0	260,984	0
2002	16,755	27,640	301,700	26,399	24,851	0	0	0	340,635	0
2003	14,443	23,819	464,719	5,000	21,934	0	0	0	246,485	0
2004	15,465	21,190	428,316	40,000	12,541	0	0	0	357,995	0
2005	34,356	49,089	361,976	15,834	13,984	0	0	0	242,245	0
2006	121,100	50,000	404,594	20,000	16,284	0	0	0	342,734	0
2007	66,007	27,253	370,971	10,022	4,024	0	7,221	2,981	271,874	0
2008	40,171	24,643	210,520	187	7,212	0	6,620	1,785	175,460	0
2009	45,074	17,872	138,216	0	11,520	0	948	391	126,265	0
2010	53,866	18,398	463,654	20,008	19,180	0	30,415	12,257	129,145	1,311
2011	84,566	34,076	610,454	368	23,591	0	5,713	2,303	213,215	0
2012	98,793	33,806	362,047	50,723	22,058	0	16,575	8,266	86,266	2,219
2013	33,551	17,611	234,576	1,120	9,252	0	28,232	3,180	45,039	4,756
2014	9,966	3,049	95,402	1,345	1,200	0	1,103	0	0	1,801
2015	26,600	67	110,774	2,100	5,760	0	10,996	9,611	25,883	0
2016	59,654	21,893	427,649	3,974	16,088	0	9,768	0	72,825	0
2017	67,648	26,819	721,554	2,560	22,056	0	4,301	0	285,400	11,959
2018	112,282	47,746	176,825	3,654	17,055	0	24,386	0	135,252	2,421
2019	34,588	13,938	705,757	2,901	23,220	0	0	0	127,090	0
2020	85,622	25,899	46,443	519	4,543	0	12,389	10,339	48,157	10,917
<b>2021</b>	<b>83,010</b>	<b>33,450</b>	<b>249,331</b>	<b>0</b>	<b>17,280</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>279,951</b>	<b>0</b>
2022	83,010	33,450	249,331	0	17,280	0	0	0	279,951	0
2023	83,010	33,450	249,331	0	17,280	0	0	0	279,951	0
2024	83,010	33,450	249,331	0	17,280	0	0	0	279,951	0
2025	83,010	33,450	249,331	0	17,280	0	0	0	279,951	0
2026	83,010	33,450	249,331	0	17,280	0	0	0	279,951	0
2027	83,010	33,450	249,331	0	17,280	0	0	0	279,951	0
2028	83,010	33,450	249,331	0	17,280	0	0	0	279,951	0
2029	83,010	33,450	249,331	0	17,280	0	0	0	279,951	0
2030	83,010	33,450	249,331	0	17,280	0	0	0	279,951	0
2031	83,010	33,450	249,331	0	17,280	0	0	0	279,951	0
2032	83,010	33,450	249,331	0	17,280	0	0	0	279,951	0
2033	83,010	33,450	249,331	0	17,280	0	0	0	279,951	0
2034	83,010	33,450	249,331	0	17,280	0	0	0	279,951	0
2035	83,010	33,450	249,331	0	17,280	0	0	0	279,951	0
<b>TOTAL</b>	<b>2,626,281</b>	<b>1,431,181</b>	<b>15,932,116</b>	<b>493,286</b>	<b>792,543</b>	<b>18,942</b>	<b>165,249</b>	<b>58,821</b>	<b>10,379,879</b>	<b>36,411</b>

<sup>6</sup>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.

<sup>7</sup>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)

Calendar Year	CALIFORNIA AQUEDUCT (continued)									
	SANTA ANA DIVISION (continued)									
	Reach 28J (continued)		Reach EBX1			Reach EBX2C	Reach EBX3A		Reach EBX4B-G	Reach EBX4B
	Desert	Metropolitan	Coachella	Metropolitan	San Bernardino	San Bernardino	San Bernardino	San Gorgonio	San Gorgonio	San Gorgonio
[197]	[198]	[199]	[200]	[201]	[202]	[203]	[204]	[205]	[206]	
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	251	0	0	0	0	0	0	0	0
1976	0	2,000	0	0	0	0	0	0	0	0
1977	0	2,442	0	0	0	0	0	0	0	0
1978	0	64,054	0	0	0	0	0	0	0	0
1979	0	94,353	0	0	0	0	0	0	0	0
1980	0	91,532	0	0	0	0	0	0	0	0
1981	0	149,405	0	0	0	0	0	0	0	0
1982	0	155,629	0	0	0	0	0	0	0	0
1983	0	41,616	0	0	0	0	0	0	0	0
1984	0	5,672	0	0	0	0	0	0	0	0
1985	0	6,538	0	0	0	0	0	0	0	0
1986	0	30,071	0	0	0	0	0	0	0	0
1987	0	26,315	0	0	0	0	0	0	0	0
1988	0	22,209	0	0	0	0	0	0	0	0
1989	0	51,462	0	0	0	0	0	0	0	0
1990	0	36,060	0	0	0	0	0	0	0	0
1991	0	5,958	0	0	0	0	0	0	0	0
1992	0	12,223	0	0	0	0	0	0	0	0
1993	0	4,588	0	0	0	0	0	0	0	0
1994	0	4,725	0	0	0	0	0	0	0	0
1995	0	21,099	0	0	0	0	0	0	0	0
1996	0	12,418	0	0	0	0	0	0	0	0
1997	0	47,777	0	0	0	0	0	0	0	0
1998	4,839	50,411	0	0	0	0	0	0	0	0
1999	0	8,163	0	0	0	0	0	0	0	0
2000	0	7,864	0	5,466	18,399	0	4,466	0	0	0
2001	0	33,414	0	0	26,488	0	0	0	0	0
2002	0	41,552	0	1,427	37,069	0	0	0	0	0
2003	0	50,776	0	74,496	16,703	1,793	2,617	0	0	116
2004	0	20,437	0	120,338	13,229	1,430	2,371	0	0	841
2005	0	114,499	8,163	153,700	12,715	966	1,978	57	0	692
2006	0	32,242	0	147,432	11,832	885	2,455	159	3,471	807
2007	0	48,923	0	94,208	38,151	3,130	4,984	119	3,758	177
2008	0	10,432	0	16,745	25,038	686	8,536	287	3,863	1,042
2009	0	5,849	0	18,314	25,041	4,090	9,792	274	4,499	1,898
2010	528	65,439	0	0	19,190	617	9,415	123	2,555	5,685
2011	0	51,638	0	0	19,578	699	9,275	109	1,213	9,290
2012	3,029	36,875	0	0	27,534	3,177	9,440	164	0	11,010
2013	0	40,494	0	0	19,850	3,034	7,901	180	0	9,445
2014	0	998	0	0	4,610	375	4,322	102	0	5,044
2015	1,539	977	0	0	15,970	382	5,474	454	0	3,481
2016	0	30,785	0	0	46,122	3,649	7,784	647	0	10,816
2017	4,817	59,375	0	0	52,218	6,682	15,919	898	0	14,946
2018	0	13,336	0	0	26,108	4,241	9,258	553	0	12,622
2019	0	66,952	0	0	50,827	13,622	11,128	177	0	14,152
2020	0	0	0	0	21,908	51	786	0	0	8,006
2021	0	0	0	0	61,397	0	0	0	410	9,970
2022	0	0	0	0	61,397	0	0	0	410	9,970
2023	0	0	0	0	61,397	0	0	0	410	9,970
2024	0	0	0	0	61,397	0	0	0	410	9,970
2025	0	0	0	0	61,397	0	0	0	410	9,970
2026	0	0	0	0	61,397	0	0	0	410	9,970
2027	0	0	0	0	61,397	0	0	0	410	9,970
2028	0	0	0	0	61,397	0	0	0	410	9,970
2029	0	0	0	0	61,397	0	0	0	410	9,970
2030	0	0	0	0	61,397	0	0	0	410	9,970
2031	0	0	0	0	61,397	0	0	0	410	9,970
2032	0	0	0	0	61,397	0	0	0	410	9,970
2033	0	0	0	0	61,397	0	0	0	410	9,970
2034	0	0	0	0	61,397	0	0	0	410	9,970
2035	0	0	0	0	61,397	0	0	0	410	9,970
<b>TOTAL</b>	<b>14,752</b>	<b>1,679,828</b>	<b>8,163</b>	<b>632,126</b>	<b>1,449,535</b>	<b>49,509</b>	<b>123,435</b>	<b>4,303</b>	<b>25,509</b>	<b>259,620</b>

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

Calendar Year	CALIFORNIA AQUEDUCT (continued)						
	WEST BRANCH						
	Reach 29A	Reach 29F	Reach 29H		Reach 30		
	AVEK	AVEK	Santa Clarita <sup>4</sup>	Ventura	Coachella	Desert	Metropolitan <sup>8</sup>
[207]	[208]	[209]	[210]	[211]	[212]	[213]	
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	0	53	0	0	0	0	71,938
1973	0	20	0	0	0	0	155,297
1974	0	36	0	0	0	0	209,136
1975	0	26	0	0	0	0	374,280
1976	0	24	0	0	0	0	420,684
1977	0	0	0	0	0	0	122,447
1978	0	0	0	0	0	0	171,139
1979	0	0	0	0	0	0	145,591
1980	0	0	0	0	0	0	164,721
1981	0	0	0	0	0	0	277,503
1982	0	0	0	0	0	0	351,362
1983	0	0	0	0	0	0	157,519
1984	0	0	0	0	0	0	260,624
1985	0	0	0	0	0	0	390,696
1986	0	0	0	0	0	0	379,275
1987	0	0	0	0	0	0	417,285
1988	0	0	0	0	0	0	488,265
1989	0	0	0	0	0	0	589,962
1990	0	0	0	4,836	0	0	764,380
1991	0	0	0	988	0	0	257,835
1992	0	0	0	0	0	0	420,849
1993	0	6	0	0	0	0	437,470
1994	0	0	0	0	0	0	475,900
1995	0	0	0	0	0	0	139,882
1996	0	0	0	0	0	0	267,618
1997	0	11	0	0	10,240	16,890	271,379
1998	0	7	0	0	0	0	187,277
1999	0	0	0	0	0	0	327,001
2000	0	0	0	2,200	0	0	632,991
2001	0	0	0	0	0	0	444,764
2002	0	0	0	3,148	0	0	723,605
2003	0	0	6,768	3,150	0	0	678,964
2004	0	0	0	4,047	0	0	797,294
2005	0	0	0	0	0	0	538,839
2006	0	0	0	0	0	0	574,679
2007	0	0	0	1,890	0	0	711,831
2008	0	0	0	1,980	0	0	485,156
2009	0	0	0	3,150	0	0	589,294
2010	0	0	0	3,150	0	0	376,877
2011	0	0	0	2,520	0	0	375,921
2012	0	24	0	3,150	0	0	553,244
2013	0	47	0	2,242	0	0	565,849
2014	0	0	0	0	0	0	275,992
2015	0	0	0	630	0	0	435,892
2016	0	0	0	1,890	0	0	509,583
2017	510	0	0	2,678	0	0	354,401
2018	0	0	0	1,102	0	0	326,408
2019	0	0	0	18,150	0	0	281,887
2020	27	0	0	6,309	0	0	305,106
<b>2021</b>	<b>210</b>	<b>0</b>	<b>0</b>	<b>1,890</b>	<b>0</b>	<b>0</b>	<b>517,618</b>
2022	222	0	0	1,890	0	0	517,618
2023	228	0	0	1,890	0	0	517,618
2024	234	0	0	1,890	0	0	517,618
2025	234	0	0	1,890	0	0	517,618
2026	234	0	0	1,890	0	0	517,618
2027	234	0	0	1,890	0	0	517,618
2028	234	0	0	1,890	0	0	517,618
2029	234	0	0	1,890	0	0	517,618
2030	234	0	0	1,890	0	0	517,618
2031	234	0	0	1,890	0	0	517,618
2032	234	0	0	1,890	0	0	517,618
2033	234	0	0	1,890	0	0	517,618
2034	234	0	0	1,890	0	0	517,618
2035	234	0	0	1,890	0	0	517,618
<b>TOTAL</b>	<b>4,005</b>	<b>254</b>	<b>6,768</b>	<b>95,560</b>	<b>10,240</b>	<b>16,890</b>	<b>27,000,162</b>

<sup>4</sup> Castaic Lake Water Agency's SWP Water Supply Contract was transferred to Santa Clarita Valley Water Agency effective November 2, 2018.

<sup>8</sup> 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)**

Calendar Year	CALIFORNIA AQUEDUCT (continued)								
	WEST BRANCH (continued)				COASTAL BRANCH				
	Reach 30 (continued)				Reach 31A				
	San Bernardino	Santa Barbara	Santa Clarita <sup>4</sup>	Ventura	AVEK	Dudley Ridge	Kern		Kings
[214]	[215]	[216]	[217]	[218]	[219]	[220]	[221]	[222]	
						Municipal and Industrial	Agricultural		
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	71,657	0
1969	0	0	0	0	0	0	0	52,094	0
1970	0	0	0	0	0	0	0	71,910	0
1971	0	0	0	0	0	0	0	98,481	0
1972	0	0	0	0	0	0	0	107,850	0
1973	0	0	0	0	0	0	0	69,227	0
1974	0	0	0	0	0	0	0	68,474	0
1975	0	0	0	0	0	0	0	74,516	0
1976	0	0	0	0	0	0	0	78,358	0
1977	0	0	0	0	0	0	0	35,504	0
1978	0	0	0	0	0	0	0	81,242	0
1979	0	0	7	0	0	0	0	104,017	0
1980	0	0	1,210	0	0	0	0	97,497	0
1981	0	0	5,761	0	0	0	0	97,054	0
1982	0	0	9,516	0	0	0	0	83,076	0
1983	0	0	9,476	0	0	0	0	87,859	0
1984	0	0	11,477	0	0	0	0	119,098	0
1985	0	0	12,401	0	0	0	0	110,124	0
1986	0	0	13,928	0	0	0	0	118,298	0
1987	0	0	16,167	0	0	0	0	116,259	0
1988	0	0	18,904	0	0	0	0	109,435	0
1989	0	0	21,719	0	0	0	0	102,156	0
1990	0	0	22,139	0	0	0	0	103,362	0
1991	0	1,240	3,846	0	0	0	0	780	0
1992	0	0	14,812	0	0	0	0	73,748	0
1993	0	0	13,787	0	0	0	0	90,764	0
1994	0	0	14,919	0	0	0	200	77,536	0
1995	0	0	17,747	0	0	0	0	85,050	0
1996	0	0	18,448	0	0	0	0	100,578	0
1997	0	0	22,842	1,850	0	0	0	97,020	0
1998	0	0	19,782	1,850	0	0	0	86,879	0
1999	0	0	28,813	1,850	0	0	0	92,095	0
2000	0	0	31,085	1,850	0	0	0	85,215	0
2001	0	0	30,701	1,850	0	0	0	63,448	0
2002	8,601	0	42,080	1,850	0	0	0	65,055	0
2003	0	0	44,967	1,850	0	0	0	65,691	0
2004	0	0	47,463	1,203	0	0	0	66,498	0
2005	0	0	36,747	1,665	0	4,684	0	68,190	0
2006	0	0	40,017	1,850	0	0	0	85,214	0
2007	0	0	45,919	1,110	0	0	0	93,954	49
2008	0	0	42,878	1,818	0	0	17,059	68,385	0
2009	0	0	38,784	741	0	0	0	83,255	0
2010	0	0	31,288	925	0	2,967	0	81,047	276
2011	0	0	31,445	1,480	0	200	0	86,594	238
2012	0	0	36,153	1,203	33,511	0	0	50,050	0
2013	0	0	44,126	648	0	0	0	82,887	0
2014	0	0	29,448	93	0	0	0	74,406	0
2015	0	0	29,189	370	0	7,500	0	71,616	0
2016	0	0	31,888	1,110	1,489	0	0	86,363	0
2017	0	0	47,912	11,573	0	500	0	94,876	1,704
2018	0	0	42,835	648	0	2,542	0	86,401	0
2019	0	0	42,961	1,388	3,648	0	0	73,993	347
2020	0	0	52,702	2,528	0	0	0	87,377	275
<b>2021</b>	<b>0</b>	<b>0</b>	<b>55,120</b>	<b>10,110</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>52,810</b>	<b>183</b>
2022	0	0	55,120	10,110	0	0	0	52,810	183
2023	0	0	55,120	10,110	0	0	0	52,810	183
2024	0	0	55,120	10,110	0	0	0	52,810	183
2025	0	0	55,120	10,110	0	0	0	52,810	183
2026	0	0	55,120	10,110	0	0	0	52,810	183
2027	0	0	55,120	10,110	0	0	0	52,810	183
2028	0	0	55,120	10,110	0	0	0	52,810	183
2029	0	0	55,120	10,110	0	0	0	52,810	183
2030	0	0	55,120	10,110	0	0	0	52,810	183
2031	0	0	55,120	10,110	0	0	0	52,810	183
2032	0	0	55,120	10,110	0	0	0	52,810	183
2033	0	0	55,120	10,110	0	0	0	52,810	183
2034	0	0	55,120	10,110	0	0	0	52,810	183
2035	0	0	55,120	10,110	0	0	0	52,810	183
<b>TOTAL</b>	<b>8,601</b>	<b>1,240</b>	<b>1,945,089</b>	<b>194,953</b>	<b>38,648</b>	<b>18,393</b>	<b>17,259</b>	<b>5,174,663</b>	<b>5,634</b>

<sup>4</sup> Castaic Lake Water Agency's SWP Water Supply Contract was transferred to Santa Clarita Valley Water Agency effective November 2, 2018.

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

Calendar Year	CALIFORNIA AQUEDUCT (continued)					Total	Grand Total			
	COASTAL BRANCH (continued)				Total			Grand Total		
	Reach 31A (continued)		Reach 33A						Total	Grand Total
	Santa Clarita <sup>4</sup>	Tulare	San Luis Obispo	Santa Barbara						
	[223]	[224]	[225]	[226]	[227]	[228]				
1962	0	0	0	0	0	8,906				
1963	0	0	0	0	0	12,645				
1964	0	0	0	0	0	20,911				
1965	0	0	0	0	0	34,026				
1966	0	0	0	0	0	54,913				
1967	0	0	0	0	0	56,763				
1968	7,382	0	0	0	192,188	294,457				
1969	9,970	0	0	0	195,705	268,104				
1970	11,739	0	0	0	276,211	369,459				
1971	12,490	0	0	0	553,081	654,442				
1972	13,905	0	0	0	895,006	1,037,770				
1973	9,418	0	0	0	638,930	737,532				
1974	9,700	0	0	0	783,984	878,947				
1975	10,700	0	0	0	1,129,728	1,230,830				
1976	11,700	0	0	0	1,245,662	1,380,124				
1977	5,075	0	0	0	465,442	582,381				
1978	11,362	0	0	0	1,339,268	1,458,733				
1979	19,138	0	0	0	1,537,075	1,666,457				
1980	13,882	0	0	0	1,413,363	1,536,456				
1981	12,700	0	0	0	1,779,479	1,918,563				
1982	12,700	0	0	0	1,641,571	1,750,862				
1983	12,659	0	0	0	1,089,626	1,187,156				
1984	12,741	0	0	0	1,489,814	1,591,416				
1985	12,099	0	0	0	1,863,544	1,990,295				
1986	13,301	0	0	0	1,882,290	1,999,155				
1987	11,821	0	0	0	1,984,570	2,131,608				
1988	11,534	0	0	0	2,221,538	2,385,122				
1989	14,645	0	0	0	2,686,838	2,853,747				
1990	6,440	0	0	0	2,398,121	2,582,151				
1991	716	0	0	0	489,489	549,113				
1992	5,887	0	0	0	1,374,775	1,471,454				
1993	4,157	0	0	0	2,173,352	2,315,235				
1994	9,422	0	0	0	1,727,504	1,861,976				
1995	9,486	0	0	0	1,926,835	2,031,423				
1996	14,052	0	0	0	2,429,928	2,543,472				
1997	4,870	0	1,099	7,439	2,263,966	2,405,444				
1998	311	0	3,592	18,618	1,657,381	1,764,963				
1999	4,086	0	3,743	20,137	2,755,025	2,898,961				
2000	8,395	0	3,962	22,741	3,390,079	3,569,072				
2001	1,238	0	4,283	18,946	2,034,350	2,175,194				
2002	2,737	0	4,355	27,636	2,738,943	2,909,555				
2003	4,001	0	4,453	26,968	3,151,625	3,327,811				
2004	3,776	0	4,165	29,705	3,050,652	3,230,590				
2005	2,709	0	4,251	23,344	3,597,829	3,753,874				
2006	2,735	0	4,209	23,275	3,526,551	3,693,938				
2007	6,071	0	3,776	27,740	3,088,763	3,284,475				
2008	0	0	3,402	18,393	1,978,428	2,152,219				
2009	1	0	3,801	15,452	2,065,868	2,227,564				
2010	768	0	3,757	17,775	2,694,511	2,836,927				
2011	1,746	0	3,819	21,050	3,510,684	3,666,432				
2012	2,404	0	3,944	19,474	2,726,325	2,881,783				
2013	6,128	0	3,681	18,018	2,023,225	2,224,875				
2014	0	0	3,206	16,757	1,111,222	1,242,286				
2015	0	0	3,438	11,673	1,339,811	1,497,970				
2016	0	0	4,199	27,182	2,203,916	2,359,869				
2017	370	2,159	2,845	29,740	3,648,178	3,770,284				
2018	62	0	2,427	27,448	1,861,752	2,048,578				
2019	382	11,606	2,642	18,138	2,927,812	3,058,014				
2020	0	0	4,644	6,823	1,245,045	1,413,311				
<b>2021</b>	<b>2,000</b>	<b>0</b>	<b>13,256</b>	<b>27,292</b>	<b>2,295,776</b>	<b>2,473,936</b>				
2022	2,000	0	13,294	27,292	2,295,571	2,473,995				
2023	2,000	0	13,370	27,292	2,295,442	2,474,094				
2024	2,000	0	13,406	27,292	2,295,204	2,474,156				
2025	2,000	0	13,406	27,292	2,295,204	2,474,156				
2026	2,000	0	13,406	27,292	2,295,204	2,474,156				
2027	2,000	0	13,406	27,292	2,295,204	2,474,156				
2028	2,000	0	13,406	27,292	2,295,204	2,474,156				
2029	2,000	0	13,406	27,292	2,295,204	2,474,156				
2030	2,000	0	13,406	27,292	2,295,204	2,474,156				
2031	2,000	0	13,406	27,292	2,295,204	2,474,156				
2032	2,000	0	13,406	27,292	2,295,204	2,474,156				
2033	2,000	0	13,406	27,292	2,295,204	2,474,156				
2034	2,000	0	13,406	27,292	2,295,204	2,474,156				
2035	2,000	0	13,406	27,292	2,295,204	2,474,156				
<b>TOTAL</b>	<b>393,611</b>	<b>13,765</b>	<b>288,485</b>	<b>903,852</b>	<b>134,846,095</b>	<b>144,952,490</b>				

<sup>4</sup> Castaic Lake Water Agency's SWP Water Supply Contract was transferred to Santa Clarita Valley Water Agency effective November 2, 2018.

## 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)**

Calendar Year	CALIFORNIA AQUEDUCT												
	SAN LUIS DIVISION												
	Reach 1		Reach 3A										
	Santa Clara	Alameda-Zone 7	Alameda County	AVEK	Crestline	Dudley Ridge	Kern (Agricultural)	Kings	Metropolitan	Mojave	Palmdale	San Bernardino	San Gabriel
[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	(11,135)	0	0	0	0	0	0
2001	0	0	0	0	0	0	(11,487)	0	0	0	0	0	0
2002	0	0	0	0	0	0	(9,332)	0	0	0	0	0	0
2003	0	0	0	0	0	0	(18,428)	0	0	0	0	0	0
2004	0	0	0	0	0	0	(866)	0	0	0	0	0	0
2005	0	0	0	0	0	(576)	(20,082)	0	0	0	0	0	0
2006	0	0	0	0	0	0	(20,239)	0	0	0	0	0	0
2007	0	0	0	0	0	0	(9,867)	0	0	0	0	0	0
2008	(8,885)	0	0	0	0	0	(99,439)	0	0	0	0	0	0
2009	0	0	0	(5,926)	(1)	(28)	(88,699)	0	(815)	(5)	(15)	(21)	(4)
2010	0	0	0	0	0	0	(87,370)	0	(181,745)	0	0	0	0
2011	0	0	0	0	0	0	(56,909)	0	(106,423)	0	0	0	0
2012	0	0	0	0	0	(6,068)	(60,762)	0	0	0	0	0	0
2013	0	0	0	0	0	0	(11,846)	0	0	0	0	0	0
2014	0	0	0	(32)	(5)	(36)	(114,007)	(2)	(789)	(6)	(14)	(23)	(6)
2015	0	(6,264)	(8,763)	(6)	(1)	(16,796)	(76,141)	0	(159)	(1)	(3)	(5)	(1)
2016	0	(1,904)	(4,677)	0	0	0	(69,891)	0	0	0	0	0	0
2017	0	0	0	0	0	(14,831)	(68,628)	0	(70,867)	0	0	0	0
2018	0	0	0	0	0	(7,885)	(55,715)	0	0	0	0	0	0
2019	0	0	0	0	0	0	(80,188)	0	0	0	0	0	0
2020	0	0	0	0	0	0	(886)	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
<b>TOTAL</b>	<b>(8,885)</b>	<b>(8,168)</b>	<b>(13,440)</b>	<b>(5,964)</b>	<b>(7)</b>	<b>(46,220)</b>	<b>(971,917)</b>	<b>(2)</b>	<b>(360,798)</b>	<b>(12)</b>	<b>(32)</b>	<b>(49)</b>	<b>(11)</b>

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

Sheet 2 of 5

Calendar Year	CALIFORNIA AQUEDUCT (continued)												
	SAN LUIS DIVISION (continued)							SOUTH SAN JOAQUIN DIVISION					
	Reach 3A (continued)				Reach 4			Reach 7		Reach 10A			
	San Geronio	San Luis Obispo	Santa Barbara	Santa Clara	Santa Clarita <sup>1</sup>	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	(12,806)	0	(24,167)	(2,981)	0	0	0
2001	0	0	0	0	0	0	0	0	0	(25,164)	(1,807)	0	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	0	(6,020)	0	0	0	0
2005	0	0	0	(20,000)	0	(277)	0	0	0	0	0	0	0
2006	0	0	0	(53,573)	0	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	(3,681)	0	0	0	0	0	0	(7,000)	0	(10,000)
2009	(4)	(2)	(19)	(1,000)	(38)	(49)	(1)	0	0	0	0	0	(3,083)
2010	0	0	0	(44,668)	(3,300)	(17,551)	0	0	0	0	0	0	0
2011	0	0	0	(51,404)	0	(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	(13)	(134)	(926)	0	(34)	(8)	0	0	0	0	(8,074)	(13,652)	(13,652)
2015	(3)	(27)	(187)	(21,076)	(7)	(1)	0	0	0	0	(11,185)	(14,115)	(14,115)
2016	0	0	0	(6,706)	0	0	0	0	0	0	0	(324)	0
2017	0	0	(11,128)	(83,322)	(17,988)	(4,000)	0	0	0	0	0	0	0
2018	0	0	0	(32,999)	0	(16,950)	0	0	0	0	0	0	(5,000)
2019	0	0	0	(62,615)	0	(7,754)	0	0	0	0	0	0	0
2020	0	0	0	0	0	(551)	0	0	0	0	0	(468)	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
<b>TOTAL</b>	<b>(20)</b>	<b>(163)</b>	<b>(12,260)</b>	<b>(381,044)</b>	<b>(21,367)</b>	<b>(77,657)</b>	<b>(1)</b>	<b>(12,806)</b>	<b>(6,020)</b>	<b>(24,167)</b>	<b>(28,145)</b>	<b>(32,858)</b>	<b>(54,850)</b>

<sup>1</sup> Castaic Lake Water Agency's SWP Water Supply Contract was transferred to Santa Clarita Valley Water Agency effective November 2, 2018.

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

Calendar Year	CALIFORNIA AQUEDUCT (continued)												
	SOUTH SAN JOAQUIN DIVISION (continued)												
	Reach 10A (continued)						Reach 12E						
	Desert	Kern (Agricultural)	Metropolitan	San Bernardino	Santa Clara	Santa Clarita <sup>1</sup>	Alameda-Zone 7	AVEK	Coachella	Desert	Dudley Ridge	Kern (Agricultural)	Metropolitan
	[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	(1,813)	(31,500)	0	(30,000)	0	0	0	0	0	0	0	(20,800)
2002	0	0	0	0	0	0	0	0	0	0	0	(14,638)	0
2003	0	0	(10,000)	0	0	0	0	0	0	0	0	(5,170)	(5,073)
2004	0	(3)	(93,555)	0	0	0	0	0	0	0	0	0	(17,765)
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	(12,469)	(93,986)	0	(20,000)	0	0	0	0	0	0	(16,618)	(5,000)
2008	(4,864)	0	(99,024)	0	(10,000)	0	0	(8,393)	(3,000)	(3,486)	0	(103,683)	(8,402)
2009	0	(7,733)	(65,499)	0	(27,319)	(4,950)	0	(6,393)	(3,000)	0	0	(105,145)	(14,516)
2010	0	(56)	0	0	0	0	0	0	(8,393)	0	0	(43,833)	(52,413)
2011	0	0	0	0	0	0	0	0	0	0	0	(14,223)	(23,419)
2012	0	0	0	0	(17,000)	0	0	0	(4,000)	0	0	(12,815)	0
2013	0	(24,626)	(37,544)	0	(27,308)	0	0	0	(16,500)	0	0	(34,355)	(31,478)
2014	0	(7,476)	(30,049)	(694)	(29,134)	(4,951)	(5,901)	0	(5,000)	0	0	(90,996)	(9,882)
2015	0	(20,190)	(32,517)	0	(40,572)	0	(5,029)	0	(9,500)	0	0	(56,927)	(6,899)
2016	0	(626)	(12,440)	0	(1,122)	0	0	0	(16,500)	0	0	(64,384)	(23,389)
2017	0	0	0	0	0	0	0	0	(5,397)	0	0	(6,075)	(6,375)
2018	0	0	0	0	0	0	0	0	(20,603)	0	(6,379)	(44,565)	(2,618)
2019	0	0	0	0	0	0	0	(99)	0	0	0	(3,504)	(5,114)
2020	0	0	0	0	0	0	0	0	0	0	0	(20,637)	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
<b>TOTAL</b>	<b>(4,864)</b>	<b>(74,992)</b>	<b>(506,114)</b>	<b>(694)</b>	<b>(202,455)</b>	<b>(9,901)</b>	<b>(10,930)</b>	<b>(14,885)</b>	<b>(91,893)</b>	<b>(3,486)</b>	<b>(6,379)</b>	<b>(637,568)</b>	<b>(233,143)</b>

<sup>1</sup> Castaic Lake Water Agency's SWP Water Supply Contract was transferred to Santa Clarita Valley Water Agency effective November 2, 2018.

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

Sheet 4 of 5

Calendar Year	CALIFORNIA AQUEDUCT (continued)											
	SOUTH SAN JOAQUIN DIVISION (continued)											
	Reach 12E (continued)				Reach 13B							
	San Bernardino	San Geronio	Santa Clara	Santa Clarita <sup>1</sup>	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]	[51]	
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	0
2001	0	0	0	0	0	0	0	(132,228)	0	0	0	0
2002	0	0	0	0	0	0	0	(22,161)	0	0	0	0
2003	0	0	0	0	0	0	0	(15,316)	(24,523)	0	0	0
2004	0	0	0	0	0	0	0	(43,985)	(4,813)	0	0	0
2005	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
2007	0	0	0	(11,000)	0	0	0	(257,750)	0	(4,926)	0	0
2008	0	0	0	(11,000)	0	0	0	(228,579)	(25,721)	0	0	0
2009	0	0	(6,134)	(11,000)	0	0	0	(186,044)	0	0	0	0
2010	0	0	0	(2,750)	0	0	0	(59,451)	0	0	0	0
2011	0	0	0	0	0	0	0	(29,041)	0	0	0	0
2012	0	0	0	0	0	0	(6,068)	(103,364)	0	0	0	0
2013	(1,500)	0	0	0	0	0	0	(160,286)	(1,033)	0	0	(17,692)
2014	(400)	0	0	(13,824)	(931)	(1,088)	(16,789)	(161,077)	(17,184)	0	(3,906)	(5,253)
2015	0	0	(288)	(13,993)	(1,600)	(2,097)	(14,460)	(112,780)	(21,935)	0	0	(4,625)
2016	0	0	0	(5,940)	0	0	0	(28,033)	0	0	0	0
2017	0	(1,700)	0	0	0	0	0	(60,240)	0	0	0	0
2018	0	(1,700)	0	(6,000)	0	0	(1,506)	(54,934)	0	0	0	0
2019	0	(1,601)	0	(1,100)	0	0	0	(40,181)	0	0	0	0
2020	0	0	0	0	0	0	(3,540)	(197,580)	0	0	0	0
<b>2021</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
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
<b>TOTAL</b>	<b>(1,900)</b>	<b>(5,001)</b>	<b>(6,422)</b>	<b>(76,607)</b>	<b>(2,531)</b>	<b>(3,185)</b>	<b>(42,363)</b>	<b>(1,893,030)</b>	<b>(95,209)</b>	<b>(4,926)</b>	<b>(3,906)</b>	<b>(27,570)</b>

<sup>1</sup> Castaic Lake Water Agency's SWP Water Supply Contract was transferred to Santa Clarita Valley Water Agency effective November 2, 2018.



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

Calendar Year	CALIFORNIA AQUEDUCT (continued)										GRAND TOTAL
	SOUTH SAN JOAQUIN DIVISION (continued)					MOJAVE DIVISION				SANTA ANA DIVISION	
	Reach 14B	Reach 14C		Reach 15A	Reach 16A	Reach 22A	Reach 22B		Reach 24	Reach EBX2C	
	Kern (Agricultural)	Kern (Agricultural)	Metropolitan	Kern (Agricultural)	Kern (Agricultural)	AVEK	AVEK	Metropolitan	Metropolitan	San Bernardino	
[52]	[53]	[54]	[55]	[56]	[57]	[58]	[59]	[60]	[61]	[62]	
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	(51,089)
2001	(396)	(242)	0	0	0	0	(152)	0	0	0	(255,589)
2002	0	0	0	0	0	0	0	0	0	0	(46,131)
2003	0	0	(12,380)	0	0	0	0	0	0	0	(90,890)
2004	0	0	(25,512)	0	0	0	0	0	0	(844)	(197,363)
2005	0	0	0	0	0	0	0	0	0	(7)	(40,942)
2006	0	0	0	0	0	0	0	0	0	(2)	(73,814)
2007	0	0	(24,225)	0	0	0	0	(8,751)	(17,249)	0	(486,841)
2008	0	0	(37,602)	0	0	0	0	(4,816)	(3,679)	(6)	(681,260)
2009	(1,706)	(5,168)	(54,948)	(2,788)	(444)	0	0	0	(7,488)	(11)	(609,996)
2010	(1,867)	(4,761)	(32,758)	(2,913)	0	0	0	0	(2,891)	0	(546,720)
2011	0	0	(16,065)	0	0	0	0	0	0	0	(308,580)
2012	(73)	(862)	(10,010)	(405)	0	0	0	0	0	0	(230,793)
2013	(264)	(4,691)	(33,205)	(406)	0	0	0	0	0	0	(416,788)
2014	(6,898)	(10,773)	(47,358)	(5,962)	0	(1,046)	0	0	0	0	(614,333)
2015	(10,554)	(11,108)	(70,200)	(5,560)	0	(1,516)	0	0	0	0	(597,091)
2016	(8,376)	(4,939)	(29,819)	(3,549)	0	(1,056)	0	0	0	0	(283,675)
2017	0	0	(5,863)	0	0	0	0	0	0	0	(356,414)
2018	(6,266)	(4,988)	(13,893)	(1,656)	0	0	0	0	0	0	(283,657)
2019	0	0	(5,861)	0	0	0	0	0	0	0	(208,017)
2020	(1,014)	(1,012)	0	(463)	0	0	0	0	0	0	(226,151)
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
<b>TOTAL</b>	<b>(37,414)</b>	<b>(48,544)</b>	<b>(419,699)</b>	<b>(23,702)</b>	<b>(444)</b>	<b>(3,618)</b>	<b>(152)</b>	<b>(13,567)</b>	<b>(31,307)</b>	<b>(870)</b>	<b>(6,606,134)</b>

## 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)**

Calendar Year	NORTH BAY AREA			SOUTH BAY AREA <sup>1</sup>				CENTRAL COASTAL AREA		
	Napa <sup>2</sup>	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	32,945	36,764
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	32,432	27,259	82,888	142,579	3,438	11,673	15,111
2016	8,993	23,605	32,598	53,484	27,357	107,164	188,005	4,199	35,537	39,736
2017	8,225	28,265	36,490	56,458	29,036	127,155	212,649	2,845	51,105	53,950
2018	11,682	35,072	46,754	39,523	18,161	121,736	179,420	2,427	28,348	30,775
2019	11,285	31,482	42,767	52,296	21,731	104,985	179,012	2,642	20,557	23,199
2020	12,591	27,658	40,249	21,406	25,351	86,153	132,910	4,644	6,823	11,467
<b>2021</b>	<b>17,415</b>	<b>28,654</b>	<b>46,069</b>	<b>48,371</b>	<b>25,200</b>	<b>60,000</b>	<b>133,571</b>	<b>13,256</b>	<b>27,292</b>	<b>40,548</b>
2022	17,415	28,654	46,069	48,371	25,200	60,000	133,571	13,294	27,292	40,586
2023	17,415	28,654	46,069	48,371	25,200	60,000	133,571	13,370	27,292	40,662
2024	17,415	28,654	46,069	48,371	25,200	60,000	133,571	13,406	27,292	40,698
2025	17,415	28,654	46,069	48,371	25,200	60,000	133,571	13,406	27,292	40,698
2026	17,415	28,654	46,069	48,371	25,200	60,000	133,571	13,406	27,292	40,698
2027	17,415	28,654	46,069	48,371	25,200	60,000	133,571	13,406	27,292	40,698
2028	17,415	28,654	46,069	48,371	25,200	60,000	133,571	13,406	27,292	40,698
2029	17,415	28,654	46,069	48,371	25,200	60,000	133,571	13,406	27,292	40,698
2030	17,415	28,654	46,069	48,371	25,200	60,000	133,571	13,406	27,292	40,698
2031	17,415	28,654	46,069	48,371	25,200	60,000	133,571	13,406	27,292	40,698
2032	17,415	28,654	46,069	48,371	25,200	60,000	133,571	13,406	27,292	40,698
2033	17,415	28,654	46,069	48,371	25,200	60,000	133,571	13,406	27,292	40,698
2034	17,415	28,654	46,069	48,371	25,200	60,000	133,571	13,406	27,292	40,698
2035	17,415	28,654	46,069	48,371	25,200	60,000	133,571	13,406	27,292	40,698
<b>TOTAL</b>	<b>628,688</b>	<b>1,398,090</b>	<b>2,026,778</b>	<b>2,216,357</b>	<b>1,540,698</b>	<b>5,489,976</b>	<b>9,247,031</b>	<b>288,685</b>	<b>950,026</b>	<b>1,238,711</b>

<sup>1</sup> For the period June 1962 through November 1967, deliveries were supplied by non-project water.

<sup>2</sup> 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)**

Calendar Year	SAN JOAQUIN VALLEY AREA								
	Dudley Ridge	Empire	Kern			Kings	Oak Flat	Tulare	Total
			Municipal and Industrial	Agricultural	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	1,157,336	1,194,448	6,556	2,715	63,141	1,329,335
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	508,842	520,818	1,229	1,077	17,336	582,817
2016	20,908	1,822	9,633	634,649	644,282	3,660	1,855	42,387	714,914
2017	64,245	1,698	35,965	1,159,922	1,195,887	6,645	2,893	61,920	1,333,288
2018	41,006	1,591	4,207	608,151	612,358	3,713	2,289	51,451	712,408
2019	33,030	1,938	10,197	970,487	980,684	4,929	2,184	93,273	1,116,038
2020	21,758	1,108	8,914	481,842	490,756	4,044	2,243	24,417	544,326
<b>2021</b>	<b>26,169</b>	<b>1,800</b>	<b>59,322</b>	<b>533,816</b>	<b>593,138</b>	<b>5,583</b>	<b>3,420</b>	<b>52,483</b>	<b>682,593</b>
2022	26,169	1,800	59,322	533,816	593,138	5,583	3,420	52,483	682,593
2023	26,169	1,800	59,322	533,816	593,138	5,583	3,420	52,483	682,593
2024	26,169	1,800	59,322	533,816	593,138	5,583	3,420	52,483	682,593
2025	26,169	1,800	59,322	533,816	593,138	5,583	3,420	52,483	682,593
2026	26,169	1,800	59,322	533,816	593,138	5,583	3,420	52,483	682,593
2027	26,169	1,800	59,322	533,816	593,138	5,583	3,420	52,483	682,593
2028	26,169	1,800	59,322	533,816	593,138	5,583	3,420	52,483	682,593
2029	26,169	1,800	59,322	533,816	593,138	5,583	3,420	52,483	682,593
2030	26,169	1,800	59,322	533,816	593,138	5,583	3,420	52,483	682,593
2031	26,169	1,800	59,322	533,816	593,138	5,583	3,420	52,483	682,593
2032	26,169	1,800	59,322	533,816	593,138	5,583	3,420	52,483	682,593
2033	26,169	1,800	59,322	533,816	593,138	5,583	3,420	52,483	682,593
2034	26,169	1,800	59,322	533,816	593,138	5,583	3,420	52,483	682,593
2035	26,169	1,800	59,322	533,816	593,138	5,583	3,420	52,483	682,593
<b>TOTAL</b>	<b>2,611,951</b>	<b>135,674</b>	<b>3,689,180</b>	<b>44,777,266</b>	<b>48,466,446</b>	<b>267,411</b>	<b>256,002</b>	<b>4,882,230</b>	<b>56,619,714</b>

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

Calendar Year	SOUTHERN CALIFORNIA AREA									
	AVEK	Coachella	Crestline	Desert	Littlerock	Mojave	Palmdale	San Bernardino	San Gabriel	San Gorgonio
	[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	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	464	0	338	55	0	1,275	0	0
1973	20	5,800	389	9,000	290	0	0	32,426	0	0
1974	1,259	6,400	627	10,000	400	14	0	16,605	612	0
1975	8,068	7,000	825	11,000	520	0	0	13,865	5,450	0
1976	27,782	7,600	1,002	12,000	589	0	0	12,273	6,071	0
1977	11,202	0	1,109	0	111	80	0	24,833	8,996	0
1978	44,137	10,084	1,209	15,300	208	0	0	4,055	7,771	0
1979	60,493	10,063	1,260	15,000	133	4,000	0	18	290	0
1980	72,407	10,884	1,239	17,000	191	4,000	0	0	1,085	0
1981	79,375	12,105	1,485	19,000	1,270	4,000	0	16,021	3,619	0
1982	50,291	13,326	1,238	21,000	0	10,500	0	8,409	12,599	0
1983	32,961	14,547	911	23,000	38	0	0	5,994	734	0
1984	32,662	15,768	1,128	25,000	1	0	0	5,556	7,656	0
1985	37,064	16,989	1,422	27,000	0	0	1,558	7,390	5,028	0
1986	32,449	18,210	1,506	29,000	163	0	3,096	6,421	9,454	0
1987	34,089	19,431	1,849	31,500	1,085	17	5,379	18,751	10,630	0
1988	34,079	20,652	2,006	34,000	419	9	1,770	21,386	8,948	0
1989	45,280	21,873	2,170	36,500	971	200	9,009	20,782	12,839	0
1990	47,206	23,100	1,827	38,100	1,747	0	8,608	18,831	16,649	0
1991	9,568	6,930	849	11,430	522	3,423	3,914	3,661	5,399	0
1992	30,265	10,427	519	17,197	251	10,686	4,035	3,358	7,908	0
1993	43,102	23,100	439	38,100	734	11,514	7,761	4,361	14,397	0
1994	49,153	14,102	785	23,257	1,098	16,852	8,418	9,135	15,230	0
1995	47,286	23,100	409	38,100	480	8,722	6,961	696	12,922	0
1996	56,356	62,219	485	102,622	494	7,427	11,434	6,064	15,989	0
1997	62,393	68,340	651	69,990	444	10,374	11,861	9,654	18,175	0
1998	52,926	85,709	187	70,647	404	3,925	8,752	1,878	9,310	0
1999	69,073	50,480	1,132	58,100	342	8,144	13,278	12,874	21,729	0
2000	83,577	42,323	1,194	58,234	0	11,380	9,060	18,399	15,140	0
2001	62,857	9,100	1,057	15,010	0	4,433	10,427	26,488	2,360	0
2002	58,171	16,755	2,189	27,640	0	4,346	18,496	72,069	24,851	0
2003	60,029	14,443	1,563	23,819	0	14,435	11,547	26,113	21,934	116
2004	59,731	15,465	2,006	21,190	0	13,176	12,162	57,030	12,541	841
2005	59,831	42,519	807	49,089	0	13,561	11,712	31,493	13,984	749
2006	80,384	121,100	641	50,000	0	34,014	12,492	35,172	16,284	4,437
2007	80,203	73,228	1,768	30,234	0	46,109	19,634	56,997	4,024	4,054
2008	54,436	46,791	848	26,428	25	25,396	14,255	34,858	7,212	5,192
2009	45,670	46,022	894	18,263	42	29,047	15,339	39,072	11,520	6,671
2010	58,489	85,592	357	31,183	0	38,152	10,969	49,256	19,180	8,363
2011	94,046	90,279	474	36,379	0	5,099	16,881	38,017	23,591	10,612
2012	111,207	117,587	624	45,101	0	11,244	18,897	112,808	22,058	11,174
2013	51,022	66,539	1,368	20,791	0	7,483	10,567	31,905	9,252	9,625
2014	18,532	12,870	1,233	3,049	0	3,581	8,406	10,854	1,200	5,146
2015	14,308	37,596	1,253	11,217	0	8,830	5,836	23,926	5,760	3,935
2016	41,356	69,422	1,084	21,893	0	22,283	10,516	61,649	16,088	11,463
2017	124,284	83,908	897	31,636	0	34,815	14,210	77,598	22,056	15,844
2018	72,341	139,089	1,193	47,746	0	5,471	10,210	43,498	17,055	13,175
2019	78,057	34,588	75	13,938	226	21,930	12,066	78,478	23,220	14,329
2020	18,723	108,928	2,019	36,238	411	8,062	4,192	23,510	4,543	8,006
2021	86,906	83,010	3,480	33,450	1,380	32,149	18,780	61,560	17,280	10,380
2022	86,906	83,010	3,480	33,450	1,380	32,170	18,780	61,560	17,280	10,380
2023	86,906	83,010	3,480	33,450	1,380	32,193	18,780	61,560	17,280	10,380
2024	86,906	83,010	3,480	33,450	1,380	32,219	18,780	61,560	17,280	10,380
2025	86,906	83,010	3,480	33,450	1,380	32,219	18,780	61,560	17,280	10,380
2026	86,906	83,010	3,480	33,450	1,380	32,219	18,780	61,560	17,280	10,380
2027	86,906	83,010	3,480	33,450	1,380	32,219	18,780	61,560	17,280	10,380
2028	86,906	83,010	3,480	33,450	1,380	32,219	18,780	61,560	17,280	10,380
2029	86,906	83,010	3,480	33,450	1,380	32,219	18,780	61,560	17,280	10,380
2030	86,906	83,010	3,480	33,450	1,380	32,219	18,780	61,560	17,280	10,380
2031	86,906	83,010	3,480	33,450	1,380	32,219	18,780	61,560	17,280	10,380
2032	86,906	83,010	3,480	33,450	1,380	32,219	18,780	61,560	17,280	10,380
2033	86,906	83,010	3,480	33,450	1,380	32,219	18,780	61,560	17,280	10,380
2034	86,906	83,010	3,480	33,450	1,380	32,219	18,780	61,560	17,280	10,380
2035	86,906	83,010	3,480	33,450	1,380	32,219	18,780	61,560	17,280	10,380
<b>TOTAL</b>	<b>3,701,843</b>	<b>3,097,533</b>	<b>104,866</b>	<b>1,923,671</b>	<b>34,647</b>	<b>949,929</b>	<b>645,408</b>	<b>2,159,162</b>	<b>792,543</b>	<b>289,432</b>

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

Calendar Year	SOUTHERN CALIFORNIA AREA (continued)				FEATHER RIVER AREA				South Bay Area Future Contractor	GRAND TOTAL
	Santa Clarita <sup>3,4</sup>	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	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	7,382	0	0	7,382	0	0	0	0	0	294,457
1969	9,970	0	0	9,970	0	0	0	0	0	268,104
1970	11,739	0	0	11,739	0	0	70	70	0	369,459
1971	12,490	0	0	12,490	0	192	64	256	0	654,442
1972	13,905	71,938	0	88,028	0	186	505	691	0	1,037,770
1973	9,418	159,883	0	217,226	0	53	679	732	0	737,532
1974	9,700	277,717	0	323,334	0	127	648	775	0	878,947
1975	10,700	526,491	0	583,919	0	253	405	658	0	1,230,830
1976	11,700	618,451	0	697,468	0	527	382	909	0	1,380,124
1977	5,075	189,755	0	241,161	0	706	303	1,009	0	582,381
1978	11,362	507,565	0	601,691	0	579	278	857	0	1,458,733
1979	19,145	477,074	0	587,476	0	302	329	631	0	1,666,457
1980	15,092	531,727	0	653,625	0	267	295	562	0	1,536,456
1981	18,461	795,846	0	951,182	0	221	355	576	0	1,918,563
1982	22,216	691,192	0	830,771	0	334	305	639	0	1,750,862
1983	22,135	343,521	0	443,841	0	325	262	587	0	1,187,156
1984	24,218	457,582	0	569,571	108	177	272	557	0	1,591,416
1985	24,500	683,625	0	804,576	62	308	254	624	0	1,990,295
1986	27,229	708,840	0	836,368	328	313	317	958	0	1,999,155
1987	27,988	712,424	0	863,143	88	459	452	999	0	2,131,608
1988	30,438	902,564	0	1,056,271	303	385	523	1,211	0	2,385,122
1989	36,364	1,156,698	0	1,342,686	403	300	486	1,189	0	2,853,747
1990	28,579	1,396,423	4,836	1,585,906	494	380	548	1,422	0	2,582,151
1991	4,562	391,447	988	442,693	265	328	420	1,013	0	549,113
1992	20,699	710,313	0	815,658	642	117	485	1,244	0	1,471,454
1993	23,039	652,190	0	818,737	746	256	444	1,446	0	2,315,235
1994	26,441	807,866	0	972,337	1,035	329	492	1,856	0	1,861,976
1995	27,233	436,042	0	601,951	910	203	308	1,421	0	2,031,423
1996	32,500	593,380	0	888,970	820	257	360	1,437	0	2,543,472
1997	27,712	721,810	1,850	1,003,254	1,005	185	231	1,421	0	2,405,444
1998	20,093	410,065	1,850	665,746	1,054	527	0	1,581	0	1,764,963
1999	32,899	852,617	1,850	1,122,518	1,096	286	0	1,382	0	2,898,961
2000	40,680	1,522,412	4,050	1,806,449	901	586	0	1,487	0	3,569,072
2001	31,939	1,023,169	1,850	1,188,690	1,065	513	0	1,578	0	2,175,194
2002	68,817	1,408,919	4,998	1,707,251	1,181	419	0	1,600	0	2,909,555
2003	55,736	1,701,615	5,000	1,936,350	1,324	551	0	1,875	0	3,327,811
2004	83,761	1,724,380	5,250	2,007,533	1,434	1,440	0	2,874	0	3,230,590
2005	59,456	1,528,045	1,665	1,812,911	1,894	527	0	2,421	0	3,753,874
2006	62,752	1,512,186	1,850	1,931,312	5,342	468	0	5,810	0	3,693,938
2007	60,190	1,499,688	3,000	1,879,129	2,327	956	0	3,283	0	3,284,475
2008	42,878	898,313	3,798	1,160,430	1,923	451	243	2,617	0	2,152,219
2009	42,085	930,871	3,891	1,189,387	2,114	581	200	2,895	0	2,227,564
2010	57,900	1,420,331	4,075	1,783,847	2,331	807	243	3,381	0	2,836,927
2011	33,191	1,686,570	4,000	2,039,139	2,297	1,092	98	3,487	0	3,666,432
2012	50,473	1,224,907	4,353	1,730,433	2,695	1,374	79	4,148	0	2,881,783
2013	61,754	892,550	2,890	1,165,746	4,850	908	366	6,124	0	2,224,875
2014	29,448	387,392	93	481,804	4,237	1,617	251	6,105	0	1,242,286
2015	29,189	573,526	1,000	716,376	3,004	2,763	285	6,052	0	1,497,970
2016	37,828	1,083,900	3,000	1,380,482	1,229	2,518	387	4,134	0	2,359,869
2017	83,622	1,626,357	14,251	2,129,478	1,746	2,320	363	4,429	0	3,770,284
2018	42,897	679,544	1,750	1,073,969	1,715	3,029	508	5,252	0	2,048,578
2019	48,345	1,347,162	19,538	1,691,952	1,655	2,955	436	5,046	0	3,058,014
2020	52,702	399,706	8,837	675,877	4,900	3,177	405	8,482	0	1,413,311
<b>2021</b>	<b>57,120</b>	<b>1,146,900</b>	<b>12,000</b>	<b>1,564,395</b>	<b>5,760</b>	<b>270</b>	<b>730</b>	<b>6,760</b>	<b>0</b>	<b>2,473,936</b>
2022	57,120	1,146,900	12,000	1,564,416	5,760	270	730	6,760	0	2,473,995
2023	57,120	1,146,900	12,000	1,564,439	5,760	270	730	6,760	0	2,474,094
2024	57,120	1,146,900	12,000	1,564,465	5,760	270	730	6,760	0	2,474,156
2025	57,120	1,146,900	12,000	1,564,465	5,760	270	730	6,760	0	2,474,156
2026	57,120	1,146,900	12,000	1,564,465	5,760	270	730	6,760	0	2,474,156
2027	57,120	1,146,900	12,000	1,564,465	5,760	270	730	6,760	0	2,474,156
2028	57,120	1,146,900	12,000	1,564,465	5,760	270	730	6,760	0	2,474,156
2029	57,120	1,146,900	12,000	1,564,465	5,760	270	730	6,760	0	2,474,156
2030	57,120	1,146,900	12,000	1,564,465	5,760	270	730	6,760	0	2,474,156
2031	57,120	1,146,900	12,000	1,564,465	5,760	270	730	6,760	0	2,474,156
2032	57,120	1,146,900	12,000	1,564,465	5,760	270	730	6,760	0	2,474,156
2033	57,120	1,146,900	12,000	1,564,465	5,760	270	730	6,760	0	2,474,156
2034	57,120	1,146,900	12,000	1,564,465	5,760	270	730	6,760	0	2,474,156
2035	57,120	1,146,900	12,000	1,564,465	5,760	270	730	6,760	0	2,474,156
<b>TOTAL</b>	<b>2,557,427</b>	<b>59,060,089</b>	<b>290,513</b>	<b>75,607,063</b>	<b>145,923</b>	<b>41,984</b>	<b>25,286</b>	<b>213,193</b>	<b>0</b>	<b>144,952,490</b>

<sup>3</sup> Devil's Den Water District merged with Castaic Lake Water Agency effective January 1, 1992.

<sup>4</sup> Castaic Lake Water Agency's SWP Water Supply Contract was transferred to Santa Clarita Valley Water Agency effective November 2, 2018.

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

Calendar Year	NORTH BAY AQUEDUCT											
	Barker Slough Pumping Plant				Cordelia Pumping Plant Solano				Cordelia Pumping Plant Napa			
	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 <sup>1</sup>	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	552	32,598	33,150	0	0	12,849	12,849	0	278	8,947	9,225
2017	0	1,639	36,490	38,129	0	0	14,525	14,525	0	646	8,201	8,847
2018	0	3,330	46,754	50,084	0	0	19,607	19,607	0	899	11,660	12,559
2019	0	1,767	42,767	44,534	0	0	17,692	17,692	0	769	11,261	12,030
2020	0	51	40,249	40,300	0	0	20,906	20,906	0	5	12,591	12,596
2021	0	51	46,069	46,120	0	0	0	0	0	5	17,415	17,420
2022	0	51	46,069	46,120	0	0	0	0	0	5	17,415	17,420
2023	0	51	46,069	46,120	0	0	0	0	0	5	17,415	17,420
2024	0	51	46,069	46,120	0	0	0	0	0	5	17,415	17,420
2025	0	51	46,069	46,120	0	0	0	0	0	5	17,415	17,420
2026	0	51	46,069	46,120	0	0	0	0	0	5	17,415	17,420
2027	0	51	46,069	46,120	0	0	0	0	0	5	17,415	17,420
2028	0	51	46,069	46,120	0	0	0	0	0	5	17,415	17,420
2029	0	51	46,069	46,120	0	0	0	0	0	5	17,415	17,420
2030	0	51	46,069	46,120	0	0	0	0	0	5	17,415	17,420
2031	0	51	46,069	46,120	0	0	0	0	0	5	17,415	17,420
2032	0	51	46,069	46,120	0	0	0	0	0	5	17,415	17,420
2033	0	51	46,069	46,120	0	0	0	0	0	5	17,415	17,420
2034	0	51	46,069	46,120	0	0	0	0	0	5	17,415	17,420
2035	0	51	46,069	46,120	0	0	0	0	0	5	17,415	17,420

<sup>1</sup> 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)**

Calendar Year	SOUTH BAY AQUEDUCT						CALIFORNIA AQUEDUCT								
	South Bay Pumping Plant						NORTH SAN JOAQUIN DIVISION								
	Initial Fill Water	Operational Losses	Reservoir Storage Changes	Deliveries		Total	Banks Pumping Plant						Conservation Water	Total	
				Water Supply <sup>2</sup>	Recreation		Initial Fill Water	Operational Losses	Reservoir Storage Changes	Deliveries		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	1,510,707	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	101,249	(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	1,727	3,436	95,802	117	101,082	0	224,076	51,667	2,243,593	1,163	2,520,499	454,585	2,975,084	
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	738,115	301,102	1,039,917	
2015	0	2,727	(8,482)	117,072	43	111,360	0	109,951	(41,424)	859,792	690	929,009	(140,538)	788,471	
2016	0	2,031	5,558	119,221	69	126,879	0	106,956	(57,641)	2,039,462	1,399	2,090,176	503,353	2,593,529	
2017	0	2,409	(6,363)	81,187	46	77,279	0	118,158	12,421	3,372,951	775	3,504,305	(3,969)	3,500,336	
2018	0	2,778	(391)	134,820	100	137,307	0	104,012	45,050	1,712,915	879	1,862,856	167,385	2,030,241	
2019	0	1,873	185	82,389	103	84,550	0	105,128	(38,086)	2,802,184	953	2,870,179	67,564	2,937,743	
2020	0	3,381	0	119,535	400	123,316	0	123,002	40,420	1,138,429	8,660	1,310,511	29,521	1,340,032	
<b>2021</b>	<b>0</b>	<b>3,381</b>	<b>0</b>	<b>125,331</b>	<b>400</b>	<b>129,112</b>	<b>0</b>	<b>121,701</b>	<b>(149,420)</b>	<b>2,421,107</b>	<b>8,660</b>	<b>2,402,048</b>	<b>83,324</b>	<b>2,485,372</b>	
2022	0	3,381	0	125,595	400	129,376	0	121,560	156,000	2,421,166	8,660	2,707,386	(188,203)	2,519,183	
2023	0	3,351	0	125,823	400	129,574	0	128,679	(18,971)	2,421,265	8,660	2,539,633	115,791	2,655,424	
2024	0	3,351	0	126,123	400	129,874	0	128,488	11,289	2,421,327	8,660	2,569,762	79,588	2,649,620	
2025	0	3,351	0	126,123	400	129,874	0	130,241	(12,518)	2,421,327	8,660	2,547,710	(247,205)	2,300,505	
2026	0	3,351	0	126,123	400	129,874	0	128,561	24,308	2,421,327	8,660	2,582,856	246,850	2,829,706	
2027	0	3,351	0	126,123	400	129,874	0	128,553	(17,799)	2,421,327	8,660	2,540,741	(12,304)	2,528,437	
2028	0	3,351	0	126,123	400	129,874	0	128,644	12,291	2,421,327	8,660	2,570,922	15,430	2,586,352	
2029	0	3,351	0	126,123	400	129,874	0	128,532	(9,046)	2,421,327	8,660	2,549,473	(10,778)	2,538,695	
2030	0	3,351	0	126,123	400	129,874	0	128,638	20,756	2,421,327	8,660	2,579,381	124,586	2,703,967	
2031	0	3,351	0	126,123	400	129,874	0	127,995	(97,726)	2,421,327	8,660	2,460,256	(259,831)	2,200,425	
2032	0	3,351	0	126,123	400	129,874	0	127,866	84,999	2,421,327	8,660	2,642,852	138,527	2,781,379	
2033	0	3,351	0	126,123	400	129,874	0	127,737	(94,652)	2,421,327	8,660	2,463,072	(184,372)	2,278,700	
2034	0	3,351	0	126,123	400	129,874	0	127,586	69,593	2,421,327	8,660	2,627,166	120,375	2,747,541	
2035	0	3,351	0	126,123	400	129,874	0								

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

Calendar Year	CALIFORNIA AQUEDUCT (continued)											
	SAN LUIS DIVISION						SOUTH SAN JOAQUIN DIVISION					
	Dos Amigos Pumping Plant						Buena Vista Pumping Plant					
	Initial Fill Water	Operational Losses	Reservoir Storage Changes	Deliveries		Total	Initial Fill Water	Operational Losses	Reservoir Storage Changes	Deliveries		Total
Water Supply				Recreation	Water Supply					Recreation		
	[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	75,028	48,231	2,307,963	636	2,431,858	0	41,741	48,231	1,505,105	603	1,595,680
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	(32,942)	724,850	155	795,443	0	46,903	(32,942)	738,410	151	752,522
2016	0	100,424	(63,199)	1,867,309	981	1,905,515	0	63,781	(63,199)	1,428,801	981	1,430,364
2017	0	116,906	18,784	3,493,870	351	3,629,911	0	103,689	18,784	2,084,752	300	2,207,525
2018	0	105,704	45,441	1,655,128	275	1,806,548	0	70,151	45,441	1,179,655	225	1,295,472
2019	0	101,466	(38,271)	2,839,648	303	2,903,146	0	81,478	(38,271)	1,692,163	280	1,735,650
2020	0	74,833	40,420	972,239	7,210	1,094,702	0	45,510	40,420	780,169	7,010	873,109
2021	0	<b>72,681</b>	<b>(149,420)</b>	<b>2,291,056</b>	<b>7,210</b>	<b>2,221,527</b>	0	<b>43,358</b>	<b>(149,420)</b>	<b>1,603,562</b>	<b>7,010</b>	<b>1,504,510</b>
2022	0	74,411	156,000	2,290,851	7,210	2,528,472	0	45,088	156,000	1,603,583	7,010	1,811,681
2023	0	70,557	(18,971)	2,290,722	7,210	2,349,518	0	41,234	(18,971)	1,603,606	7,010	1,632,879
2024	0	70,436	11,289	2,290,484	7,210	2,379,419	0	41,113	11,289	1,603,632	7,010	1,663,044
2025	0	70,499	(12,518)	2,290,484	7,210	2,355,675	0	41,176	(12,518)	1,603,632	7,010	1,639,300
2026	0	70,511	24,308	2,290,484	7,210	2,392,513	0	41,188	24,308	1,603,632	7,010	1,676,138
2027	0	70,424	(17,799)	2,290,484	7,210	2,350,319	0	41,101	(17,799)	1,603,632	7,010	1,633,944
2028	0	70,564	12,291	2,290,484	7,210	2,380,549	0	41,241	12,291	1,603,632	7,010	1,664,174
2029	0	70,491	(9,046)	2,290,484	7,210	2,359,139	0	41,168	(9,046)	1,603,632	7,010	1,642,764
2030	0	70,555	20,756	2,290,484	7,210	2,389,005	0	41,232	20,756	1,603,632	7,010	1,672,630
2031	0	70,427	(97,726)	2,290,484	7,210	2,270,395	0	41,104	(97,726)	1,603,632	7,010	1,554,020
2032	0	70,029	84,999	2,290,484	7,210	2,452,722	0	40,706	84,999	1,603,632	7,010	1,736,347
2033	0	70,234	(94,652)	2,290,484	7,210	2,273,276	0	40,911	(94,652)	1,603,632	7,010	1,556,901
2034	0	69,726	69,593	2,290,484	7,210	2,437,013	0	40,403	69,593	1,603,632	7,010	1,720,638
2035	0	69,066	(242,659)	2,290,484	7,210	2,124,101	0	39,743	(242,659)	1,603,632	7,010	1,407,726

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

Calendar Year	CALIFORNIA AQUEDUCT (continued)											
	SOUTH SAN JOAQUIN DIVISION (continued)											
	Teerink Pumping Plant						Chrisman Pumping Plant					
	Initial Fill Water	Operational Losses	Reservoir Storage Changes	Deliveries		Total	Initial Fill Water	Operational Losses	Reservoir Storage Changes	Deliveries		Total
Water Supply				Recreation	Water Supply					Recreation		
[39]	[40]	[41]	[42]	[43]	[44]	[45]	[46]	[47]	[48]	[49]	[50]	
1961	0	0	0	0	0	0	0	0	0	0	0	
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	198	2	0	0	0	200	0	0	0	0	0	
1971	7,533	(112)	0	3,552	0	10,973	7,366	(159)	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	90,711	48,231	1,409,122	603	1,548,667	0	58,174	48,231	1,389,990	603	1,496,998
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	(32,942)	738,123	151	773,151	0	56,466	(32,942)	733,481	151	757,156
2016	0	106,907	(63,199)	1,365,032	981	1,409,721	0	83,653	(63,199)	1,352,680	981	1,374,115
2017	0	127,631	18,784	1,948,832	300	2,095,547	0	114,305	18,784	1,903,260	300	2,036,649
2018	0	86,871	45,441	1,074,340	225	1,206,877	0	76,849	45,441	1,057,343	225	1,179,858
2019	0	108,332	(38,271)	1,583,828	280	1,654,169	0	79,072	(38,271)	1,548,648	280	1,589,729
2020	0	41,880	40,420	725,031	7,010	814,341	0	41,630	40,420	696,818	7,010	785,878
2021	0	<b>39,728</b>	<b>(149,420)</b>	<b>1,525,762</b>	<b>7,010</b>	<b>1,423,080</b>	0	<b>39,478</b>	<b>(149,420)</b>	<b>1,498,862</b>	<b>7,010</b>	<b>1,395,930</b>
2022	0	41,458	156,000	1,525,783	7,010	1,730,251	0	41,208	156,000	1,498,883	7,010	1,703,101
2023	0	37,604	(18,971)	1,525,806	7,010	1,551,449	0	37,354	(18,971)	1,498,906	7,010	1,524,299
2024	0	37,483	11,289	1,525,832	7,010	1,581,614	0	37,233	11,289	1,498,932	7,010	1,554,464
2025	0	37,546	(12,518)	1,525,832	7,010	1,557,870	0	37,296	(12,518)	1,498,932	7,010	1,530,720
2026	0	37,558	24,308	1,525,832	7,010	1,594,708	0	37,308	24,308	1,498,932	7,010	1,567,558
2027	0	37,471	(17,799)	1,525,832	7,010	1,552,514	0	37,221	(17,799)	1,498,932	7,010	1,525,364
2028	0	37,611	12,291	1,525,832	7,010	1,582,744	0	37,361	12,291	1,498,932	7,010	1,555,594
2029	0	37,538	(9,046)	1,525,832	7,010	1,561,334	0	37,288	(9,046)	1,498,932	7,010	1,534,184
2030	0	37,602	20,756	1,525,832	7,010	1,591,200	0	37,352	20,756	1,498,932	7,010	1,564,050
2031	0	37,474	(97,726)	1,525,832	7,010	1,472,590	0	37,224	(97,726)	1,498,932	7,010	1,445,440
2032	0	37,076	84,999	1,525,832	7,010	1,654,917	0	36,826	84,999	1,498,932	7,010	1,627,767
2033	0	37,281	(94,652)	1,525,832	7,010	1,475,471	0	37,031	(94,652)	1,498,932	7,010	1,448,321
2034	0	36,773	69,593	1,525,832	7,010	1,639,208	0	36,523	69,593	1,498,932	7,010	1,612,058
2035	0	36,113	(242,659)	1,525,832	7,010	1,326,296	0	35,863	(242,659)	1,498,932	7,010	1,299,146

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

Calendar Year	CALIFORNIA AQUEDUCT (continued)											
	TEHACHAPI DIVISION						MOJAVE DIVISION					
	Edmonston Pumping Plant						Alamo Powerplant					
	Initial Fill Water	Operational Losses	Reservoir Storage Changes	Deliveries		Total	Initial Fill Water	Operational Losses	Reservoir Storage Changes	Deliveries		Total
Water Supply				Recreation	Water Supply					Recreation		
	[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	60,181	48,231	1,369,128	603	1,478,143	0	32,025	6,964	956,888	363	996,240
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	(32,942)	714,860	151	725,381	0	10,834	(7,059)	248,779	71	252,625
2016	0	41,071	(63,199)	1,330,078	981	1,308,931	0	6,898	7,625	785,607	163	800,293
2017	0	66,781	18,784	1,876,453	300	1,962,318	0	27,722	(56,730)	1,459,379	235	1,430,606
2018	0	41,613	45,441	1,030,755	225	1,118,034	0	6,170	56,121	659,762	155	722,208
2019	0	35,731	(38,271)	1,524,958	280	1,522,698	0	2,373	(29,553)	1,180,572	148	1,153,540
2020	0	40,080	40,420	675,877	7,010	763,387	0	22,935	40,420	309,205	1,630	374,190
2021	0	<b>37,928</b>	<b>(149,420)</b>	<b>1,472,395</b>	<b>7,010</b>	<b>1,367,913</b>	0	<b>23,298</b>	<b>6,580</b>	<b>887,447</b>	<b>1,630</b>	<b>918,955</b>
2022	0	39,658	156,000	1,472,416	7,010	1,675,084	0	23,301	0	887,456	1,630	912,387
2023	0	35,804	(18,971)	1,472,439	7,010	1,496,282	0	20,939	(18,638)	887,473	1,630	891,404
2024	0	35,683	11,289	1,472,465	7,010	1,526,447	0	20,881	21,309	887,493	1,630	931,313
2025	0	35,746	(12,518)	1,472,465	7,010	1,502,703	0	20,965	(11,624)	887,493	1,630	898,464
2026	0	35,758	24,308	1,472,465	7,010	1,539,541	0	20,930	13,030	887,493	1,630	923,083
2027	0	35,671	(17,799)	1,472,465	7,010	1,497,347	0	20,861	(6,161)	887,493	1,630	903,823
2028	0	35,811	12,291	1,472,465	7,010	1,527,577	0	20,961	4,006	887,493	1,630	914,090
2029	0	35,738	(9,046)	1,472,465	7,010	1,506,167	0	20,955	(913)	887,493	1,630	909,165
2030	0	35,802	20,756	1,472,465	7,010	1,536,033	0	20,930	8,528	887,493	1,630	918,581
2031	0	35,674	(97,726)	1,472,465	7,010	1,417,423	0	20,956	(31,057)	887,493	1,630	879,022
2032	0	35,276	84,999	1,472,465	7,010	1,599,750	0	20,865	43,953	887,493	1,630	953,941
2033	0	35,481	(94,652)	1,472,465	7,010	1,420,304	0	20,854	(37,929)	887,493	1,630	872,048
2034	0	34,973	69,593	1,472,465	7,010	1,584,041	0	20,769	28,588	887,493	1,630	938,480
2035	0	34,313	(242,659)	1,472,465	7,010	1,271,129	0	20,892	(49,219)	887,493	1,630	860,796

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

Calendar Year	CALIFORNIA AQUEDUCT (continued)											
	MOJAVE DIVISION (continued)											
	Pearblossom Pumping Plant						Mojave Siphon Powerplant					
	Initial Fill Water	Operational Losses	Reservoir Storage Changes	Deliveries		Total	Initial Fill Water	Operational Losses	Reservoir Storage Changes	Deliveries		Total
Water Supply				Recreation	Water Supply					Recreation		
[63]	[64]	[65]	[66]	[67]	[68]	[69]	[70]	[71]	[72]	[73]	[74]	
1961	0	0	0	0	0	0	0	0	0	0	0	
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	21	0	0	0	0	21	0	0	0	0	0	
1972	35,243	5,282	(153)	1,794	0	42,166	0	0	0	0	0	
1973	80,177	21,522	(2,700)	52,201	72	151,272	0	0	0	0	0	
1974	76,694	10,847	(11,149)	102,839	44	179,275	0	0	0	0	0	
1975	10,000	2,364	(8,397)	190,351	70	194,388	0	0	0	0	0	
1976	4,168	7,040	(16,055)	236,713	152	232,018	0	0	0	0	0	
1977	0	11,398	(17,534)	102,326	580	96,770	0	0	0	0	0	
1978	19,922	5,696	69,130	374,845	498	470,091	0	0	0	0	0	
1979	12,302	6,836	(32,518)	362,114	502	349,236	0	0	0	0	0	
1980	0	16,200	6,159	401,214	781	424,354	0	0	0	0	0	
1981	0	4,992	(36,278)	574,573	933	544,220	0	0	0	0	0	
1982	0	5,251	55,232	401,037	1,919	463,439	0	0	0	0	0	
1983	0	11,745	(26,847)	231,188	1,180	217,266	0	0	0	0	0	
1984	0	18,228	23,230	252,066	1,494	295,018	0	0	0	0	0	
1985	0	25,292	(2,815)	350,758	1,076	374,311	0	0	0	0	0	
1986	0	30,876	12,258	394,156	1,508	438,798	0	0	0	0	0	
1987	0	27,552	(15,270)	377,531	1,239	391,052	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	1,854	6,964	886,249	363	895,430	0	9,649	6,964	858,609	363	875,585
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	(7,059)	229,244	71	229,323	0	9,953	(7,059)	221,321	71	224,286
2016	0	8,750	7,625	735,426	163	751,964	0	5,792	7,625	721,208	163	734,788
2017	0	22,451	(56,730)	1,332,154	235	1,298,110	0	7,679	(56,730)	1,309,134	235	1,260,318
2018	0	4,197	56,121	591,774	155	652,247	0	4,206	56,121	587,169	155	647,651
2019	0	14,998	(29,553)	1,086,545	148	1,072,138	0	6,055	(29,553)	1,068,884	148	1,045,534
2020	0	17,585	40,420	285,044	1,430	344,479	0	14,115	40,420	277,844	1,430	333,809
2021	0	<b>17,948</b>	<b>6,580</b>	<b>770,364</b>	<b>1,430</b>	<b>796,322</b>	0	<b>14,478</b>	<b>6,580</b>	<b>738,442</b>	<b>1,430</b>	<b>760,930</b>
2022	0	17,951	0	770,376	1,430	789,757	0	14,481	0	738,442	1,430	754,353
2023	0	15,589	(18,638)	770,400	1,430	768,781	0	12,119	(18,638)	738,442	1,430	733,353
2024	0	15,531	21,309	770,412	1,430	808,682	0	12,061	21,309	738,442	1,430	773,242
2025	0	15,615	(11,624)	770,412	1,430	775,833	0	12,145	(11,624)	738,442	1,430	740,393
2026	0	15,580	13,030	770,412	1,430	800,452	0	12,110	13,030	738,442	1,430	765,012
2027	0	15,511	(6,161)	770,412	1,430	781,192	0	12,041	(6,161)	738,442	1,430	745,752
2028	0	15,611	4,006	770,412	1,430	791,459	0	12,141	4,006	738,442	1,430	756,019
2029	0	15,605	(913)	770,412	1,430	786,534	0	12,135	(913)	738,442	1,430	751,094
2030	0	15,580	8,528	770,412	1,430	795,950	0	12,110	8,528	738,442	1,430	760,510
2031	0	15,606	(31,057)	770,412	1,430	756,391	0	12,136	(31,057)	738,442	1,430	720,951
2032	0	15,515	43,953	770,412	1,430	831,310	0	12,045	43,953	738,442	1,430	795,870
2033	0	15,504	(37,929)	770,412	1,430	749,417	0	12,034	(37,929)	738,442	1,430	713,977
2034	0	15,419	28,588	770,412	1,430	815,849	0	11,949	28,588	738,442	1,430	780,409
2035	0	15,542	(49,219)	770,412	1,430	738,165	0	12,072	(49,219)	738,442	1,430	702,725

**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										
Calendar Year	Devil Canyon Powerplant						Greenspot Pump Station			
	Initial Fill Water	Operational Losses	Reservoir Storage Changes	Deliveries		Total	Initial Fill Water	Operational Losses	Water Supply Delivery	Total
				Water Supply	Recreation					
	[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	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	(3,561)	220,068	35	225,465	0	0	9,791	9,791
2016	0	(2,942)	3,074	711,654	107	711,893	0	0	22,896	22,896
2017	0	(8,690)	(53,233)	1,297,152	150	1,235,379	0	0	6,682	6,682
2018	0	3,164	53,152	585,739	95	642,150	0	0	4,241	4,241
2019	0	3,039	(19,717)	1,064,352	88	1,047,762	0	0	13,622	13,622
2020	0	9,945	35,420	275,579	1,250	322,194	0	0	51	51
2021	0	10,308	6,580	734,799	1,250	752,937	0	0	0	0
2022	0	10,310	0	734,799	1,250	746,359	0	0	0	0
2023	0	8,482	(8,417)	734,799	1,250	736,114	0	0	0	0
2024	0	8,462	689	734,799	1,250	745,200	0	0	0	0
2025	0	8,489	4,591	734,799	1,250	749,129	0	0	0	0
2026	0	8,475	(3,819)	734,799	1,250	740,705	0	0	0	0
2027	0	8,479	745	734,799	1,250	745,273	0	0	0	0
2028	0	8,481	(5,355)	734,799	1,250	739,175	0	0	0	0
2029	0	8,481	2,909	734,799	1,250	747,439	0	0	0	0
2030	0	8,480	296	734,799	1,250	744,825	0	0	0	0
2031	0	8,475	(1,976)	734,799	1,250	742,548	0	0	0	0
2032	0	8,449	18,821	734,799	1,250	763,319	0	0	0	0
2033	0	8,449	(23,419)	734,799	1,250	721,079	0	0	0	0
2034	0	8,443	21,651	734,799	1,250	766,143	0	0	0	0
2035	0	8,451	(31,434)	734,799	1,250	713,066	0	0	0	0

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

Calendar Year	CALIFORNIA AQUEDUCT (continued)											
	SANTA ANA DIVISION (continued)											
	Citrus Pump Station <sup>3</sup>				Crafton Hills Pump Station				Cherry Valley Pump Station			
	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	Total
[85]	[86]	[87]	[88]	[89]	[90]	[91]	[92]	[93]	[94]	[95]	[96]	
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	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	0
2001	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	2,733	2,733	0	0	116	116
2004	0	0	0	0	0	0	3,212	3,212	0	0	841	841
2005	0	0	0	0	0	0	2,727	2,727	0	0	692	692
2006	0	0	0	0	0	0	6,892	6,892	0	0	807	807
2007	0	0	0	0	0	0	9,038	9,038	0	0	177	177
2008	0	0	0	0	0	0	13,728	13,728	0	0	1,042	1,042
2009	0	0	0	0	0	0	16,463	16,463	0	0	1,898	1,898
2010	0	0	0	0	0	0	17,778	17,778	0	0	5,685	5,685
2011	0	0	0	0	0	0	19,887	19,887	0	0	9,290	9,290
2012	0	0	0	0	0	0	20,614	20,614	0	0	11,010	11,010
2013	0	0	0	0	0	0	17,526	17,526	0	0	9,445	9,445
2014	0	0	0	0	0	0	9,468	9,468	0	0	5,044	5,044
2015	0	0	0	0	0	0	9,409	9,409	0	0	3,481	3,481
2016	0	0	0	0	0	0	19,247	19,247	0	0	10,816	10,816
2017	0	0	31,763	31,763	0	0	31,763	31,763	0	0	14,946	14,946
2018	0	0	22,433	22,433	0	0	22,433	22,433	0	0	12,622	12,622
2019	0	0	25,457	25,457	0	0	25,457	25,457	0	0	14,152	14,152
2020	0	0	8,792	8,792	0	0	8,792	8,792	0	0	8,006	8,006
2021	0	0	10,380	10,380	0	0	10,380	10,380	0	0	9,970	9,970
2022	0	0	10,380	10,380	0	0	10,380	10,380	0	0	9,970	9,970
2023	0	0	10,380	10,380	0	0	10,380	10,380	0	0	9,970	9,970
2024	0	0	10,380	10,380	0	0	10,380	10,380	0	0	9,970	9,970
2025	0	0	10,380	10,380	0	0	10,380	10,380	0	0	9,970	9,970
2026	0	0	10,380	10,380	0	0	10,380	10,380	0	0	9,970	9,970
2027	0	0	10,380	10,380	0	0	10,380	10,380	0	0	9,970	9,970
2028	0	0	10,380	10,380	0	0	10,380	10,380	0	0	9,970	9,970
2029	0	0	10,380	10,380	0	0	10,380	10,380	0	0	9,970	9,970
2030	0	0	10,380	10,380	0	0	10,380	10,380	0	0	9,970	9,970
2031	0	0	10,380	10,380	0	0	10,380	10,380	0	0	9,970	9,970
2032	0	0	10,380	10,380	0	0	10,380	10,380	0	0	9,970	9,970
2033	0	0	10,380	10,380	0	0	10,380	10,380	0	0	9,970	9,970
2034	0	0	10,380	10,380	0	0	10,380	10,380	0	0	9,970	9,970
2035	0	0	10,380	10,380	0	0	10,380	10,380	0	0	9,970	9,970

<sup>3</sup> Citrus Pump Station began operation during calendar year 2017. For projected deliveries south of Greenspot Pump Station, flow is assumed to be through Citrus Pump Station.



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

Calendar Year	CALIFORNIA AQUEDUCT (continued)											
	WEST BRANCH											
	Oso Pumping Plant						Warne Powerplant					
	Initial Fill Water	Operational Losses	Reservoir Storage Changes	Deliveries		Total	Initial Fill Water	Operational Losses	Reservoir Storage Changes	Deliveries		Total
Water Supply				Recreation	Water Supply					Recreation		
[97]	[98]	[99]	[100]	[101]	[102]	[103]	[104]	[105]	[106]	[107]	[108]	
1961	0	0	0	0	0	0	0	0	0	0	0	
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	2,444	133	0	0	0	2,577	0	0	0	0	0	
1972	63,883	6,557	(6,405)	71,991	6,481	142,507	0	0	0	0	0	
1973	124,461	16,995	4,029	155,317	1,075	301,877	0	0	0	0	0	
1974	160,860	12,702	(4,146)	209,172	2,064	380,652	0	0	0	0	0	
1975	93,352	23,008	7,704	374,306	3,288	501,658	0	0	0	0	0	
1976	56,954	15,845	(136,116)	420,708	1,429	358,820	0	0	0	0	0	
1977	0	4,407	(98,685)	122,447	(20)	28,149	0	0	0	0	0	
1978	45,105	9,061	52,774	171,139	176	278,255	0	0	0	0	0	
1979	0	25,355	(18,781)	145,598	0	152,172	0	0	0	0	0	
1980	0	24,576	(140,168)	165,931	481	50,820	0	0	0	0	0	
1981	0	15,254	59,637	283,264	3,179	361,334	0	0	0	0	0	
1982	0	23,824	61,685	360,878	2,126	448,513	0	24,468	61,169	360,878	2,126	448,641
1983	0	23,601	(74,308)	166,995	6,111	122,399	0	20,780	(74,308)	166,995	6,111	119,578
1984	0	12,461	(138,146)	272,101	3,750	150,166	0	13,572	(139,219)	275,212	2,208	151,773
1985	0	28,257	142,219	403,097	3,728	577,301	0	29,286	141,492	403,097	874	574,749
1986	0	22,387	25,288	393,203	1,777	442,655	0	21,579	25,288	393,203	1,777	441,847
1987	0	18,164	(10,252)	433,452	5,698	447,062	0	20,885	(10,252)	433,452	5,698	449,783
1988	0	20,461	(30,848)	507,169	3,389	500,171	0	23,253	(31,453)	507,169	3,389	502,358
1989	0	27,914	(40,463)	611,681	6,083	605,215	0	27,131	(40,463)	611,681	6,083	604,432
1990	0	33,666	(9,176)	791,355	7,491	823,336	0	34,208	(9,176)	791,355	7,491	823,878
1991	0	16,460	70,754	263,909	4,166	355,289	0	16,908	70,754	263,909	4,166	355,737
1992	0	8,238	(75,008)	435,661	1,572	370,463	0	9,638	(75,008)	435,661	1,572	371,863
1993	0	2,674	(124,283)	451,263	1,233	330,887	0	1,922	(124,283)	451,257	1,233	330,129
1994	0	18,688	(91,606)	490,819	2,488	420,389	0	23,151	(91,606)	490,819	2,488	424,852
1995	0	21,775	14,330	157,629	1,242	194,976	0	15,860	14,330	157,629	1,242	189,061
1996	0	30,121	26,848	286,066	2,363	345,398	0	21,191	26,848	286,066	2,363	336,468
1997	0	30,468	1,892	323,212	1,569	357,141	0	23,437	1,892	323,201	1,569	350,099
1998	0	26,851	(122,848)	208,916	1,222	114,141	0	26,864	(122,848)	208,909	1,222	114,147
1999	0	25,690	5,679	357,664	2,883	391,916	0	21,822	8,120	357,664	2,883	390,489
2000	0	33,658	18,198	668,126	3,767	723,749	0	27,237	18,198	668,126	3,767	717,328
2001	0	24,551	(22,308)	477,315	759	480,317	0	17,404	(22,308)	477,315	759	473,170
2002	0	44,692	41,944	779,284	3,471	869,391	0	35,058	41,944	779,284	3,471	859,757
2003	0	39,495	(27,394)	735,699	10,290	758,090	0	28,167	(27,394)	735,699	10,290	746,762
2004	0	41,947	(14,046)	850,007	478	878,386	0	31,034	(14,046)	850,007	478	867,473
2005	0	38,154	(109,664)	577,251	475	506,216	0	29,111	(109,664)	577,251	475	497,173
2006	0	38,534	(128,775)	616,546	406	526,711	0	23,453	(128,775)	616,546	406	511,630
2007	0	46,921	123,287	760,750	202	931,160	0	29,978	123,287	760,750	202	914,217
2008	0	36,204	(9,613)	531,832	247	558,670	0	36,744	(9,613)	531,832	247	559,210
2009	0	33,295	4,893	631,969	195	670,352	0	30,564	4,893	631,969	195	667,621
2010	0	27,788	41,267	412,240	240	481,535	0	26,930	41,267	412,240	240	480,677
2011	0	29,227	(17,411)	411,366	242	423,424	0	29,363	(17,411)	411,366	242	423,560
2012	0	42,913	14,802	593,774	388	651,877	0	28,769	14,802	593,750	388	637,709
2013	0	49,029	(4,336)	612,912	294	657,899	0	30,918	(4,336)	612,865	294	639,741
2014	0	27,005	(10,841)	305,533	91	321,788	0	17,555	(10,841)	305,533	91	312,338
2015	0	32,430	(25,883)	466,081	80	472,708	0	22,165	(25,883)	466,081	80	462,443
2016	0	34,186	(70,824)	544,471	818	508,651	0	28,991	(70,824)	544,471	818	503,456
2017	0	38,989	75,514	417,074	65	531,642	0	37,047	75,514	416,564	65	529,190
2018	0	35,425	(10,680)	370,993	70	395,808	0	16,442	(10,680)	370,993	70	376,825
2019	0	33,516	(8,718)	344,386	132	369,316	0	9,606	(8,718)	344,386	132	345,406
2020	0	17,095	0	366,672	5,380	389,147	0	15,185	0	366,645	5,380	387,210
<b>2021</b>	<b>0</b>	<b>14,580</b>	<b>(156,000)</b>	<b>584,948</b>	<b>5,380</b>	<b>448,908</b>	<b>0</b>	<b>12,670</b>	<b>(156,000)</b>	<b>584,738</b>	<b>5,380</b>	<b>446,788</b>
2022	0	16,307	156,000	584,960	5,380	762,647	0	14,397	156,000	584,738	5,380	760,515
2023	0	14,815	(333)	584,966	5,380	604,828	0	12,905	(333)	584,738	5,380	602,690
2024	0	14,752	(10,020)	584,972	5,380	595,084	0	12,842	(10,020)	584,738	5,380	592,940
2025	0	14,731	(894)	584,972	5,380	604,189	0	12,821	(894)	584,738	5,380	602,045
2026	0	14,778	11,278	584,972	5,380	616,408	0	12,868	11,278	584,738	5,380	614,264
2027	0	14,760	(11,638)	584,972	5,380	593,474	0	12,850	(11,638)	584,738	5,380	591,330
2028	0	14,800	8,285	584,972	5,380	613,437	0	12,890	8,285	584,738	5,380	611,293
2029	0	14,733	(8,133)	584,972	5,380	596,952	0	12,823	(8,133)	584,738	5,380	594,808
2030	0	14,822	12,228	584,972	5,380	617,402	0	12,912	12,228	584,738	5,380	615,258
2031	0	14,668	(66,669)	584,972	5,380	538,351	0	12,758	(66,669)	584,738	5,380	536,207
2032	0	14,361	41,046	584,972	5,380	645,759	0	12,451	41,046	584,738	5,380	643,615
2033	0	14,577	(56,723)	584,972	5,380	548,206	0	12,667	(56,723)	584,738	5,380	546,062
2034	0	14,154	41,005	584,972	5,380	645,511	0	12,244	41,005	584,738	5,380	643,367
2035	0	13,371	(193,440)	584,972	5,380	410,283	0	11,461	(193,440)	584,738	5,380	408,139

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

Calendar Year	CALIFORNIA AQUEDUCT (continued)												
	WEST BRANCH (continued)						COASTAL BRANCH						
	Castaic Powerplant						Las Perillas and Badger Hill Pumping Plants				Devil's Den, Bluestone, and Polonio Pass Pumping Plants		
	Initial Fill Water	Operational Losses	Reservoir Storage Changes	Deliveries		Total	Initial Fill Water	Operational Losses	Water Supply Delivery	Total	Initial Fill Water	Operational Losses	Water Supply Delivery
Water Supply				Recreation									
[109]	[110]	[111]	[112]	[113]	[114]	[115]	[116]	[117]	[118]	[119]	[120]	[121]	[122]
1961	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
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	210	873	79,039	80,122	0	0	0
1969	0	0	0	0	0	0	0	1,042	62,064	63,106	0	0	0
1970	0	0	0	0	0	0	0	638	83,649	84,287	0	0	0
1971	0	0	0	0	0	0	0	3,455	110,971	114,426	0	0	0
1972	57,364	1,788	(6,162)	71,938	6,481	131,409	0	1,745	121,755	123,500	0	0	0
1973	37,198	6,430	4,542	155,297	1,075	204,542	0	5,479	78,645	84,124	0	0	0
1974	82,364	1,772	(950)	209,136	541	292,863	0	7,344	78,174	85,518	0	0	0
1975	90,460	5,002	(1,534)	374,280	1,563	469,771	0	5,819	85,216	91,035	0	0	0
1976	55,990	(7,695)	(132,036)	420,684	1,429	338,372	0	6,562	90,058	96,620	0	0	0
1977	0	(1,485)	(102,532)	122,447	(20)	18,410	0	5,777	40,579	46,356	0	0	0
1978	45,105	(2,264)	129,523	171,139	176	343,679	0	9,085	92,604	101,689	0	0	0
1979	0	(2,339)	(20,400)	145,598	0	122,859	0	10,896	123,155	134,051	0	0	0
1980	0	991	(118,026)	165,931	481	49,377	0	9,449	111,379	120,828	0	0	0
1981	0	(44,416)	47,244	283,264	2,704	288,796	0	13,232	109,754	122,986	0	0	0
1982	0	(60,135)	59,069	360,878	1,187	360,999	0	7,984	95,776	103,760	0	0	0
1983	0	(33,418)	(46,904)	166,995	2,618	89,291	0	5,710	100,518	106,228	0	0	0
1984	0	(29,618)	(139,545)	275,212	2,201	108,250	0	5,740	126,387	132,127	0	0	0
1985	0	(4,622)	135,007	403,097	844	534,326	0	7,563	120,823	128,386	0	0	0
1986	0	(6,664)	21,520	393,203	623	408,682	0	8,719	131,599	140,318	0	0	0
1987	0	(519)	(6,241)	433,452	2,734	429,426	0	11,363	128,080	139,443	0	0	0
1988	0	12,650	(28,498)	507,169	1,359	492,680	0	12,831	120,969	133,800	0	0	0
1989	0	634	(40,154)	611,681	3,161	575,322	0	11,454	116,801	128,255	0	0	0
1990	0	(14,012)	(15,101)	786,519	3,419	760,825	0	13,022	109,802	122,824	0	0	0
1991	0	(871)	89,637	262,921	2,283	353,970	0	5,802	1,496	7,298	0	0	0
1992	0	(609)	(71,795)	435,661	1,543	364,800	0	7,893	79,635	87,528	0	0	0
1993	0	21,959	(77,428)	451,257	1,211	396,999	0	9,282	94,921	104,203	0	0	0
1994	0	5,205	(95,738)	490,819	2,465	402,751	0	8,515	87,158	95,673	0	0	0
1995	0	20,400	75,863	157,629	1,223	255,115	0	6,986	94,536	101,522	0	0	0
1996	0	(5,621)	19,088	286,066	2,362	301,895	0	9,663	114,630	124,293	0	0	0
1997	0	11,119	(1,802)	323,201	1,566	334,084	527	8,343	110,428	119,298	527	8,538	9,065
1998	0	24,544	(57,726)	208,909	1,222	176,949	0	8,415	109,400	117,815	0	0	22,210
1999	0	(3,670)	6,280	357,664	2,865	363,139	0	2,453	120,061	122,514	0	303	23,880
2000	0	(19,645)	9,320	665,926	1,556	657,157	0	(429)	120,313	119,884	0	0	26,703
2001	0	(5,949)	(16,588)	477,315	746	455,524	0	(742)	87,915	87,173	0	0	23,229
2002	0	10,071	35,623	776,136	305	822,135	0	638	99,783	100,421	0	(151)	31,991
2003	0	9,075	(17,034)	725,781	356	718,178	0	161	101,113	101,274	0	284	31,421
2004	0	9,120	(11,440)	845,960	456	844,096	0	492	104,144	104,636	0	480	33,870
2005	0	21,155	(61,490)	577,251	472	537,388	0	1,484	103,178	104,662	0	573	27,595
2006	0	4,173	(121,607)	616,546	396	499,508	0	1,994	115,433	117,427	0	2,034	27,484
2007	0	(1,664)	117,880	758,860	196	875,272	0	3,355	131,590	134,945	0	293	31,516
2008	0	498	(14,279)	529,852	211	516,282	0	3,696	107,239	110,935	0	(30)	21,795
2009	0	(2,825)	9,194	628,819	164	635,352	0	2,242	102,509	104,751	0	(3,078)	19,253
2010	0	(4,135)	40,284	409,090	207	445,446	0	4,265	106,590	110,855	0	272	21,532
2011	0	(9,084)	(22,531)	408,846	221	377,452	0	3,994	113,647	117,641	0	533	24,869
2012	0	10,210	16,335	590,600	375	617,520	0	7,411	109,383	116,794	0	589	23,418
2013	0	13,114	(3,811)	610,623	196	620,122	0	7,637	110,714	118,351	0	295	21,699
2014	0	4,742	(11,327)	305,533	47	298,995	0	6,636	94,369	101,005	0	4,018	19,963
2015	0	4,268	(25,001)	465,451	63	444,781	0	5,458	94,227	99,685	0	378	15,111
2016	0	5,995	(68,486)	542,581	795	480,885	0	6,851	119,233	126,084	0	827	31,381
2017	0	17,918	75,020	413,886	34	506,858	0	7,192	132,194	139,386	0	7,332	32,585
2018	0	11,319	(745)	369,891	19	380,484	0	6,521	118,880	125,401	0	952	29,875
2019	0	10,896	(9,095)	326,236	73	328,110	0	2,988	110,756	113,744	0	1,163	20,780
2020	0	9,737	0	360,336	2,330	372,403	0	663	99,119	99,782	0	73	11,467
<b>2021</b>	<b>0</b>	<b>7,222</b>	<b>(156,000)</b>	<b>582,848</b>	<b>2,330</b>	<b>436,400</b>	<b>0</b>	<b>663</b>	<b>95,541</b>	<b>96,204</b>	<b>0</b>	<b>73</b>	<b>40,548</b>
2022	0	8,949	156,000	582,848	2,330	750,127	0	663	95,579	96,242	0	73	40,586
2023	0	6,620	(333)	582,848	2,330	591,465	0	663	95,655	96,318	0	73	40,662
2024	0	6,557	(10,020)	582,848	2,330	581,715	0	663	95,691	96,354	0	73	40,698
2025	0	6,536	(894)	582,848	2,330	590,820	0	663	95,691	96,354	0	73	40,698
2026	0	6,583	11,278	582,848	2,330	603,039	0	663	95,691	96,354	0	73	40,698
2027	0	6,565	(11,638)	582,848	2,330	580,105	0	663	95,691	96,354	0	73	40,698
2028	0	6,605	8,285	582,848	2,330	600,068	0	663	95,691	96,354	0	73	40,698
2029	0	6,538	(8,133)	582,848	2,330	583,583	0	663	95,691	96,354	0	73	40,698
2030	0	6,627	12,228	582,848	2,330	604,033	0	663	95,691	96,354	0	73	40,698
2031	0	6,473	(66,669)	582,848	2,330	524,982	0	663	95,691	96,354	0	73	40,698
2032	0	6,166	41,046	582,848	2,330	632,390	0	663	95,691	96,354	0	73	40,698
2033	0	6,382	(56,723)	582,848	2,330	534,837	0	663	95,691	96,354	0	73	40,698
2034	0	5,959	41,005	582,848	2,330	632,142	0	663	95,691	96,354	0	73	40,698
2035	0	5,176	(193,440)	582,848	2,330	396,914	0	663	95,691	96,354	0	73	40,698

**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 <sup>1</sup>	Allowance for Future Price Escalation <sup>2</sup>	Costs of Construction of Delivery Structures <sup>3</sup>	Costs of Requested Excess Capacity and Future Enlargement <sup>4</sup>	Capital Cost Component of Delta Water Charge <sup>5</sup>	Capital Cost Component of Transportation Water Charge <sup>6</sup>	Water Supply and Power Total		
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]
<b>CONSERVATION FACILITIES</b>									
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									
<b>Total, Upper Feather Division</b>									
Oroville Division									
Multipurpose Facilities									
Specific Power Facilities									
<b>Total, Oroville Division</b>									
California Aqueduct									
North San Joaquin Division									
San Luis Division									
<b>Total, California Aqueduct</b>									
Delta Facilities									
Planning and Preoperation									
<b>TOTAL, CONSERVATION FACILITIES</b>									
<b>TRANSPORTATION FACILITIES</b>									
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									
<b>Total, California Aqueduct</b>									
<b>TOTAL, TRANSPORTATION FACILITIES</b>									
East Branch Enlargement									
East Branch Extension									
Coastal Power Allocation									
San Joaquin Drainage Facilities									
Off-Aqueduct									
Power Generation Facilities									
Small Hydro									
Power Generation Facilities									
Land Purchase—Kern Water Bank									
Unassigned and Davis-Grunsky									
Davis-Grunsky									
Subtotal									
<b>TOTAL THROUGH 2035</b>									

Data Not Available

<sup>1</sup> Miscellaneous project receipts that are applied for accounting purposes to reduce the capital costs of the particular facilities.  
<sup>2</sup> These allowances are included for planning the future financial program, but not for determining current water charges.  
<sup>3</sup> See Table B-8.  
<sup>4</sup> See Table B-9.  
<sup>5</sup> See Table B-13.  
<sup>6</sup> See Table B-10.

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

Project Service Area and State Water Project Water Contractors	Calendar Year Capital Costs <sup>1</sup>						Total
	1952-2017	2018	2019	2020	2021	2022	
	[1]	[2]	[3]	[4]	[5]	[6]	[7]
<b>FEATHER RIVER AREA</b>							
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 <sup>2</sup>	43,939	0	0	0	0	0	43,939
<i>Subtotal</i>	<i>314,641</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>314,641</i>
<b>NORTH BAY AREA</b>							
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	5,000	40,000	0	707,113
<i>Subtotal</i>	<i>675,703</i>	<i>0</i>	<i>0</i>	<i>5,000</i>	<i>40,000</i>	<i>0</i>	<i>720,703</i>
<b>SOUTH BAY AREA</b>							
Alameda County Flood Control and Water Conservation District, Zone 7	1,911,350	0	0	0	40,000	0	1,951,350
Alameda County Water District	630,576	0	0	0	0	0	630,576
Santa Clara Valley Water District	33,531	0	0	0	0	0	33,531
San Francisco Water Department <sup>2</sup>	1,066,680	0	0	0	0	0	1,066,680
<i>Subtotal</i>	<i>3,642,137</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>40,000</i>	<i>0</i>	<i>3,682,137</i>
<b>CENTRAL COASTAL AREA</b>							
San Luis Obispo County Flood Control and Water Conservation District	58,008	0	0	0	0	0	58,008
Santa Barbara County Flood Control and Water Conservation District	67,058	0	0	0	0	0	67,058
<i>Subtotal</i>	<i>125,066</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>125,066</i>
<b>SAN JOAQUIN VALLEY AREA</b>							
County of Kings	55,281	70,736	30,893	450	0	0	157,360
Dudley Ridge Water District	345,170	0	0	0	0	0	345,170
Empire West Side Irrigation District	6,358	0	0	0	0	0	6,358
Green Valley Water District <sup>2</sup>	5,292	0	0	0	0	0	5,292
Kern County Water Agency	4,029,503	0	10,332	70,000	0	0	4,109,835
Oak Flat Water District	97,643	0	0	0	0	0	97,643
Santa Clarita Valley Water Agency <sup>3</sup>	82,567	0	0	0	0	0	82,567
Tracy Golf and Country Club <sup>2</sup>	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 <sup>2</sup>	3,342	0	0	0	0	0	3,342
Del Puerto Water District <sup>2</sup>	0	10,885	6,922	50,000	0	0	67,807
<i>Subtotal</i>	<i>4,909,571</i>	<i>81,621</i>	<i>48,147</i>	<i>120,450</i>	<i>0</i>	<i>0</i>	<i>5,159,789</i>
<b>SOUTHERN CALIFORNIA AREA</b>							
Antelope Valley-East Kern Water Agency	1,614,783	99,319	320,081	100,000	100,000	0	2,234,183
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	37,653	1,300	0	0	62,685
Mojave Water Agency	309,054	0	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	20,000	20,000	0	1,000,685
San Gabriel Valley Municipal Water District	131,052	0	0	0	0	0	131,052
San Geronio Pass Water Agency	139,123	35,496	73,814	30,000	0	0	278,433
Santa Clarita Valley Water Agency <sup>3</sup>	375,593	0	0	0	0	0	375,593
The Metropolitan Water District of Southern California	4,817,610	0	0	0	60,000	0	4,877,610
Ventura County Watershed Protection District	79,699	0	0	0	0	0	79,699
<i>Subtotal</i>	<i>8,548,446</i>	<i>134,815</i>	<i>431,548</i>	<i>151,300</i>	<i>180,000</i>	<i>0</i>	<i>9,448,109</i>
<b>TOTAL</b>	<b>18,215,564</b>	<b>216,436</b>	<b>479,695</b>	<b>276,750</b>	<b>260,000</b>	<b>0</b>	<b>19,448,445</b>

<sup>1</sup> Approximate only, not to be construed as invoice amounts.<sup>2</sup> Not an SWP water supply contractor.<sup>3</sup> Castaic Lake Water Agency's SWP Water Supply Contract was transferred to Santa Clarita Valley Water Agency effective November 2, 2018.

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 (-) <sup>1</sup>	Annual Surplus Money Investment Fund Interest Rate <sup>2</sup>		Net Over- or Underpayment With Interest <sup>3</sup>
				January-June	July-December	
	[1]	[2]	[3]	[4]	[5]	[6]
<b>THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA</b>						
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
<b>Total</b>	<b>11,339,011</b>	<b>12,514,776</b>	<b>(1,175,765)</b>	<b>—</b>	<b>—</b>	<b>10,461,314</b>
<b>SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT</b>						
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
<b>Total</b>	<b>139,245</b>	<b>138,552</b>	<b>693</b>	<b>—</b>	<b>—</b>	<b>86,133</b>
<b>ANTELOPE VALLEY-EAST KERN WATER AGENCY</b>						
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
<b>Total</b>	<b>55,682</b>	<b>37,407</b>	<b>18,275</b>	<b>—</b>	<b>—</b>	<b>134,869</b>

<sup>1</sup> Overpayment or underpayment for each calendar year—column [1] minus column [2].<sup>2</sup> Interest rates shown are annual rates. Interest is credited daily at applicable rates on funds deposited in the State's Surplus Money Investment Fund.<sup>3</sup> 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													Reach Total
	Incremental Costs and Advance Payments by Calendar Year													
	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]
<b>THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA</b>														
<i>Incremental Costs</i>														
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
<i>Adjustments</i>														
8C through 25	1. Advance Payments Applied to Incremental Costs Amendment 2 <sup>4</sup> See footnote 4.													
	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 <sup>5</sup> See footnote 5.													
								(1,532,433)					(10,104,646)	(11,637,079)
28J	3. Advance Payments Applied to Incremental Costs Amendment 5 <sup>6</sup> See footnote 6.													
	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 <sup>7</sup> See footnote 7.													
										(2,721,803)				(2,721,803)
	5. Net Required Advance of Funds													See footnote 8.
	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
<b>SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT</b>														
<i>Incremental Costs</i>														
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
<i>Adjustments</i>														
	1. Advance Payments Applied to Incremental Costs <sup>4</sup> See footnote 4.													
	0	184,422	49,052	44,911	61,588	(20,263)	(174,133)						(7,025)	138,552
	2. Interest Credit													
								(6,332)					(79,108)	(85,440)
	3. Net Required Advance of Funds													See footnote 8.
	0	184,422	49,052	44,911	61,588	(20,263)	(180,465)						(86,133)	53,112
<b>ANTELOPE VALLEY-EAST KERN WATER AGENCY</b>														
<i>Incremental Costs</i>														
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
<i>Adjustments</i>														
	1. Advance Payments Applied to Incremental Costs <sup>4</sup> See footnote 4.													
			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													See footnote 8.
		85,495	52,625	101,648	34,062	(12,794)	(205,354)	0	0			(134,869)		(79,187)

<sup>4</sup> Actual payments are shown for 1965 through 1976 with 1981 adjusted to reflect overpayments and underpayments without interest for prior years.

<sup>5</sup> Interest for overpayments and underpayments under provisions of Amendment 2 of the contract.

<sup>6</sup> Actual payments are shown for 1965 through 1973 with 1974 adjusted to reflect overpayments and underpayments without interest for prior years.

<sup>7</sup> Interest for overpayments and underpayments under provisions of Amendment 5 of the contract.

<sup>8</sup> 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)**

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
		[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	6	26,191	154	0	1,188,559	1,214,905	10,200,386	1,397,365	1,834,913	1,815
2010	(2)	4,652	(45)	(1)	395,328	399,934	7,061,360	104,208	468,313	14,865,982
2011	0	57,075	12	0	175,912	232,999	10,255,032	1,863,342	4,089,221	3,416,710
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	263,641	2	81,504	109,412	454,560	1,779,546	117,701	716,517	127,708
2016	0	142,630	1,260	61,753	45,733	251,375	273,581	105,271	407,238	71,071
2017	0	65,208	889	51,882	7,256	125,236	102,584	2,042	359,064	43,584
2018	0	50,733	1,861	23,293	8,786	84,672	782,350	7,822	1,776,937	30,274
2019	0	75,483	3,149	35,790	12,761	127,182	1,652,715	20,534	27,080	33,115
2020	0	290,328	17,368	254,040	105,185	666,921	2,651,830	92,130	263,247	99,165
<b>2021</b>	<b>0</b>	<b>1,004,810</b>	<b>20,778</b>	<b>1,406,766</b>	<b>732,133</b>	<b>3,164,487</b>	<b>3,852,378</b>	<b>67,994</b>	<b>194,262</b>	<b>591,627</b>
2022	0	560,576	67,367	1,503,011	203,454	2,334,409	3,652,580	69,416	244,571	773,395
2023	0	1,295,273	51,483	57,073	110,488	1,514,318	2,895,165	219,428	114,463	3,027,708
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
<b>TOTAL</b>	<b>341,139</b>	<b>48,206,207</b>	<b>33,223,688</b>	<b>8,283,806</b>	<b>30,066,781</b>	<b>119,780,483</b>	<b>95,560,566</b>	<b>7,916,144</b>	<b>21,198,352</b>	<b>35,389,755</b>



**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			
	Reach 6	Reach 7	Reach 8	Reach 9	Total	NORTH SAN JOAQUIN DIVISION			Subtotal
						Reach 1	Reach 2A	Reach 2B	
	[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	383,600
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	10,731	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	3,042	3,187	3,266	4,591	13,448,565	553,705	40,289	29,613	623,608
2010	732	716	711	1,006	22,503,029	181,161	8,175	2,311	191,646
2011	6,513	7,659	6,472	9,164	19,654,113	813,521	51,565	3,937	869,023
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	2,906,365	5,857,605	930,778	373,501	7,161,884
2016	1,764	2,488	2,147	14,246	877,805	2,721,640	894,583	411,576	4,027,799
2017	641	794	553	101,577	610,839	7,157,077	695,554	146,255	7,998,885
2018	1,341	1,662	1,158	436,681	3,038,225	3,299,736	929,591	9,624,786	13,854,112
2019	9,570	10,114	9,261	548,745	2,311,133	5,560,302	544,608	235,545	6,340,454
2020	56,869	58,682	55,972	1,245,160	4,523,055	15,972,258	3,271,679	2,844,201	22,088,138
<b>2021</b>	<b>41,153</b>	<b>42,670</b>	<b>40,642</b>	<b>860,125</b>	<b>5,690,852</b>	<b>16,158,223</b>	<b>4,419,344</b>	<b>206,372</b>	<b>20,783,939</b>
2022	24,555	42,269	39,010	91,322	4,937,119	13,071,491	3,601,709	209,862	16,883,062
2023	18,168	20,312	18,076	49,109	6,362,429	6,878,225	1,836,108	134,310	8,848,643
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
<b>TOTAL</b>	<b>1,454,974</b>	<b>5,547,218</b>	<b>7,751,392</b>	<b>23,535,076</b>	<b>198,353,475</b>	<b>207,222,723</b>	<b>64,292,796</b>	<b>38,694,556</b>	<b>310,210,074</b>

**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)									
	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	610	216,166	44,901	4,909	(44,365)	222,221	2,362	15,880	8,710	10,301
2010	(75)	1,560,318	130,846	609	(355,963)	1,335,734	(4)	1,773	956	1,111
2011	7,037	644,158	481,685	1,297	78,291	1,212,468	1	6,354	1,748	13,984
2012	44,540	213,896	2,999	29,658	170,358	461,451	1,139	114,545	36,447	73,710
2013	810,117	269,663	810,390	114,448	196,559	2,201,176	42,393	383,194	323,185	342,033
2014	834,389	337,677	549,648	69,916	223,315	2,014,945	12,784	189,301	145,263	168,542
2015	(680,141)	145,444	341,458	4,839	166,339	(22,061)	12,897	174,314	133,514	164,681
2016	197,380	1,508,169	2,481,303	156,598	396,385	4,739,835	14,934	212,961	118,469	174,835
2017	20,329	1,321,654	2,089,249	136,021	2,382,952	5,950,205	1,743	134,718	104,831	166,509
2018	(25,548)	3,277,563	1,038,675	98,627	1,127,656	5,516,973	494	163,322	175,719	210,467
2019	305,829	3,517,914	3,241,597	199,918	2,651,912	9,917,170	821	284,406	270,928	407,083
2020	376,528	7,230,108	5,541,588	370,400	2,250,611	15,769,235	262,389	2,079,454	607,293	3,144,337
<b>2021</b>	<b>192,855</b>	<b>7,196,899</b>	<b>5,949,479</b>	<b>368,489</b>	<b>2,020,912</b>	<b>15,728,633</b>	<b>267,423</b>	<b>3,412,987</b>	<b>746,570</b>	<b>2,032,146</b>
2022	201,251	5,539,196	6,498,756	824,760	16,738,067	29,802,029	384,478	4,115,284	1,461,414	3,567,441
2023	176,950	6,569,365	51,306,423	2,322,314	27,271,390	87,646,443	223,027	4,995,463	2,676,786	4,223,327
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
<b>TOTAL</b>	<b>23,297,454</b>	<b>71,058,043</b>	<b>104,136,108</b>	<b>10,671,677</b>	<b>112,051,420</b>	<b>321,214,701</b>	<b>2,167,257</b>	<b>29,413,875</b>	<b>17,967,707</b>	<b>25,143,063</b>

**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)									
	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	101,653	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	1,937,795
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	8,661	16,743	9,057	9,223	34,427	16,975	302	17,919	66,302	216,862
2010	937	1,943	957	920	3,103	1,955	(34)	1,212	6,625	21,454
2011	1,753	3,487	1,747	1,758	40,339	3,484	10	13,658	134,210	222,531
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	100,229	157,451	115,414	119,313	859,596	168,059	38,512	625,150	1,181,565	3,881,179
2015	89,866	131,273	115,750	139,499	792,774	86,442	25,394	638,139	796,641	3,301,185
2016	83,042	98,410	140,876	14,345,691	846,168	76,643	31,370	1,454,839	1,334,309	18,932,547
2017	70,715	108,546	93,608	301,846	1,312,418	49,060	7,622	777,994	940,299	4,069,911
2018	113,176	150,740	117,305	144,249	1,604,753	8,955	2,595	1,207,423	251,308	4,150,506
2019	260,911	288,107	100,675	117,451	390,378	5,708	4,130	1,152,725	234,321	3,517,643
2020	2,611,662	674,462	438,480	593,986	2,813,760	236,495	87,323	1,647,840	3,135,459	18,332,940
<b>2021</b>	<b>838,826</b>	<b>1,956,757</b>	<b>3,259,432</b>	<b>1,359,664</b>	<b>7,725,992</b>	<b>880,341</b>	<b>219,807</b>	<b>2,628,332</b>	<b>7,492,258</b>	<b>32,820,536</b>
2022	1,200,774	3,991,120	1,136,914	1,954,581	9,432,296	1,313,903	472,374	5,666,283	12,546,981	47,243,843
2023	1,557,896	9,542,791	1,849,560	2,509,641	7,719,865	586,126	278,133	5,897,097	13,473,826	55,533,536
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
<b>TOTAL</b>	<b>19,773,332</b>	<b>28,730,681</b>	<b>16,050,549</b>	<b>38,040,465</b>	<b>101,499,306</b>	<b>13,001,539</b>	<b>8,482,219</b>	<b>70,750,265</b>	<b>119,756,680</b>	<b>490,776,937</b>

**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)									
	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	9,982,682	9,158	9,991,840	22,893	25,186	0	33,292	24,677	32,865	8,223
2010	11,125,921	725	11,126,646	24,906	2,833	0	3,861	2,980	3,984	994
2011	4,980,108	1,812	4,981,920	4,507	5,253	0	6,981	5,212	6,947	1,737
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	9,052,843	37,215	9,090,057	708,309	91,309	0	1,520,944	91,309	121,745	30,436
2016	3,269,487	22,186	3,291,674	110,663	35,846	0	641,765	30,678	38,755	11,825
2017	2,659,274	26,791	2,686,064	259,599	56,571	0	57,238	52,359	69,053	18,770
2018	5,461,172	18,630	5,479,802	539,133	23,056	0	29,293	14,238	17,397	7,504
2019	3,179,459	2,407,175	5,586,634	240,780	26,578	0	32,987	11,660	12,856	8,552
2020	8,204,531	20,465	8,224,997	1,829,485	160,953	0	206,916	117,894	147,799	52,610
<b>2021</b>	<b>8,858,695</b>	<b>110,837</b>	<b>8,969,531</b>	<b>1,181,576</b>	<b>222,284</b>	<b>0</b>	<b>290,221</b>	<b>195,775</b>	<b>255,774</b>	<b>73,018</b>
2022	19,941,598	209,711	20,151,309	1,326,558	118,492	0	133,831	82,752	93,872	32,526
2023	14,961,317	171,478	15,132,795	1,458,315	131,460	0	151,178	108,287	111,702	44,851
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
<b>TOTAL</b>	<b>368,318,960</b>	<b>57,937,635</b>	<b>426,256,595</b>	<b>60,049,746</b>	<b>25,244,461</b>	<b>759,941</b>	<b>22,367,317</b>	<b>19,132,886</b>	<b>10,229,644</b>	<b>13,419,166</b>



**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)										
	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	215,978	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	19,517	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	64,678	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	1,931,357	16,656	22,763	1,463,455	395	46,904	3,481,529	19,419	17,140	2,357	
2010	864,327	1,982	24,650	231,950	(54)	16,969	1,139,825	633,614	3,110	0	
2011	426,178	3,476	3,867	40,720	15	3,492	477,747	894,062	39,626	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	332,856	96,900	39,531	1,677,183	2,710,216	1,316,201	1,327,525	0	
2015	154,787	112,785	473,011	48,982	27,813	3,378,758	4,196,137	829,729	1,259,985	0	
2016	177,114	128,685	287,933	30,648	32,746	2,427,910	3,085,035	1,193,427	918,450	0	
2017	246,387	85,850	1,721,122	245,217	23,458	1,769,317	4,091,353	1,474,823	717,086	0	
2018	153,515	1,868,391	1,530,815	654,698	14,928	1,555,633	5,777,979	2,139,134	142,347	0	
2019	1,342,938	3,531,971	1,179,581	1,766,357	26,659	2,341,299	10,188,804	1,286,834	663,698	454	
2020	799,434	136,055	4,163,412	8,092,764	43,372	3,793,238	17,028,276	4,256,285	2,182,345	38,706	
<b>2021</b>	<b>744,668</b>	<b>146,925</b>	<b>2,980,574</b>	<b>4,884,745</b>	<b>318,103</b>	<b>9,077,580</b>	<b>18,152,594</b>	<b>3,087,841</b>	<b>5,258,835</b>	<b>0</b>	
2022	218,406	54,123	834,211	7,020,117	325,414	11,563,668	20,015,939	5,853,344	4,267,366	0	
2023	1,350,287	201,074	667,960	11,873,901	115,868	5,231,459	19,440,549	6,230,621	6,789,990	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	
<b>TOTAL</b>	<b>49,668,422</b>	<b>38,842,930</b>	<b>142,166,592</b>	<b>101,604,717</b>	<b>78,805,655</b>	<b>180,403,037</b>	<b>591,491,355</b>	<b>51,092,483</b>	<b>159,439,641</b>	<b>171,454,994</b>	



**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)						Total	GRAND TOTAL
	COASTAL BRANCH (continued)							
	Reach 34	Reach 35	Reach 37	Reach 38	Subtotal			
[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	19	19,626	0	0	58,560	26,226,360	40,889,836	
2010	(6)	(5,643)	0	0	631,075	23,052,168	45,955,128	
2011	2	1,568	0	0	935,257	17,925,976	37,813,089	
2012	96	1,455	0	0	610,523	23,976,419	37,907,075	
2013	209	1,590	0	0	1,955,967	41,613,214	49,495,208	
2014	114	1,113	0	0	2,644,952	34,933,102	35,290,474	
2015	1,286	0	0	0	2,091,000	52,071,983	55,432,907	
2016	2,899	0	0	0	2,114,775	79,298,447	80,427,627	
2017	2,412	0	0	0	2,194,321	47,474,814	48,210,889	
2018	242	0	0	0	2,281,723	52,522,618	55,645,516	
2019	272	0	0	0	1,951,258	52,481,879	54,920,194	
2020	0	0	0	0	6,477,336	119,220,906	124,410,882	
<b>2021</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,346,676</b>	<b>142,335,389</b>	<b>151,190,727</b>	
2022	262	0	0	0	10,120,972	192,632,914	199,904,442	
2023	3,702	0	0	0	13,024,314	236,190,810	244,067,556	
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	
<b>TOTAL</b>	<b>81,153,305</b>	<b>50,100,223</b>	<b>16,067,297</b>	<b>16,612,628</b>	<b>545,920,571</b>	<b>3,651,070,345</b>	<b>3,969,545,442</b>	



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

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	373,427	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	670,038	327,826	296,607	287,461	1,581,931	3,702,233	472,887	429,337	445,245
2000	505	921,145	255,241	658,337	414,732	2,249,455	3,819,656	542,912	442,523	552,798
2001	314	1,072,602	229,536	456,017	181,422	1,939,577	2,907,864	272,655	289,843	390,435
2002	3,627	1,588,193	416,716	411,335	399,228	2,815,473	3,864,254	342,960	468,135	542,366
2003	393	1,776,808	545,849	567,701	354,209	3,244,568	2,347,693	365,740	575,369	963,063
2004	455	1,601,844	635,523	738,142	818,262	3,793,771	3,340,788	510,418	746,881	698,740
2005	452	1,059,792	322,702	767,313	412,453	2,562,259	3,309,596	262,582	427,600	807,588
2006	3,900	785,570	233,554	602,287	431,930	2,053,342	3,478,759	377,976	754,014	590,771
2007	(8)	1,081,246	232,507	467,676	275,805	2,057,234	5,023,799	691,586	588,726	790,531
2008	3,578	823,765	217,850	526,554	602,872	2,171,042	5,218,899	679,964	744,461	927,351
2009	88	1,229,747	276,666	619,451	554,226	2,680,090	4,041,198	678,768	715,061	1,362,533
2010	25	2,671,470	111,842	1,104,059	275,902	4,163,272	4,490,592	578,352	804,400	717,652
2011	63	2,639,192	584,088	1,238,782	415,722	4,877,785	5,165,636	838,752	874,821	501,976
2012	(24)	2,614,239	143,190	1,452,281	1,125,652	5,335,363	5,308,626	1,113,956	749,806	832,612
2013	277	3,328,405	133,834	476,851	371,959	4,311,050	6,182,430	1,217,976	685,040	1,105,530
2014	111	4,065,718	176,356	610,595	548,856	5,401,525	7,348,027	627,118	640,537	1,307,634
2015	114	2,881,654	251,148	1,224,921	1,084,166	5,441,889	8,559,354	664,586	633,014	855,605
2016	5,401	4,877,284	324,910	599,337	1,026,935	6,828,465	6,914,928	686,224	665,312	1,222,060
2017	111	2,581,218	400,949	694,828	833,187	4,510,182	7,287,602	1,196,795	1,692,142	1,271,812
2018	47,578	3,478,280	244,062	947,407	1,459,270	6,129,020	11,371,977	1,207,217	714,806	1,804,259
2019	12,981	3,300,708	711,312	521,848	1,197,154	5,731,023	8,768,969	1,677,296	1,019,581	2,061,323
2020	17,602	3,935,161	720,413	2,016,738	1,373,410	8,045,722	10,027,258	1,549,865	1,245,098	2,036,245
<b>2021</b>	<b>17,204</b>	<b>4,017,354</b>	<b>720,313</b>	<b>912,699</b>	<b>1,367,675</b>	<b>7,018,041</b>	<b>10,841,928</b>	<b>1,530,884</b>	<b>1,228,931</b>	<b>2,177,785</b>
2022	17,200	4,046,285	630,115	717,930	1,752,560	7,146,890	9,406,807	1,777,046	1,227,273	2,206,356
2023	17,508	4,039,596	697,183	1,227,947	1,512,860	7,477,586	10,192,918	1,635,458	1,246,105	2,161,529
2024	17,683	4,079,992	704,155	1,240,226	1,527,988	7,552,361	10,294,847	1,651,812	1,258,566	2,183,145
2025	17,860	4,120,792	711,196	1,252,629	1,543,268	7,627,885	10,397,796	1,668,330	1,271,151	2,204,976
2026	18,039	4,162,000	718,308	1,265,155	1,558,701	7,704,164	10,501,774	1,685,014	1,283,863	2,227,026
2027	18,219	4,203,620	725,491	1,277,806	1,574,288	7,781,205	10,606,791	1,701,864	1,296,702	2,249,296
2028	18,401	4,245,656	732,746	1,290,585	1,590,031	7,859,018	10,712,859	1,718,882	1,309,669	2,271,789
2029	18,585	4,288,113	740,074	1,303,490	1,605,931	7,937,608	10,819,988	1,736,071	1,322,765	2,294,507
2030	18,771	4,330,994	747,474	1,316,525	1,621,990	8,016,983	10,928,188	1,753,432	1,335,993	2,317,452
2031	18,959	4,374,304	754,949	1,329,691	1,638,210	8,097,154	11,037,470	1,770,966	1,349,353	2,340,626
2032	19,149	4,418,047	762,499	1,342,987	1,654,592	8,178,125	11,147,844	1,788,676	1,362,846	2,364,033
2033	19,340	4,462,227	770,124	1,356,417	1,671,138	8,259,906	11,259,323	1,806,563	1,376,475	2,387,673
2034	19,534	4,506,849	777,825	1,369,981	1,687,850	8,342,505	11,371,916	1,824,628	1,390,240	2,411,550
2035	19,729	4,551,918	785,603	1,383,681	1,704,728	8,425,930	11,485,635	1,842,875	1,404,142	2,435,665
<b>TOTAL</b>	<b>441,347</b>	<b>117,956,563</b>	<b>20,875,362</b>	<b>37,648,123</b>	<b>44,113,190</b>	<b>220,593,238</b>	<b>335,405,716</b>	<b>47,835,759</b>	<b>44,191,134</b>	<b>62,044,730</b>

**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			
	Reach 6	Reach 7	Reach 8	Reach 9	Total	NORTH SAN JOAQUIN DIVISION			Subtotal
						Reach 1	Reach 2A	Reach 2B	
	[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	427,660	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	49,763	34,831	427,065	2,030,681	7,592,040	11,451,290	1,418,731	1,316,625	14,186,646
2000	135,901	87,817	185,990	641,451	6,409,049	12,640,879	905,469	648,297	14,194,644
2001	112,954	188,920	197,678	1,047,945	5,408,295	17,554,493	1,378,254	753,349	19,686,097
2002	143,863	171,451	501,546	2,781,294	8,815,868	14,425,861	865,656	623,390	15,914,907
2003	77,999	97,782	247,719	987,204	5,662,570	16,518,135	1,742,176	753,175	19,013,487
2004	156,596	179,074	205,223	453,847	6,291,567	13,891,972	1,211,276	679,370	15,782,618
2005	143,052	202,176	135,131	223,699	5,511,424	12,444,218	1,941,698	873,183	15,259,099
2006	144,002	120,668	74,912	378,425	5,919,527	13,744,638	1,921,872	1,254,193	16,920,703
2007	78,627	115,099	67,469	242,249	7,598,085	11,991,014	1,702,766	627,256	14,321,036
2008	171,811	156,742	233,976	235,762	8,368,966	15,570,010	1,454,647	809,165	17,833,821
2009	84,717	141,922	114,597	619,772	7,758,568	13,696,235	1,067,699	864,355	15,628,289
2010	52,326	572,894	23,852	453,466	7,693,507	12,838,958	2,054,832	1,410,711	16,304,501
2011	82,635	77,126	58,547	472,662	8,072,156	16,658,230	2,808,698	1,443,459	20,910,388
2012	56,146	133,309	61,977	2,498,758	10,755,190	15,617,841	1,324,192	1,309,167	18,251,201
2013	82,457	175,232	98,865	1,184,314	10,731,845	16,731,894	1,743,009	2,419,093	20,893,997
2014	185,738	169,939	58,246	2,042,934	12,380,174	23,467,126	2,749,220	1,990,388	28,206,734
2015	122,064	194,385	144,459	3,166,945	14,340,412	24,874,581	1,643,573	1,917,166	28,435,320
2016	137,092	306,373	76,490	8,933,218	18,941,699	24,399,495	2,630,011	2,200,290	29,229,796
2017	92,160	143,309	137,361	4,913,632	16,734,811	24,513,143	846,985	879,260	26,239,388
2018	78,529	174,516	70,218	3,212,804	18,634,325	27,148,365	1,126,496	2,099,247	30,374,108
2019	98,103	282,679	51,997	1,385,739	15,345,688	29,202,251	2,128,201	2,187,604	33,518,056
2020	101,567	251,228	79,665	1,510,783	16,801,709	33,780,491	2,200,144	2,223,266	38,203,901
<b>2021</b>	<b>99,987</b>	<b>248,075</b>	<b>78,126</b>	<b>1,469,359</b>	<b>17,675,075</b>	<b>30,283,516</b>	<b>2,116,902</b>	<b>2,163,157</b>	<b>34,563,575</b>
2022	99,850	247,735	78,022	1,467,380	16,510,469	29,819,991	2,107,819	2,150,555	34,078,365
2023	101,473	251,503	79,390	1,497,332	17,165,708	31,607,613	2,163,037	2,200,783	35,971,433
2024	102,487	254,018	80,184	1,512,305	17,337,364	31,923,689	2,184,668	2,222,791	36,331,148
2025	103,512	256,558	80,986	1,527,428	17,510,737	32,242,926	2,206,514	2,245,019	36,694,459
2026	104,547	259,124	81,796	1,542,703	17,685,847	32,565,355	2,228,579	2,267,469	37,061,403
2027	105,593	261,715	82,614	1,558,130	17,862,705	32,891,008	2,250,865	2,290,144	37,432,017
2028	106,649	264,332	83,440	1,573,711	18,041,331	33,219,919	2,273,374	2,313,045	37,806,338
2029	107,715	266,976	84,274	1,589,448	18,221,744	33,552,118	2,296,108	2,336,175	38,184,401
2030	108,792	269,645	85,117	1,605,343	18,403,962	33,887,639	2,319,069	2,359,537	38,566,245
2031	109,880	272,342	85,968	1,621,396	18,588,001	34,226,515	2,342,259	2,383,133	38,951,907
2032	110,979	275,065	86,828	1,637,610	18,773,881	34,568,780	2,365,682	2,406,964	39,341,426
2033	112,089	277,816	87,696	1,653,986	18,961,621	34,914,468	2,389,339	2,431,034	39,734,841
2034	113,210	280,594	88,573	1,670,526	19,151,237	35,263,613	2,413,232	2,455,344	40,132,189
2035	114,342	283,400	89,459	1,687,231	19,342,749	35,616,249	2,437,364	2,479,897	40,533,510
<b>TOTAL</b>	<b>4,356,496</b>	<b>9,402,151</b>	<b>6,280,777</b>	<b>69,521,402</b>	<b>579,038,165</b>	<b>1,043,215,742</b>	<b>95,338,521</b>	<b>82,327,353</b>	<b>1,220,881,617</b>

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

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	2,882,533	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	582,573	5,670,118	1,193,492	522,612	657,321	8,626,115	105,185	418,138	430,694	1,148,526
2000	712,148	5,852,710	1,034,123	528,595	876,101	9,003,678	104,382	467,202	513,691	924,071
2001	(566,076)	7,151,927	850,787	372,374	677,824	8,486,836	58,346	553,100	602,903	870,228
2002	1,079,092	5,188,597	669,981	253,784	736,677	7,928,130	55,211	731,568	418,636	1,311,307
2003	1,033,869	6,035,487	744,447	301,820	617,486	8,733,109	62,399	676,784	645,931	819,094
2004	620,332	6,869,945	680,657	338,440	579,217	9,088,591	35,465	474,482	334,864	605,336
2005	552,813	5,984,685	984,807	401,962	799,334	8,723,601	28,347	403,773	296,545	898,064
2006	(93,381)	6,141,455	1,589,806	635,747	903,560	9,177,187	46,878	532,446	791,814	482,844
2007	1,137,909	7,698,186	1,963,767	688,186	935,895	12,423,943	242,814	856,930	536,534	633,903
2008	897,861	10,658,129	2,158,551	666,757	974,485	15,355,783	72,338	458,599	663,448	950,647
2009	971,092	8,137,795	1,233,553	511,335	1,151,133	12,004,909	36,810	769,895	478,039	933,554
2010	1,009,086	9,613,526	1,575,458	558,986	1,296,450	14,053,506	66,908	742,932	549,794	726,024
2011	1,234,146	7,636,959	2,867,710	602,233	1,663,997	14,005,045	12,939	600,194	794,875	1,163,621
2012	1,675,143	10,874,710	2,402,606	638,282	1,233,493	16,824,235	36,210	662,289	807,969	814,834
2013	1,833,547	11,574,947	2,886,828	1,357,031	3,282,428	20,934,781	39,519	614,640	611,787	1,014,936
2014	1,354,511	11,567,674	2,452,414	784,857	1,301,168	17,460,623	4,016	1,132,448	251,658	1,959,501
2015	1,169,732	11,873,889	2,415,727	861,361	2,078,181	18,398,889	7,012	569,449	267,773	1,455,966
2016	1,605,582	12,315,511	2,085,164	692,825	2,072,806	18,771,888	90,127	214,166	264,844	1,111,952
2017	987,877	9,495,239	1,942,538	735,553	2,532,487	15,693,695	34,506	479,237	359,837	1,149,913
2018	875,558	10,674,715	2,466,448	803,755	2,385,362	17,205,838	196,425	452,669	329,289	486,154
2019	1,716,254	12,447,655	2,535,755	854,907	2,370,673	19,925,245	95,818	805,040	666,057	1,359,210
2020	1,913,886	10,941,338	2,401,861	810,826	2,398,614	18,466,525	135,232	824,289	690,759	1,459,518
<b>2021</b>	<b>1,857,859</b>	<b>11,875,746</b>	<b>3,038,818</b>	<b>778,704</b>	<b>2,469,847</b>	<b>20,020,974</b>	<b>132,452</b>	<b>796,186</b>	<b>666,081</b>	<b>1,418,115</b>
2022	1,905,648	12,048,177	3,514,971	811,222	2,648,929	20,928,947	131,654	792,781	663,372	1,410,864
2023	1,911,390	11,737,972	3,015,069	808,254	2,530,855	20,003,540	134,444	812,463	680,138	1,443,794
2024	1,930,504	11,855,351	3,045,220	816,336	2,556,164	20,203,575	135,789	820,588	686,939	1,458,232
2025	1,949,809	11,973,905	3,075,672	824,499	2,581,725	20,405,610	137,146	828,794	693,809	1,472,814
2026	1,969,307	12,093,644	3,106,429	832,744	2,607,542	20,609,666	138,518	837,082	700,747	1,487,542
2027	1,989,000	12,214,580	3,137,493	841,072	2,633,618	20,815,763	139,903	845,452	707,754	1,502,418
2028	2,008,890	12,336,726	3,168,868	849,483	2,659,954	21,023,921	141,302	853,907	714,832	1,517,442
2029	2,028,979	12,460,093	3,200,557	857,977	2,686,554	21,234,160	142,715	862,446	721,980	1,532,616
2030	2,049,268	12,584,694	3,232,562	866,557	2,713,419	21,446,500	144,142	871,071	729,200	1,547,943
2031	2,069,761	12,710,541	3,264,888	875,223	2,740,553	21,660,966	145,584	879,781	736,492	1,563,422
2032	2,090,459	12,837,647	3,297,537	883,975	2,767,959	21,877,577	147,040	888,579	743,857	1,579,056
2033	2,111,363	12,966,023	3,330,512	892,815	2,795,638	22,096,351	148,510	897,465	751,296	1,594,847
2034	2,132,477	13,095,683	3,363,817	901,743	2,823,595	22,317,315	149,995	906,439	758,808	1,610,795
2035	2,153,802	13,226,640	3,397,455	910,760	2,851,831	22,540,488	151,495	915,504	766,397	1,626,903
<b>TOTAL</b>	<b>61,060,479</b>	<b>453,587,040</b>	<b>100,860,482</b>	<b>33,831,992</b>	<b>92,383,365</b>	<b>741,723,358</b>	<b>6,123,990</b>	<b>36,692,285</b>	<b>31,157,954</b>	<b>58,679,295</b>

**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	387,552	191,831	413,338	526,195	5,017,085	330,032	215,690	4,819,968	8,732,023	22,736,257
2000	407,003	329,623	651,632	567,643	5,959,445	343,747	141,270	5,385,187	12,485,886	28,280,782
2001	415,298	895,341	520,889	660,008	4,700,135	(133,493)	(94,172)	6,003,710	15,778,861	30,831,154
2002	382,203	297,572	960,688	864,102	5,962,071	34,549	252,703	5,606,914	11,476,678	28,354,200
2003	339,986	236,306	691,422	613,937	6,164,628	(137,397)	18,246	6,989,179	11,502,301	28,622,818
2004	245,541	176,537	625,209	586,536	7,241,729	(139,395)	(165,604)	8,916,615	14,638,053	33,575,369
2005	211,307	118,697	849,743	466,701	6,233,884	(183,948)	(193,071)	5,885,076	13,848,942	28,864,061
2006	190,864	53,965	764,253	502,669	5,096,107	(183,333)	(183,906)	8,402,592	13,753,674	30,250,866
2007	258,937	292,958	552,479	552,027	6,687,197	(435,760)	(343,898)	10,919,211	8,494,257	29,247,588
2008	429,777	238,540	426,091	726,807	11,120,094	(264,905)	(205,829)	13,041,767	10,926,648	38,584,024
2009	413,944	212,072	623,256	551,957	7,838,367	591,237	(46,848)	8,761,971	13,345,516	34,509,772
2010	446,496	116,204	423,672	703,628	18,750,528	(150,521)	(50,268)	6,648,918	9,689,381	27,783,496
2011	622,763	312,681	874,050	1,583,607	8,800,970	(231,289)	(41,944)	6,234,277	15,904,917	36,631,662
2012	794,411	280,544	1,049,503	3,227,869	11,223,807	395,956	451,768	8,837,085	12,819,896	41,402,142
2013	484,291	454,593	901,716	827,943	11,798,694	278,574	166,475	9,552,814	14,513,536	41,259,519
2014	113,763	75,439	559,825	333,788	15,049,168	208,238	329,364	10,342,848	15,933,534	46,293,589
2015	691,469	302,419	644,710	864,498	11,100,807	106,136	207,859	11,950,065	16,425,713	44,593,876
2016	645,420	67,482	1,309,418	840,657	10,090,811	(55,636)	(347,323)	12,393,198	19,010,140	45,635,255
2017	607,549	62,698	941,394	600,453	7,955,569	(124,322)	634,802	10,861,575	16,080,495	39,643,705
2018	395,580	329,826	1,591,245	1,091,555	13,686,553	30,772	249,458	10,015,705	17,226,948	46,082,178
2019	646,306	520,022	1,156,280	1,101,786	15,074,247	49,096	73,090	12,623,704	20,890,365	55,061,020
2020	678,628	488,315	1,452,065	1,299,070	16,786,330	389,356	569,465	12,949,506	18,990,729	56,713,262
<b>2021</b>	<b>656,969</b>	<b>466,857</b>	<b>1,421,491</b>	<b>1,252,579</b>	<b>16,423,051</b>	<b>371,075</b>	<b>554,112</b>	<b>12,742,093</b>	<b>21,268,099</b>	<b>58,169,160</b>
2022	653,837	465,396	1,413,310	1,246,591	16,838,173	369,723	551,195	13,579,197	17,674,426	55,790,519
2023	669,776	478,258	1,443,245	1,278,741	16,849,343	380,485	563,840	13,221,168	19,504,196	57,459,891
2024	676,474	483,041	1,457,677	1,291,528	17,017,837	384,290	569,478	13,353,379	19,699,238	58,034,490
2025	683,239	487,871	1,472,254	1,304,443	17,188,015	388,133	575,173	13,486,913	19,896,230	58,614,834
2026	690,071	492,750	1,486,976	1,317,488	17,359,895	392,014	580,924	13,621,782	20,095,192	59,200,981
2027	696,972	497,677	1,501,846	1,330,663	17,533,494	395,934	586,734	13,758,000	20,296,144	59,792,991
2028	703,942	502,654	1,516,865	1,343,969	17,708,829	399,894	592,601	13,895,580	20,499,106	60,390,923
2029	710,981	507,681	1,532,033	1,357,409	17,885,917	403,893	598,527	14,034,536	20,704,097	60,994,831
2030	718,091	512,758	1,547,354	1,370,983	18,064,776	407,932	604,512	14,174,881	20,911,138	61,604,781
2031	725,272	517,885	1,562,827	1,384,693	18,245,424	412,011	610,557	14,316,630	21,120,249	62,220,827
2032	732,525	523,064	1,578,455	1,398,540	18,427,878	416,131	616,663	14,459,796	21,331,452	62,843,036
2033	739,850	528,295	1,594,240	1,412,525	18,612,157	420,292	622,830	14,604,394	21,544,766	63,471,467
2034	747,248	533,578	1,610,182	1,426,651	18,798,279	424,495	629,058	14,750,438	21,760,214	64,106,180
2035	754,721	538,913	1,626,284	1,440,917	18,986,262	428,740	635,349	14,897,943	21,977,816	64,747,244
<b>TOTAL</b>	<b>26,524,625</b>	<b>18,216,383</b>	<b>49,331,854</b>	<b>48,116,829</b>	<b>548,056,009</b>	<b>14,768,703</b>	<b>16,582,423</b>	<b>483,311,893</b>	<b>740,416,263</b>	<b>2,077,978,507</b>

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

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	3,929,400	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	1,614,314	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	19,705,431	157,808	19,863,240	3,125,026	719,941	5,383,593	1,657,395	1,386,060	188,209
2000	23,273,837	244,966	23,518,803	1,876,319	739,748	1,381,859	1,436,449	973,896	165,586
2001	24,052,191	617,689	24,669,880	2,438,339	2,543,535	1,838,032	1,521,485	1,068,195	474,308
2002	20,783,080	473,014	21,256,094	1,405,595	803,650	760,787	586,475	1,158,565	282,426
2003	20,832,780	283,154	21,115,934	3,732,959	677,475	710,041	624,601	469,225	279,922
2004	26,595,905	245,959	26,841,863	1,822,916	1,375,981	1,322,889	1,045,309	1,054,908	413,454
2005	16,373,205	1,498,563	17,871,768	2,840,786	1,503,138	1,541,599	880,561	677,638	353,610
2006	14,723,341	273,033	14,996,374	4,460,222	1,313,604	1,201,851	2,921,902	963,501	758,401
2007	15,893,697	346,307	16,240,003	5,904,583	1,632,546	1,798,630	1,824,330	831,082	655,656
2008	23,017,672	320,131	23,337,804	2,270,632	1,373,279	1,261,902	829,424	500,211	709,675
2009	22,756,256	156,856	22,913,112	2,555,951	1,547,073	1,347,673	1,173,039	781,265	540,951
2010	14,662,660	262,469	14,925,129	3,375,017	1,603,154	2,605,498	1,725,362	785,074	694,882
2011	18,662,153	139,112	18,801,264	2,545,981	1,772,468	2,315,210	2,216,453	624,379	579,320
2012	21,030,692	219,025	21,249,717	5,061,299	1,461,392	1,601,178	2,701,121	1,804,950	652,041
2013	33,824,099	263,213	34,087,312	5,816,369	1,658,471	1,288,578	3,043,025	1,397,487	528,772
2014	38,067,676	221,953	38,289,629	3,928,791	2,613,424	1,356,469	2,957,130	621,225	753,651
2015	27,072,628	146,583	27,219,211	4,660,997	2,079,933	2,851,824	869,453	2,593,134	1,111,181
2016	27,131,213	127,509	27,258,722	4,300,070	2,291,722	1,409,746	1,232,836	878,386	274,270
2017	26,806,937	157,748	26,964,686	4,208,321	2,637,066	1,576,162	1,264,154	714,679	386,208
2018	23,790,978	280,857	24,071,834	5,190,566	2,672,593	2,417,405	1,532,928	929,417	538,618
2019	27,081,944	755,653	27,837,597	5,370,855	1,163,369	1,847,305	538,903	577,035	123,172
2020	30,176,789	558,379	30,735,168	6,216,989	2,645,262	2,550,524	1,496,441	1,057,231	544,530
<b>2021</b>	<b>28,768,267</b>	<b>541,751</b>	<b>29,310,018</b>	<b>6,401,075</b>	<b>2,576,172</b>	<b>2,498,700</b>	<b>1,454,096</b>	<b>1,029,288</b>	<b>525,111</b>
2022	31,909,917	537,634	32,447,551	6,473,234	2,573,127	2,496,630	1,452,169	1,028,153	524,258
2023	30,587,841	551,380	31,139,221	6,427,404	2,624,169	2,540,438	1,482,245	1,048,606	536,613
2024	30,893,719	556,894	31,450,613	6,491,678	2,650,411	2,565,842	1,497,067	1,059,092	541,979
2025	31,202,657	562,463	31,765,120	6,556,594	2,676,915	2,591,501	1,512,038	1,069,683	547,399
2026	31,514,683	568,088	32,082,771	6,622,160	2,703,684	2,617,416	1,527,158	1,080,380	552,873
2027	31,829,830	573,768	32,403,598	6,688,382	2,730,721	2,643,590	1,542,430	1,091,184	558,402
2028	32,148,128	579,506	32,727,634	6,755,266	2,758,028	2,670,026	1,557,854	1,102,096	563,986
2029	32,469,609	585,301	33,054,910	6,822,819	2,785,608	2,696,726	1,573,433	1,113,117	569,626
2030	32,794,306	591,154	33,385,460	6,891,047	2,813,464	2,723,693	1,589,167	1,124,248	575,322
2031	33,122,249	597,066	33,719,315	6,959,957	2,841,599	2,750,930	1,605,059	1,135,490	581,075
2032	33,453,471	603,036	34,056,507	7,029,557	2,870,015	2,778,439	1,621,109	1,146,845	586,886
2033	33,788,006	609,067	34,397,073	7,099,852	2,898,715	2,806,224	1,637,320	1,158,314	592,755
2034	34,125,886	615,157	34,741,043	7,170,851	2,927,702	2,834,286	1,653,693	1,169,897	598,682
2035	34,467,145	621,309	35,088,454	7,242,559	2,956,979	2,862,629	1,670,230	1,181,596	604,669
<b>TOTAL</b>	<b>1,335,622,760</b>	<b>19,498,580</b>	<b>1,355,121,340</b>	<b>204,096,374</b>	<b>89,908,475</b>	<b>102,860,793</b>	<b>71,699,775</b>	<b>46,919,178</b>	<b>23,179,681</b>

**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	9,396,721	2,027,488	1,190,851	25,075,285	189,880	5,975,580	493,503	1,964,144	1,057,166	9,680,274
2000	9,545,979	1,712,016	1,520,535	19,352,386	353,641	4,204,605	844,572	1,004,579	1,130,000	7,537,396
2001	7,695,659	1,891,901	31,234	19,502,687	296,461	2,442,119	1,667,660	810,577	5,658,124	10,874,941
2002	11,272,123	1,694,700	942,548	18,906,870	509,212	3,409,739	1,252,645	424,235	2,242,690	7,838,520
2003	13,350,815	2,095,918	(452,530)	21,488,425	368,521	3,729,470	545,107	375,520	1,281,528	6,300,147
2004	10,504,452	2,128,380	1,088,345	20,756,633	427,791	5,437,257	1,238,443	439,997	3,579,824	11,123,311
2005	7,604,037	2,414,926	2,243,430	20,059,725	452,675	5,606,198	1,518,256	683,607	(1,916,769)	6,343,967
2006	10,111,792	1,924,426	573,584	24,229,283	301,178	5,203,442	638,263	320,547	5,212,633	11,676,063
2007	10,023,030	2,957,603	650,573	26,278,031	227,833	8,078,282	823,731	705,613	3,282,198	13,117,656
2008	14,696,282	2,416,322	1,010,001	25,067,729	307,554	6,671,804	809,314	780,677	4,571,098	13,140,448
2009	12,250,584	3,494,124	1,519,962	25,210,623	509,167	7,248,564	629,994	681,317	2,770,722	11,839,763
2010	12,897,810	3,226,278	2,497,248	30,410,322	605,860	6,524,007	472,877	422,032	3,548,804	11,573,580
2011	13,500,979	4,104,748	3,060,699	30,720,238	432,297	5,573,238	884,689	565,634	4,855,209	12,311,067
2012	13,587,910	2,845,790	4,692,072	34,407,752	244,671	6,414,986	1,708,415	546,612	3,967,600	12,882,285
2013	14,567,546	3,501,375	3,602,526	35,404,151	439,182	7,913,864	857,872	733,760	2,328,890	12,273,568
2014	17,923,884	4,318,586	2,885,517	37,358,678	316,530	9,065,979	1,171,054	330,766	9,690,728	20,575,057
2015	19,339,105	4,542,001	2,744,237	40,791,864	178,396	11,934,915	823,952	497,201	2,377,182	15,811,646
2016	21,237,358	5,164,807	4,343,970	41,133,165	499,735	10,937,050	598,717	644,907	2,732,884	15,413,293
2017	17,493,200	5,243,683	4,850,178	38,373,651	561,211	9,351,515	1,439,013	648,730	(4,400,620)	7,599,849
2018	13,435,393	6,261,856	5,653,012	38,631,788	305,315	12,214,411	1,084,428	925,481	8,691,611	23,221,245
2019	18,498,376	6,623,538	2,828,497	37,571,051	564,607	11,742,540	2,480,130	1,675,103	1,933,270	18,395,649
2020	19,344,906	7,402,401	6,131,922	47,390,206	1,238,039	14,858,100	1,837,171	843,960	14,219,503	32,996,773
<b>2021</b>	<b>20,304,799</b>	<b>7,397,904</b>	<b>4,501,305</b>	<b>46,688,450</b>	<b>825,417</b>	<b>13,963,903</b>	<b>1,868,076</b>	<b>841,917</b>	<b>7,340,809</b>	<b>24,840,122</b>
2022	19,588,964	7,482,883	4,673,415	46,292,833	970,569	14,009,349	1,873,314	834,834	5,633,363	23,321,429
2023	19,943,685	7,502,006	5,153,236	47,258,402	1,021,455	14,419,888	1,878,115	848,639	9,155,204	27,323,301
2024	20,143,122	7,577,026	5,204,769	47,730,986	1,031,670	14,564,087	1,896,896	857,126	9,246,756	27,596,535
2025	20,344,553	7,652,797	5,256,816	48,208,296	1,041,987	14,709,728	1,915,865	865,697	9,339,223	27,872,500
2026	20,547,999	7,729,325	5,309,384	48,690,379	1,052,407	14,856,825	1,935,024	874,354	9,432,615	28,151,225
2027	20,753,479	7,806,618	5,362,478	49,177,284	1,062,931	15,005,393	1,954,374	883,098	9,526,942	28,432,738
2028	20,961,014	7,884,684	5,416,103	49,669,057	1,073,560	15,155,447	1,973,918	891,929	9,622,211	28,717,065
2029	21,170,624	7,963,531	5,470,264	50,165,748	1,084,296	15,307,002	1,993,657	900,848	9,718,433	29,004,236
2030	21,382,330	8,043,166	5,524,967	50,667,404	1,095,138	15,460,072	2,013,594	909,856	9,815,617	29,294,277
2031	21,596,153	8,123,598	5,580,216	51,174,077	1,106,090	15,614,673	2,033,730	918,955	9,913,774	29,587,222
2032	21,812,115	8,204,834	5,636,018	51,685,818	1,117,115	15,770,819	2,054,067	928,144	10,012,911	29,883,092
2033	22,030,236	8,286,882	5,692,379	52,202,677	1,128,322	15,928,528	2,074,608	937,426	10,113,040	30,181,924
2034	22,250,538	8,369,751	5,749,302	52,724,702	1,139,605	16,087,813	2,095,354	946,800	10,214,171	30,483,743
2035	22,473,044	8,453,448	5,806,795	53,251,949	1,151,002	16,248,691	2,116,307	956,268	10,316,313	30,788,581
<b>TOTAL</b>	<b>744,105,941</b>	<b>207,001,844</b>	<b>155,915,576</b>	<b>1,645,687,637</b>	<b>26,736,767</b>	<b>462,288,689</b>	<b>62,901,425</b>	<b>42,961,961</b>	<b>241,175,207</b>	<b>836,064,049</b>



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

Calendar Year	CALIFORNIA AQUEDUCT (continued)										
	SANTA ANA DIVISION - EAST BRANCH EXTENSION										
	Reach 1	Reach 2A	Reach 2B	Reach 2C	Reach 2D	Reach 2E	Reach 3A	Reach 3B	Reach 3C	Reach 3D	Reach 3E
	[59]	[60]	[61]	[62]	[63]	[64]	[65]	[66]	[67]	[68]	[69]
1961	0	0	0	0	0	0	0	0	0	1	0
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	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0
2003	1,022	84,351	375,153	2,329	0	0	627,038	0	360	0	0
2004	10,740	40,841	509,089	2,340	0	0	276,019	0	337	0	0
2005	9,849	15,079	526,273	4,153	0	0	496,547	0	9,036	0	0
2006	10,215	10,235	547,652	9,253	57,553	0	403,157	0	1,274	0	0
2007	27,124	9,821	657,894	5,083	125,317	0	616,360	0	58,543	0	0
2008	77,266	33,507	849,804	1,330	208,975	0	1,320,481	0	93,096	0	0
2009	79,970	15,365	1,001,173	919	230,886	0	1,015,588	0	24,880	0	0
2010	53,052	6,430	807,478	15,658	261,397	0	1,261,486	0	9,349	0	0
2011	21,407	5,387	700,551	4,440	117,224	0	1,102,193	0	10,973	0	0
2012	5,707	15,611	750,192	15,693	171,100	0	1,604,944	0	26,651	0	0
2013	1,121	6,020	626,727	171,472	293,188	0	1,629,759	0	4,281	0	0
2014	8,278	9,524	829,281	104,882	167,033	0	1,838,721	0	3,984	0	0
2015	(140)	7,379	824,321	11,288	89,609	0	1,509,687	0	105,508	0	0
2016	0	12,816	706,387	116,849	34,192	0	1,861,763	0	31,203	0	0
2017	1,233	7,139	1,077,118	160,825	29,140	1,448,093	1,901,271	0	56,307	0	0
2018	7,910	13,649	827,855	41,307	24,137	922,615	3,805,671	327,155	12,206	0	5,309
2019	1,975	11,984	840,257	112,735	73,572	2,404,889	3,767,449	1,313,862	39,169	0	29,973
2020	3,623	5,393	903,992	104,348	115,903	2,410,498	4,183,068	977,449	40,107	20,624	227
<b>2021</b>	<b>3,616</b>	<b>5,366</b>	<b>902,533</b>	<b>104,024</b>	<b>105,765</b>	<b>2,304,119</b>	<b>4,257,897</b>	<b>1,295,267</b>	<b>39,675</b>	<b>20,711</b>	<b>201</b>
2022	3,581	5,315	897,080	103,029	105,400	2,294,707	4,285,318	608,803	39,315	20,503	201
2023	3,642	5,412	910,214	104,838	110,113	2,359,805	4,284,515	970,111	40,096	20,819	212
2024	3,678	5,466	919,316	105,886	111,214	2,383,403	4,327,360	979,812	40,497	21,027	214
2025	3,715	5,520	928,509	106,945	112,327	2,407,237	4,370,634	989,610	40,902	21,238	216
2026	3,752	5,576	937,794	108,015	113,450	2,431,310	4,414,340	999,506	41,311	21,450	219
2027	3,790	5,631	947,172	109,095	114,584	2,455,623	4,458,483	1,009,501	41,724	21,664	221
2028	3,828	5,688	956,644	110,186	115,730	2,480,179	4,503,068	1,019,596	42,141	21,881	223
2029	3,866	5,745	966,211	111,288	116,887	2,504,981	4,548,099	1,029,792	42,563	22,100	225
2030	3,905	5,802	975,873	112,401	118,056	2,530,031	4,593,580	1,040,090	42,988	22,321	227
2031	3,944	5,860	985,631	113,525	119,237	2,555,331	4,639,516	1,050,491	43,418	22,544	230
2032	3,983	5,919	995,488	114,660	120,429	2,580,884	4,685,911	1,060,996	43,852	22,770	232
2033	4,023	5,978	1,005,443	115,806	121,634	2,606,693	4,732,770	1,071,606	44,291	22,997	234
2034	4,063	6,038	1,015,497	116,964	122,850	2,632,760	4,780,098	1,082,322	44,734	23,227	237
2035	4,104	6,098	1,025,652	118,134	124,078	2,659,088	4,827,899	1,093,145	45,181	23,460	239
<b>TOTAL</b>	<b>377,840</b>	<b>395,944</b>	<b>27,730,253</b>	<b>2,539,699</b>	<b>3,730,980</b>	<b>44,372,245</b>	<b>96,930,689</b>	<b>17,919,114</b>	<b>1,159,950</b>	<b>349,337</b>	<b>38,840</b>



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

Calendar Year	CALIFORNIA AQUEDUCT (continued)									
	SANTA ANA DIVISION - EAST BRANCH EXTENSION (cont.)			WEST BRANCH						
	Reach 4A	Reach 4B	Subtotal	Reach 29A	Reach 29F	Reach 29G	Reach 29H	Reach 29J	Reach 30	Subtotal
[70]	[71]	[72]	[73]	[74]	[75]	[76]	[77]	[78]	[79]	
1961	0	0	1	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	719,255	159,249	199,145	234,196	88,198	420,789	1,820,832
1973	0	0	0	779,949	339,363	122,664	264,850	119,743	621,431	2,248,000
1974	0	0	0	883,312	158,366	112,458	350,160	(4,525)	723,949	2,223,720
1975	0	0	0	1,049,990	176,676	194,724	801,457	75,870	841,991	3,140,708
1976	0	0	0	1,220,429	215,588	202,591	624,614	98,268	(650,944)	1,710,546
1977	0	0	0	1,268,813	116,939	218,129	684,679	184	634,581	2,923,325
1978	0	0	0	1,174,708	342,479	267,308	415,641	17,764	3,088,954	5,306,854
1979	0	0	0	1,366,942	285,575	284,188	972,584	29,850	958,068	3,897,207
1980	0	0	0	1,698,215	224,472	455,619	874,259	288,303	222,549	3,763,417
1981	0	0	0	1,783,405	123,264	615,047	2,305,110	8,794	1,093,897	5,929,517
1982	0	0	0	1,919,979	190,500	702,265	2,208,264	414,230	978,624	6,413,862
1983	0	0	0	2,739,814	149,333	888,475	745,939	579,882	3,698,681	8,802,124
1984	0	0	0	3,463,038	81,260	2,358,495	537,207	719,282	755,136	7,914,418
1985	0	0	0	3,866,946	295,836	3,047,591	975,729	614,735	1,753,355	10,554,192
1986	0	0	0	3,791,427	457,604	2,893,171	1,480,015	1,032,216	1,338,657	10,993,090
1987	0	0	0	3,423,494	213,106	2,933,342	944,604	459,398	1,406,519	9,380,463
1988	0	0	0	3,447,403	255,113	3,017,463	883,714	446,468	1,452,589	9,502,750
1989	0	0	0	4,025,641	405,583	2,738,143	1,398,165	865,738	1,505,029	10,938,299
1990	0	0	0	4,088,481	383,655	3,232,445	3,153,869	777,713	847,500	12,483,663
1991	0	0	0	3,862,056	304,143	3,550,063	639,527	763,037	1,191,090	10,309,916
1992	0	0	0	4,286,050	327,802	3,892,480	1,014,551	872,953	2,259,032	12,652,868
1993	0	0	0	3,969,075	343,304	4,515,385	1,670,952	852,208	1,157,876	12,508,800
1994	0	0	0	3,649,861	293,376	3,359,381	1,879,417	872,624	1,674,576	11,729,235
1995	0	0	0	4,137,046	883,315	4,750,275	1,588,080	754,904	(421,879)	11,691,741
1996	0	0	0	4,511,858	966,044	3,593,671	4,208,195	877,111	1,574,098	15,730,977
1997	0	0	0	4,543,506	1,030,809	2,429,066	3,755,901	1,597,361	1,521,491	14,878,134
1998	0	0	0	4,871,761	464,376	3,473,405	2,398,630	1,996,114	1,291,185	14,495,471
1999	0	0	0	4,786,534	4,240,173	4,924,246	1,742,110	1,000,376	1,879,721	13,783,160
2000	0	0	0	5,461,198	782,277	4,278,784	2,354,420	171,269	1,530,358	14,578,307
2001	0	0	0	5,905,961	1,526,938	5,136,328	4,375,496	240,595	(923,056)	16,262,262
2002	0	0	0	5,340,367	1,492,047	4,081,169	4,482,544	(51,825)	3,478,036	18,822,338
2003	93,305	33,614	1,217,171	4,454,323	1,314,151	3,721,548	3,350,502	(628,046)	951,874	13,164,353
2004	13,434	71,444	924,242	8,915,307	1,377,196	3,483,839	5,122,025	(615,862)	1,507,626	19,790,130
2005	27,330	216,418	1,304,685	5,759,119	2,598,983	7,383,506	(605,465)	2,649,206	(1,254,893)	16,530,456
2006	14,842	72,655	1,126,834	6,925,627	2,300,545	5,115,005	3,570,341	(560,871)	(4,319,166)	13,031,481
2007	39,200	138,358	1,677,699	5,707,758	2,723,832	10,420,367	7,837,161	356,041	12,070,099	39,115,257
2008	76,668	231,149	2,892,276	8,316,439	835,732	16,217,392	7,458,664	(114,790)	430,211	33,143,648
2009	140,919	231,789	2,741,489	7,875,311	891,732	8,682,658	5,662,290	246,215	2,846,216	26,204,422
2010	162,803	356,240	2,933,893	10,050,360	789,729	8,844,421	6,210,114	429,116	5,289,586	31,613,326
2011	75,147	545,213	2,582,534	6,949,489	935,484	9,611,840	8,034,092	43,741	(255,761)	25,318,885
2012	18,388	198,585	2,806,871	7,478,933	2,891,752	9,428,975	6,173,583	107,660	6,515,019	32,595,923
2013	6,155	187,557	2,926,281	8,800,709	3,752,692	12,290,528	7,182,111	401,260	3,653,587	36,080,887
2014	2,439	322,684	3,286,825	10,789,735	3,099,681	7,291,587	7,268,601	396,860	5,415,774	34,262,238
2015	19,708	388,026	2,955,386	9,349,000	3,749,493	7,579,683	8,889,741	296,775	288,614	30,153,305
2016	5,660	496,640	3,265,510	11,711,989	3,739,450	8,295,133	8,773,220	1,268,443	(5,606,066)	28,182,169
2017	59,786	305,822	5,046,734	10,015,846	2,117,575	8,728,872	9,144,055	(207,352)	16,190,637	45,989,633
2018	7,901	238,937	6,234,652	9,232,307	5,532,693	8,894,110	5,947,522	(5,228)	6,813,080	36,414,484
2019	12,004	450,859	9,058,727	11,453,749	7,055,057	8,685,622	7,568,570	738,496	6,197,381	41,698,875
2020	22,098	471,689	9,259,019	12,749,399	4,113,960	9,397,051	10,890,827	810,884	11,613,782	49,575,903
<b>2021</b>	<b>21,946</b>	<b>458,227</b>	<b>9,519,347</b>	<b>13,321,766</b>	<b>3,993,221</b>	<b>9,418,935</b>	<b>11,816,577</b>	<b>860,446</b>	<b>(21,270,310)</b>	<b>18,140,635</b>
2022	21,741	455,317	8,840,310	13,239,749	4,447,525	9,589,276	11,213,735	2,018,400	36,033,056	76,541,741
2023	22,147	466,361	9,298,285	13,234,674	4,226,751	9,563,105	11,420,116	1,242,209	8,880,098	48,566,953
2024	22,369	471,025	9,391,267	13,367,021	4,269,019	9,658,736	11,534,318	1,254,631	8,968,899	49,052,624
2025	22,592	475,735	9,485,180	13,500,691	4,311,709	9,755,324	11,649,661	1,267,178	9,058,588	49,543,151
2026	22,818	480,493	9,580,034	13,635,698	4,354,826	9,852,877	11,766,157	1,279,849	9,149,174	50,038,581
2027	23,047	485,298	9,675,833	13,772,055	4,398,374	9,951,406	11,883,819	1,292,648	9,240,665	50,538,967
2028	23,277	490,151	9,772,592	13,909,776	4,442,358	10,050,920	12,002,657	1,305,574	9,333,072	51,044,357
2029	23,510	495,052	9,870,319	14,048,874	4,486,781	10,151,429	12,122,684	1,318,630	9,426,403	51,554,801
2030	23,745	500,003	9,969,022	14,189,362	4,531,649	10,252,943	12,243,911	1,331,816	9,520,667	52,070,348
2031	23,982	505,003	10,068,712	14,331,256	4,576,966	10,355,473	12,366,350	1,345,134	9,615,873	52,591,052
2032	24,222	510,053	10,169,399	14,474,568	4,622,735	10,459,027	12,490,013	1,358,586	9,712,032	53,116,961
2033	24,464	515,153	10,271,092	14,619,314	4,668,963	10,563,618	12,614,913	1,372,172	9,809,152	53,648,132
2034	24,709	520,305	10,373,804	14,765,507	4,715,652	10,669,254	12,741,062	1,385,893	9,907,244	54,184,612
2035	24,956	525,508	10,477,542	14,913,162	4,762,809	10,775,946	12,868,473	1,399,752	10,006,316	54,726,458
<b>TOTAL</b>	<b>1,147,313</b>	<b>12,311,361</b>	<b>209,003,566</b>	<b>463,895,389</b>	<b>133,857,637</b>	<b>377,607,923</b>	<b>349,177,277</b>	<b>42,224,304</b>	<b>243,642,414</b>	<b>1,610,404,945</b>

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

Calendar Year	CALIFORNIA AQUEDUCT (continued)							Total	GRAND TOTAL
	COASTAL BRANCH								
	Reach 31A*	Reach 33A	Reach 33B	Reach 34	Reach 35	Subtotal			
[80]	[81]	[82]	[83]	[84]	[85]	[86]	[87]		
1961	0	0	0	0	0	0	1	1	
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	4,191,384	1,957,943	16,646	184,325	87,373	6,437,670	125,178,646	134,353,033	
2000	2,888,269	2,533,879	20,786	253,538	109,328	5,805,801	122,271,796	130,930,806	
2001	3,114,729	2,233,473	14,426	151,374	57,878	5,571,880	135,885,738	143,233,923	
2002	3,184,840	2,686,500	49,511	189,458	81,857	6,192,165	125,213,225	136,848,192	
2003	3,333,349	2,780,276	44,211	200,986	85,015	6,443,837	126,099,281	135,006,812	
2004	3,537,690	2,673,184	69,895	240,426	109,830	6,631,026	144,513,783	154,599,576	
2005	3,837,275	2,980,035	120,379	292,354	137,878	7,367,920	122,325,281	130,399,416	
2006	2,521,830	3,183,690	56,543	151,861	71,250	5,985,174	127,393,965	135,370,734	
2007	3,221,093	2,947,795	24,929	10,052	6,341	6,210,209	158,631,423	168,286,733	
2008	5,646,012	4,241,709	10,299	4,748	3,344	9,906,111	179,261,643	189,805,229	
2009	5,222,380	3,732,888	20,503	8,205	6,678	8,990,654	160,043,032	170,481,779	
2010	6,455,964	6,377,896	77,603	17,406	17,096	12,945,964	161,543,718	173,400,523	
2011	6,179,264	5,762,931	39,858	12,751	9,608	12,004,412	173,285,496	186,235,499	
2012	5,324,082	6,432,192	24,824	10,251	5,573	11,796,922	192,217,049	208,307,578	
2013	5,966,520	7,967,465	54,228	24,056	16,670	14,028,938	217,889,433	232,932,605	
2014	7,915,286	4,193,303	20,054	7,400	11,139	12,147,183	237,880,556	255,662,366	
2015	10,286,713	6,627,254	429	999	2,664	16,918,058	225,277,555	245,059,970	
2016	4,893,354	10,743,858	0	0	1,242	15,638,454	224,528,251	250,303,816	
2017	5,266,069	14,489,285	0	0	393	19,755,746	225,307,086	246,552,190	
2018	7,921,359	12,537,072	0	0	0	20,458,431	242,694,559	267,505,482	
2019	6,654,869	10,810,667	0	0	1,421	17,466,957	260,533,176	281,622,867	
2020	8,238,919	10,496,788	0	0	0	18,735,707	302,076,464	326,941,497	
<b>2021</b>	<b>8,090,573</b>	<b>10,290,263</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>18,380,836</b>	<b>259,633,117</b>	<b>284,343,437</b>	
2022	8,043,791	10,203,220	0	0	0	18,247,011	316,488,706	340,163,265	
2023	8,205,672	10,433,391	0	0	0	18,639,063	295,660,089	320,320,891	
2024	8,287,729	10,537,725	0	0	0	18,825,454	298,616,692	323,524,100	
2025	8,370,606	10,643,102	0	0	0	19,013,708	301,602,858	326,759,340	
2026	8,454,312	10,749,533	0	0	0	19,203,845	304,618,885	330,026,935	
2027	8,538,855	10,857,028	0	0	0	19,395,883	307,665,074	333,327,203	
2028	8,624,244	10,965,599	0	0	0	19,589,843	310,741,730	336,660,480	
2029	8,710,486	11,075,255	0	0	0	19,785,741	313,849,147	340,027,084	
2030	8,797,591	11,186,007	0	0	0	19,983,598	316,987,635	343,427,351	
2031	8,885,567	11,297,867	0	0	0	20,183,434	320,157,512	346,861,626	
2032	8,974,423	11,410,846	0	0	0	20,385,269	323,359,085	350,330,240	
2033	9,064,167	11,524,954	0	0	0	20,589,121	326,592,678	353,833,545	
2034	9,154,809	11,640,204	0	0	0	20,795,013	329,858,601	357,371,877	
2035	9,246,357	11,756,606	0	0	0	21,002,963	333,157,189	360,945,597	
<b>TOTAL</b>	<b>297,150,197</b>	<b>294,887,836</b>	<b>666,508</b>	<b>1,920,883</b>	<b>911,346</b>	<b>595,536,770</b>	<b>10,292,401,789</b>	<b>11,092,474,539</b>	

\* 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<sup>1</sup> (in dollars)**

Calendar Year	NORTH BAY AQUEDUCT				SOUTH BAY AQUEDUCT	CALIFORNIA AQUEDUCT		
	Reach 1	Reach 3A	Reach 3B	Total	Reach 1	Reach 1	Reach 4	Reach 14A
	Barker Slough Pumping Plant	Cordelia Pumping Plant (Solano)	Cordelia Pumping Plant (Napa) <sup>2</sup>		South Bay and Del Valle Pumping Plants <sup>3</sup>	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	32,592	26,104	11,921	70,617	422,816	6,881,085	2,368,056	1,639,887
2000	58,200	42,262	14,978	115,441	903,391	7,901,803	3,012,840	2,925,486
2001	356,682	247,499	211,786	815,967	4,022,683	23,537,500	9,608,845	14,398,956
2002	190,460	104,564	61,470	356,494	2,324,926	17,025,395	6,894,223	8,423,374
2003	181,041	118,387	97,762	397,190	2,568,901	21,144,026	8,873,171	10,393,208
2004	251,516	139,241	107,251	498,008	2,555,185	21,511,700	9,305,291	12,251,722
2005	285,779	148,222	149,332	583,333	2,840,740	28,362,247	12,483,038	11,530,722
2006	236,634	117,460	148,249	502,343	2,783,970	23,509,751	10,557,553	11,330,985
2007	452,997	228,703	257,537	939,237	4,247,626	25,256,328	10,920,619	16,173,550
2008	424,401	196,012	302,391	922,805	3,338,056	17,301,735	6,127,334	11,219,859
2009	218,928	103,297	163,097	485,322	2,488,310	9,222,565	4,052,662	6,864,595
2010	260,437	112,275	215,341	588,052	2,374,767	21,167,225	9,473,369	10,604,628
2011	270,039	115,853	228,034	613,926	3,404,860	35,543,413	15,146,928	14,404,786
2012	264,258	119,755	184,383	568,396	3,422,038	26,615,662	11,633,788	13,273,025
2013	432,594	206,271	320,687	959,551	5,409,835	22,329,707	8,520,898	12,207,847
2014	362,691	185,664	447,565	995,919	4,124,446	11,313,773	3,542,879	7,034,863
2015	392,317	241,043	361,719	995,079	5,802,117	17,029,328	5,392,269	9,982,468
2016	278,327	159,315	257,353	694,995	4,406,630	29,733,500	11,797,519	15,871,418
2017	297,764	185,614	186,468	669,846	3,611,263	45,161,314	21,619,171	22,622,629
2018	497,650	310,891	314,948	1,123,489	5,415,132	26,908,365	10,687,238	13,800,939
2019	461,851	265,981	316,379	1,044,211	2,810,374	40,819,610	17,084,657	18,077,901
2020	611,971	179,016	483,745	1,274,732	6,266,802	15,893,678	6,262,890	11,364,684
<b>2021</b>	<b>645,752</b>	<b>0</b>	<b>616,794</b>	<b>1,262,546</b>	<b>6,145,180</b>	<b>42,579,040</b>	<b>17,751,994</b>	<b>22,742,615</b>
2022	661,221	0	631,569	1,292,790	6,082,778	44,390,586	17,417,265	22,231,388
2023	608,675	0	398,867	1,007,542	5,804,532	43,279,658	18,578,187	23,600,976
2024	613,448	0	401,995	1,015,443	5,864,169	37,086,203	18,326,986	23,071,703
2025	619,346	0	405,860	1,025,206	5,920,563	42,161,817	18,689,732	23,630,963
2026	619,103	0	405,701	1,024,804	5,918,233	35,910,119	18,394,722	23,102,510
2027	619,852	0	406,191	1,026,043	5,925,391	29,929,078	18,747,600	23,727,760
2028	618,430	0	405,260	1,023,690	5,911,797	47,494,180	18,467,067	23,243,297
2029	619,243	0	405,792	1,025,035	5,919,577	39,904,482	18,659,183	23,577,208
2030	619,235	0	405,787	1,025,022	5,919,502	36,607,720	18,425,686	23,155,931
2031	619,186	0	405,755	1,024,941	5,928,634	45,858,853	19,386,687	24,921,252
2032	619,255	0	405,800	1,025,055	5,919,687	33,515,264	17,947,580	22,306,894
2033	619,693	0	406,087	1,025,780	5,923,874	38,495,858	19,378,010	24,895,550
2034	618,344	0	405,204	1,023,548	5,910,981	45,364,253	18,036,703	22,477,443
2035	620,094	0	406,349	1,026,443	5,927,701	40,033,168	20,752,320	27,551,490
<b>TOTAL</b>	<b>16,451,768</b>	<b>3,829,145</b>	<b>11,835,848</b>	<b>32,116,761</b>	<b>182,403,398</b>	<b>1,195,107,088</b>	<b>525,365,914</b>	<b>647,950,490</b>

<sup>1</sup>Excludes extra peaking costs assigned directly to contractors. Refer to Appendix B text discussion of Table B-17 under "Project Water Charges."

<sup>2</sup>Costs for the period 1968 through 1987 are for an interim facility.

<sup>3</sup>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<sup>1</sup> (in dollars)**

Calendar Year	CALIFORNIA AQUEDUCT (continued)						
	Reach 15A	Reach 16A	Reach 17E	Reach 18A	Reach 22B	Reach 23	Reach 24
	Wheeler Ridge Pumping Plant	Chrisman Pumping Plant	Edmonston Pumping Plant	Alamo Powerplant	Pearblossom Pumping Plant	Mojave Siphon Powerplant	Silverwood Lake <sup>4</sup>
	[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	1,349,435	3,454,259	13,349,865	(2,851,993)	1,933,516	(2,533,429)	76,199
2000	2,995,367	6,892,863	24,868,765	(5,070,499)	3,889,138	(4,371,978)	0
2001	14,749,926	33,210,381	122,677,209	(3,276,174)	18,689,339	(3,621,886)	919,165
2002	8,731,692	19,721,183	72,471,745	(4,919,131)	10,667,928	(5,247,076)	95,265
2003	10,814,071	24,634,664	90,645,519	(3,362,477)	14,524,245	(6,610,346)	231,996
2004	12,863,080	29,368,759	107,972,655	(6,248,061)	16,993,152	(7,691,613)	0
2005	11,794,232	26,730,922	94,583,646	(5,791,742)	17,589,303	(6,359,950)	0
2006	11,506,108	26,216,830	82,299,778	(4,022,339)	16,076,966	(6,347,742)	0
2007	16,703,221	37,761,237	125,962,003	(2,976,651)	19,544,519	(16,327,118)	0
2008	12,277,758	24,909,320	77,923,925	(3,305,736)	10,681,335	(3,203,162)	321,126
2009	7,295,396	15,760,560	71,020,136	(3,096,612)	9,127,440	(2,225,065)	2,054
2010	10,771,635	24,316,069	88,890,130	(4,913,035)	16,723,144	(5,543,596)	0
2011	14,442,662	32,396,776	113,544,712	(6,340,454)	23,118,118	(7,675,700)	495,237
2012	13,351,126	30,196,561	105,700,702	(2,424,628)	16,734,913	(8,836,129)	0
2013	12,411,732	28,098,822	98,795,130	(1,989,602)	11,979,764	(4,750,469)	0
2014	7,247,553	16,399,032	57,358,698	(1,305,981)	5,126,154	(1,023,443)	137,628
2015	10,972,498	24,673,518	89,213,932	(2,190,877)	8,981,891	(2,009,231)	861,715
2016	16,636,283	37,276,860	137,659,912	(7,658,808)	23,738,634	(8,562,408)	0
2017	23,435,889	51,461,199	191,019,390	(14,211,439)	39,475,873	(21,146,267)	630,338
2018	13,922,606	30,942,910	113,505,644	(5,257,816)	19,500,754	(6,327,632)	0
2019	18,747,512	41,578,569	153,616,891	(6,869,814)	32,066,390	(12,482,459)	1,841,152
2020	11,971,729	25,561,035	91,846,883	(4,348,455)	12,470,739	(4,866,476)	0
<b>2021</b>	<b>23,032,573</b>	<b>52,040,208</b>	<b>190,091,960</b>	<b>(12,399,081)</b>	<b>32,051,329</b>	<b>(17,032,140)</b>	<b>0</b>
2022	22,579,383	51,089,350	186,649,421	(12,384,672)	31,562,856	(16,986,622)	0
2023	24,366,156	55,535,174	202,955,742	(11,540,895)	29,603,192	(14,569,719)	0
2024	23,781,890	54,172,773	197,856,646	(11,041,841)	28,363,627	(13,818,114)	0
2025	24,376,542	55,542,118	202,915,710	(11,445,545)	29,848,860	(14,431,183)	0
2026	23,804,071	54,215,524	197,982,432	(11,140,287)	28,919,434	(13,966,770)	0
2027	24,480,589	55,782,599	203,807,618	(11,377,681)	29,668,271	(14,327,479)	0
2028	23,957,928	54,573,089	199,316,072	(11,249,888)	29,216,230	(14,132,907)	0
2029	24,318,412	55,407,487	202,415,335	(11,310,829)	29,437,859	(14,225,578)	0
2030	23,861,669	54,348,784	198,477,165	(11,194,886)	29,089,246	(14,049,449)	0
2031	25,781,493	58,803,709	215,068,075	(11,698,694)	30,608,090	(14,820,351)	0
2032	22,943,670	52,222,989	190,577,878	(10,779,922)	27,852,794	(13,425,241)	0
2033	25,752,270	58,734,901	214,807,971	(11,792,252)	30,918,280	(14,965,113)	0
2034	23,129,478	52,654,330	192,184,769	(10,957,516)	28,338,885	(13,691,213)	0
2035	28,667,262	65,521,464	240,172,105	(11,946,396)	31,409,854	(15,204,733)	0
<b>TOTAL</b>	<b>666,830,337</b>	<b>1,499,433,933</b>	<b>5,425,253,738</b>	<b>(288,821,799)</b>	<b>837,974,139</b>	<b>(360,767,298)</b>	<b>8,050,559</b>

<sup>1</sup> Excludes extra peaking costs assigned directly to contractors. Refer to Appendix B text discussion of Table B-17 under "Project Water Charges."

<sup>4</sup> 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<sup>1</sup> (in dollars)**

Calendar Year	CALIFORNIA AQUEDUCT (continued)							
	Reach 26A	Reach EBX2B	Reach EBX2E	Reach EBX3A	Reach EBX4B	Reach 28J	Reach 29A	Reach 29G
	Devil Canyon Powerplant	Greenspot Pump Station	Citrus Pump Station	Crafton Hills Pump Station	Cherry Valley Pump Station	Lake Perris <sup>4</sup>	Oso Pumping Plant	Warne Powerplant
	[16]	[17]	[18]	[19]	[20]	[21]	[22]	[23]
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	(3,024)	0	0	0	0	0	79,315	0
1973	(461,268)	0	0	0	0	0	122,787	0
1974	(546,156)	0	0	0	0	0	157,511	0
1975	(1,095,523)	0	0	0	0	0	314,636	0
1976	(1,566,056)	0	0	0	0	0	326,967	0
1977	(1,222,866)	0	0	0	0	0	75,335	0
1978	(3,085,094)	0	0	0	0	0	89,383	0
1979	(3,466,481)	0	0	0	0	0	102,584	0
1980	(3,318,152)	0	0	0	0	0	236,768	0
1981	(3,842,971)	0	0	0	0	0	444,280	0
1982	(2,736,072)	0	0	0	0	0	539,245	(783,626)
1983	(5,478,830)	0	0	0	0	0	214,069	(1,488,439)
1984	(7,350,989)	0	0	0	0	0	484,239	(4,088,209)
1985	(10,748,103)	0	0	0	0	0	874,069	(5,930,176)
1986	(11,484,996)	0	0	0	0	0	1,269,590	(5,579,301)
1987	(10,814,483)	0	0	0	0	53,242	1,323,472	(6,292,822)
1988	(14,495,967)	0	0	0	0	0	1,421,372	(6,994,588)
1989	(18,688,631)	0	0	0	0	0	2,046,005	(8,368,716)
1990	(20,911,839)	0	0	0	0	147,163	2,857,442	(11,011,193)
1991	(4,884,013)	0	0	0	0	0	535,456	(3,604,791)
1992	(9,513,281)	0	0	0	0	(61,233)	686,984	(5,272,726)
1993	(7,502,549)	0	0	0	0	0	51,327	(3,380,473)
1994	(11,815,745)	0	0	0	0	80,824	1,210,469	(5,835,219)
1995	(9,742,248)	0	0	0	0	0	151,109	(1,179,155)
1996	(12,358,465)	0	0	0	0	0	895,929	(4,248,531)
1997	(13,293,791)	0	0	0	0	111,776	897,657	(4,797,589)
1998	(10,108,555)	0	0	0	0	0	(27,767)	(746,113)
1999	(14,952,833)	0	0	0	0	(41,318)	680,911	(5,341,364)
2000	(25,522,757)	0	0	0	0	(110,900)	1,206,908	(9,464,490)
2001	(19,510,278)	0	0	0	0	0	6,074,627	(7,614,510)
2002	(24,676,763)	0	0	0	0	0	3,806,295	(10,286,903)
2003	(27,490,216)	0	0	0	0	1,149,466	4,337,249	(9,899,070)
2004	(31,246,167)	78,555	0	68,914	7,290	0	5,407,923	(11,835,098)
2005	(28,682,474)	69,675	0	49,010	2,548	5,167,763	3,429,557	(6,683,632)
2006	(34,389,659)	123,850	0	144,846	16,318	0	2,562,118	(6,870,988)
2007	(28,529,045)	249,356	0	257,067	11,196	592,235	6,212,528	(9,522,236)
2008	(16,403,544)	243,120	0	327,206	7,446	0	4,426,897	(7,184,125)
2009	(13,474,182)	360,468	0	391,371	7,530	418,843	4,330,950	(6,578,744)
2010	(24,427,811)	313,518	0	431,030	19,506	0	3,283,585	(5,697,650)
2011	(31,980,782)	371,784	0	499,615	33,108	0	3,277,052	(5,505,320)
2012	(23,571,258)	436,935	0	533,579	53,579	220,430	5,006,252	(8,230,796)
2013	(14,097,814)	460,795	0	557,947	36,868	0	6,259,263	(8,740,718)
2014	(3,836,008)	317,659	0	440,998	16,594	0	4,422,948	(4,122,547)
2015	(6,410,003)	345,261	0	461,141	15,152	771,806	6,860,947	(6,280,593)
2016	(21,855,057)	705,640	0	781,683	49,119	0	6,134,233	(6,658,921)
2017	(37,596,036)	371,493	1,052,912	1,237,740	86,294	7,986,403	5,186,512	(5,788,402)
2018	(17,953,848)	7,853	1,211,629	956,707	43,801	0	4,786,054	(5,500,049)
2019	(31,031,132)	154,278	1,540,352	1,055,578	52,603	3,105,030	4,161,338	(4,970,310)
2020	(8,770,455)	2,832	288,517	365,388	57,173	0	5,273,970	(4,397,451)
<b>2021</b>	<b>(26,714,064)</b>	<b>0</b>	<b>637,516</b>	<b>561,082</b>	<b>95,584</b>	<b>0</b>	<b>7,843,236</b>	<b>(8,272,015)</b>
2022	(26,641,684)	0	577,117	507,977	86,201	0	8,083,301	(7,815,819)
2023	(22,587,986)	0	598,306	525,967	93,438	0	9,523,026	(8,971,813)
2024	(22,312,578)	0	602,997	530,090	94,171	0	9,436,428	(8,831,990)
2025	(22,195,555)	0	608,796	535,188	95,076	0	9,383,601	(8,697,611)
2026	(22,447,984)	0	608,556	534,978	95,039	0	9,193,972	(8,524,597)
2027	(22,310,392)	0	609,292	535,625	95,154	0	9,560,811	(8,855,213)
2028	(22,494,447)	0	607,894	534,396	94,936	0	9,228,455	(8,566,825)
2029	(22,245,739)	0	608,694	535,099	95,061	0	9,495,780	(8,803,434)
2030	(22,323,812)	0	608,687	535,092	95,059	0	9,181,140	(8,510,825)
2031	(22,392,268)	0	608,637	535,048	95,052	0	10,528,426	(9,765,545)
2032	(21,782,941)	0	608,706	535,109	95,062	0	8,778,244	(8,136,603)
2033	(23,058,962)	0	609,136	535,487	95,130	0	10,347,643	(9,589,302)
2034	(21,702,650)	0	607,810	534,322	94,923	0	8,768,701	(8,138,982)
2035	(23,318,084)	0	609,530	535,833	95,191	0	13,835,097	(12,829,827)
<b>TOTAL</b>	<b>(1,031,473,416)</b>	<b>4,613,072</b>	<b>13,205,085</b>	<b>16,571,113</b>	<b>1,925,794</b>	<b>19,591,529</b>	<b>257,696,211</b>	<b>(371,085,985)</b>

<sup>1</sup>Excludes extra peaking costs assigned directly to contractors. Refer to Appendix B text discussion of Table B-17 under "Project Water Charges."

<sup>4</sup>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<sup>1</sup> (in dollars)**

Calendar Year	CALIFORNIA AQUEDUCT (continued)						Grand Total
	Reach 29H	Reach 29J	Reach 30	Reach 31A	Reach 33A	Total	
	Pyramid Lake <sup>4</sup>	Castaic Powerplant	Castaic Lake <sup>4</sup>	Las Perillas and Badger Hill Pumping Plants	Devil's Den, Bluestone, and Polonio Pass Pumping Plants		
	[24]	[25]	[26]	[27]	[28]	[29]	[30]
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	(1,127)	12,582,105	13,499,083
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	164,612	3,259,962	(3,259,962)	(2,766,520)
2000	0	(17,958,033)	0	229,350	378,042	(8,198,096)	(7,179,264)
2001	988,149	(13,495,346)	2,379,745	1,070,732	2,140,040	202,926,420	207,765,070
2002	0	(18,455,025)	0	544,053	1,351,160	86,147,416	88,828,837
2003	833,202	(16,903,355)	963,704	636,922	1,525,171	126,441,150	129,407,241
2004	222,007	(21,110,644)	685,188	672,547	1,778,968	141,056,166	144,109,359
2005	4,767,261	(12,763,664)	4,563,293	847,724	1,717,623	163,407,102	166,831,175
2006	533,044	(11,822,176)	6,138,516	854,837	1,433,647	129,852,245	133,138,558
2007	0	(19,017,327)	0	1,309,771	2,319,253	197,355,503	202,542,366
2008	0	(14,961,833)	1,324,089	1,129,260	1,735,720	124,897,730	129,158,591
2009	408,245	(15,570,055)	0	695,407	1,211,312	90,224,877	93,198,509
2010	0	(10,738,810)	0	902,173	1,484,370	137,059,478	140,022,298
2011	0	(11,102,175)	1,987,450	1,110,306	2,125,280	195,892,795	199,911,580
2012	179,901	(15,133,885)	0	975,135	1,967,281	168,676,766	172,667,200
2013	76,352	(15,520,329)	456,770	1,352,516	2,039,956	160,485,437	166,854,823
2014	0	(7,773,330)	2,182,152	1,566,740	2,115,200	101,161,562	106,281,927
2015	199,049	(11,048,588)	5,015,064	1,598,084	1,941,396	156,376,226	163,173,423
2016	429,032	(11,849,796)	10,855,663	1,533,194	3,048,942	239,666,644	244,768,269
2017	0	(10,665,326)	0	1,606,491	2,560,487	326,106,666	330,387,775
2018	1,848,499	(9,835,493)	118,764	1,927,699	3,572,526	198,867,151	205,405,772
2019	0	(8,670,822)	1,319,438	1,748,715	2,331,489	275,276,965	279,131,550
2020	0	(7,349,892)	0	1,702,451	1,699,131	155,028,371	162,569,905
<b>2021</b>	<b>0</b>	<b>(12,957,061)</b>	<b>0</b>	<b>1,680,925</b>	<b>4,514,635</b>	<b>318,248,336</b>	<b>325,656,062</b>
2022	0	(13,422,132)	0	1,656,269	4,449,434	314,029,619	321,405,187
2023	0	(13,850,331)	0	661,877	5,775,750	343,576,705	350,388,779
2024	0	(14,082,474)	0	668,412	5,826,168	329,731,097	336,610,709
2025	0	(13,865,452)	0	674,642	5,882,195	343,709,894	350,655,663
2026	0	(13,584,505)	0	674,415	5,879,881	329,651,510	336,594,547
2027	0	(14,121,558)	0	675,200	5,886,993	332,514,267	339,465,701
2028	0	(13,651,762)	0	672,991	5,873,488	343,184,194	350,119,684
2029	0	(14,037,396)	0	674,514	5,881,217	340,387,355	347,331,967
2030	0	(13,562,150)	0	674,602	5,881,143	331,300,802	338,245,326
2031	0	(15,604,319)	0	674,466	5,880,660	364,469,271	371,422,846
2032	0	(12,954,010)	0	674,596	5,881,326	316,861,395	323,806,137
2033	0	(15,316,791)	0	675,037	5,885,486	356,408,339	363,357,993
2034	0	(12,959,091)	0	672,782	5,872,676	331,287,623	338,222,152
2035	0	(20,639,196)	0	675,439	5,889,288	391,809,805	398,763,949
<b>TOTAL</b>	<b>10,068,906</b>	<b>(687,600,666)</b>	<b>31,956,266</b>	<b>41,143,857</b>	<b>126,088,083</b>	<b>8,589,076,951</b>	<b>8,803,597,110</b>

<sup>1</sup> Excludes extra peaking costs assigned directly to contractors. Refer to Appendix B text discussion of Table B-17 under "Project Water Charges."

<sup>4</sup> 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 <sup>1,6</sup>	Total
	Capital Costs <sup>1</sup>	Capital Cost Credits <sup>2</sup>	Operating Costs <sup>3</sup>	Application of Oroville Power Revenues to:			
				Capital Costs <sup>4</sup>	Operating Costs <sup>5</sup>		
[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	11,025,797	0	50,885,567	(14,650,000)	(5,503,289)	2,448,692	44,206,767
1997	15,306,056	0	51,788,497	(14,650,000)	(5,740,515)	1,699,730	48,403,768
1998	3,891,340	0	54,726,293	(14,650,000)	(8,155,000)	1,193,198	37,005,831
1999	7,792,961	0	55,142,858	(14,650,000)	(9,198,000)	9,686	39,097,505
2000	10,874,282	0	56,234,261	(14,688,338)	(10,297,482)	13,491	42,136,214
2001	10,975,237	0	75,778,041	(16,223,803)	(14,328,482)	23,866	56,224,858
2002	20,416,870	0	68,206,261	(19,498,891)	(20,826,560)	24,426	48,322,105
2003	23,685,736	0	77,724,424	(20,605,664)	(29,982,088)	9,833	50,832,241
2004	21,679,785	0	91,197,978	(17,530,688)	(35,845,422)	7,548	59,509,201
2005	6,638,156	0	104,238,543	(15,354,462)	(22,004,805)	0	73,517,432
2006	11,475,186	0	102,775,835	(15,210,585)	(21,412,577)	0	77,627,859
2007	8,489,374	0	87,304,555	(14,734,855)	(17,033,961)	0	64,025,112
2008	7,392,922	0	104,467,627	(14,968,129)	(19,570,602)	0	77,321,818
2009	7,634,122	0	114,559,203	(15,959,419)	(20,921,647)	0	85,312,258
2010	8,273,316	0	123,213,819	(15,958,194)	(20,222,025)	0	95,306,915
2011	13,262,736	0	127,269,776	(15,958,715)	(18,804,228)	0	105,769,569
2012	28,062,105	0	126,660,140	(16,032,565)	(22,105,563)	0	116,584,117
2013	101,198,442	0	136,066,014	(16,034,532)	(20,672,157)	0	200,557,767
2014	83,065,259	0	148,114,523	(15,841,275)	(17,712,411)	0	197,626,097
2015	41,531,090	0	150,984,269	(20,657,953)	(17,587,782)	0	154,269,624
2016	85,001,931	0	190,683,405	(20,646,145)	(16,898,173)	0	238,141,019
2017	213,252,373	0	160,711,534	(21,072,456)	(19,503,596)	0	333,387,855
2018	263,399,587	0	201,234,849	(23,135,691)	(21,101,689)	0	420,397,056
2019	147,378,926	0	198,873,136	(29,562,263)	(21,040,527)	0	295,649,272
2020	177,420,970	0	231,238,181	(34,047,986)	(29,140,785)	0	345,470,380
2021	109,444,996	0	233,343,536	(33,928,100)	(31,128,991)	0	277,731,441
2022	134,290,847	0	235,152,974	(37,597,390)	(30,986,939)	0	300,859,493
2023	112,707,132	0	222,754,836	(39,400,632)	(31,500,553)	0	264,560,783
2024	437,462	0	217,758,514	(41,972,469)	(31,807,784)	0	144,415,723
2025	437,462	0	222,127,658	(46,248,462)	(32,118,087)	0	144,198,571
2026	437,462	0	227,226,205	(46,074,765)	(32,431,493)	0	149,157,409
2027	437,462	0	222,236,362	(46,063,616)	(32,748,033)	0	143,862,175
2028	437,462	0	239,467,844	(46,078,685)	(33,067,739)	0	160,758,882
2029	437,462	0	230,119,943	(45,952,813)	(33,390,642)	0	151,213,950
2030	437,462	0	235,896,770	(52,580,575)	(33,716,774)	0	150,036,883
2031	437,462	0	236,814,456	(52,578,600)	(34,046,167)	0	150,627,151
2032	437,462	0	241,580,721	(52,751,341)	(34,378,854)	0	154,887,988
2033	437,462	0	235,345,908	(52,728,162)	(34,714,868)	0	148,340,340
2034	437,462	0	254,709,088	(52,716,177)	(35,054,242)	0	167,376,131
2035	437,462	0	238,303,740	(52,696,123)	(35,397,010)	0	150,648,069
<b>TOTAL</b>	<b>2,633,628,586</b>	<b>(11,528,320)</b>	<b>6,946,998,314</b>	<b>(1,567,903,518)</b>	<b>(1,091,955,481)</b>	<b>57,085,905</b>	<b>6,966,325,485</b>

<sup>1</sup> Reimbursed through the capital cost component of the Delta Water Charge.

<sup>2</sup> Negotiated settlements as to the magnitude of SWP planning costs from 1952 through 1978.

<sup>3</sup> Reimbursed through the minimum OMP&R component of the Delta Water Charge. Credits for Gianelli Pumping-Generating Plant power generation are reflected in these net costs.

<sup>4</sup> Revenues credited through the capital cost component of the Delta Water Charge.

<sup>5</sup> Revenues credited through the minimum OMP&R component of the Delta Water Charge.

<sup>6</sup> 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 <sup>1</sup>	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	36,683	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	114,880	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	1,196,389	18,516	1,214,905	2,984,936	2,797,462	6,670,882	12,453,281	8,700	49,599	58,300
2010	396,691	3,243	399,934	3,858,678	3,511,644	8,785,770	16,156,093	75,709	136,242	211,951
2011	192,850	40,149	232,999	4,038,267	3,836,600	9,247,564	17,122,431	109,860	232,486	342,346
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	258,819	1,273,101	1,531,920
2014	587,364	658,937	1,246,300	(252,836)	(174,519)	(198,598)	(625,953)	335,315	1,565,861	1,901,176
2015	187,630	266,930	454,560	956,892	547,412	1,373,109	2,877,413	254,396	1,368,321	1,622,717
2016	88,532	162,844	251,375	286,716	175,035	433,462	895,213	268,468	1,152,256	1,420,725
2017	26,944	98,292	125,236	217,034	152,879	467,134	837,047	305,093	1,075,914	1,381,007
2018	24,552	60,120	84,672	837,001	496,660	1,621,109	2,954,770	348,436	744,469	1,092,905
2019	36,364	90,818	127,182	659,642	347,406	1,378,073	2,385,121	293,885	1,015,711	1,309,596
2020	197,991	468,930	666,921	1,221,902	707,220	2,936,522	4,865,644	894,185	3,232,664	4,126,849
2021	1,038,221	2,126,266	3,164,487	1,690,055	946,459	3,134,479	5,770,993	1,077,800	5,736,410	6,814,210
2022	395,644	1,938,764	2,334,409	1,628,789	914,916	2,295,485	4,839,191	1,331,752	5,498,207	6,829,959
2023	514,545	999,772	1,514,318	1,635,714	1,015,470	2,554,870	5,206,053	1,909,865	8,365,367	10,275,232
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
<b>TOTAL</b>	<b>57,455,406</b>	<b>58,723,003</b>	<b>116,178,409</b>	<b>37,556,398</b>	<b>35,388,793</b>	<b>109,296,976</b>	<b>182,242,167</b>	<b>46,592,199</b>	<b>473,965,292</b>	<b>520,557,491</b>

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

<sup>1</sup>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)**

Calendar Year	SAN JOAQUIN VALLEY AREA									
	Dudley Ridge	Empire <sup>2</sup>	Future Contractor San Joaquin Valley	Kern			Kings	Oak Flat	Tulare	Total
				Municipal and Industrial	Municipal and Industrial <sup>3</sup>	Agricultural				
[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	2,166,900
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	15,005	764	3,218	48,244	4,067	302,002	782	996	30,490	405,567
2010	27,175	1,409	36,027	67,589	7,106	847,559	1,442	317	55,738	1,044,363
2011	36,668	1,898	50,584	71,528	9,661	1,181,522	1,941	1,449	75,133	1,430,383
2012	42,554	2,101	23,353	90,014	11,882	1,139,946	2,149	3,019	85,122	1,400,140
2013	184,417	9,212	69,901	381,331	52,792	4,547,844	9,422	13,022	371,087	5,639,029
2014	199,232	10,166	96,149	371,154	54,233	4,710,985	10,402	15,319	405,240	5,872,880
2015	126,316	6,394	60,711	261,678	55,065	3,098,514	6,540	11,412	255,878	3,862,506
2016	158,644	8,036	83,879	517,219	43,435	6,322,009	8,218	6,108	321,481	7,469,027
2017	246,106	12,651	111,112	444,185	66,064	5,670,836	12,936	13,173	502,497	7,079,560
2018	346,398	17,832	159,622	616,440	93,088	7,898,387	18,242	7,135	707,781	9,864,925
2019	291,360	14,859	108,368	533,875	81,151	6,416,432	15,192	10,242	592,483	8,063,961
2020	706,414	34,707	320,111	1,470,107	219,722	17,728,776	35,496	32,395	1,409,639	21,957,366
2021	706,674	33,454	261,176	1,614,944	204,086	18,301,278	34,215	34,706	1,384,402	22,574,933
2022	906,170	43,146	430,387	2,119,159	270,209	25,029,658	44,105	28,123	1,780,270	30,651,226
2023	1,814,941	89,499	584,782	3,876,205	519,284	43,108,649	91,471	14,695	3,628,397	53,727,924
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
<b>TOTAL</b>	<b>11,694,276</b>	<b>246,135</b>	<b>4,321,609</b>	<b>25,971,632</b>	<b>3,396,343</b>	<b>296,040,224</b>	<b>592,387</b>	<b>458,367</b>	<b>23,432,571</b>	<b>366,153,545</b>

<sup>2</sup> 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.

<sup>3</sup> 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)**

Calendar Year	SOUTHERN CALIFORNIA AREA									
	AVEK	Coachella	Crestline	Desert	Littlerock	Mojave	Palmdale	San Bernardino	San Gabriel	San Gorgonio
	[21]	[22]	[23]	[24]	[25]	[26]	[27]	[28]	[29]	[30]
1952	3,158	850	254	1,402	70	1,695	418	6,079	1,550	962
1953	10,026	2,668	799	4,401	222	5,318	1,328	19,058	4,852	3,011
1954	12,742	3,465	1,031	5,714	285	6,908	1,691	24,608	6,290	3,904
1955	5,411	1,374	401	2,267	115	2,756	715	9,229	2,377	1,474
1956	9,775	2,196	612	3,622	191	4,449	1,267	13,138	3,438	2,127
1957	26,306	6,343	1,816	10,461	540	12,767	3,450	40,646	10,534	6,526
1958	49,204	11,581	3,290	19,099	991	23,360	6,414	72,708	18,898	11,701
1959	70,247	15,869	4,616	26,171	1,347	31,759	9,030	98,596	25,519	15,815
1960	84,552	22,068	6,797	36,395	1,547	43,260	10,772	147,170	37,469	23,307
1961	126,542	34,613	12,530	57,086	2,245	63,709	16,437	236,164	57,707	36,153
1962	198,558	43,719	13,861	72,102	3,344	84,709	24,943	253,435	64,330	40,012
1963	580,138	116,797	33,149	192,624	9,828	234,926	73,256	610,277	160,624	99,266
1964	1,094,365	209,462	55,445	345,446	18,442	429,605	137,769	1,026,066	276,118	170,012
1965	1,908,076	385,533	103,757	635,825	32,819	786,986	244,587	1,913,090	512,862	316,082
1966	3,960,302	812,655	215,858	1,340,235	69,325	1,664,584	517,269	3,943,586	1,062,417	654,194
1967	4,976,538	1,077,422	296,069	1,776,892	88,301	2,182,240	653,250	5,821,681	1,550,239	958,406
1968	5,924,474	1,350,742	368,156	2,227,646	107,350	2,738,009	783,940	7,982,824	2,122,940	1,314,841
1969	5,822,708	1,690,259	539,851	2,787,631	121,303	3,256,507	865,455	10,898,185	2,769,647	1,726,891
1970	5,032,959	2,050,788	695,345	3,382,251	106,381	3,872,367	736,775	13,795,809	3,457,109	2,160,122
1971	2,577,507	1,071,523	338,581	1,767,179	48,337	2,087,223	347,057	8,137,053	1,987,120	1,237,573
1972	973,436	331,759	92,079	547,138	19,134	668,550	134,360	2,691,137	697,957	434,507
1973	354,407	158,579	82,223	261,557	6,304	238,094	46,102	1,760,570	403,582	256,711
1974	451,450	259,175	74,113	427,433	8,143	518,453	59,145	1,617,394	425,927	264,349
1975	253,438	193,632	52,821	319,337	4,954	392,110	33,995	1,533,664	407,913	253,838
1976	237,539	136,751	37,235	225,529	4,245	277,807	31,002	962,280	255,901	158,850
1977	199,554	91,384	25,858	150,711	3,757	183,609	26,834	591,445	155,537	96,517
1978	302,111	78,573	22,226	129,584	5,233	157,815	38,654	428,989	111,769	69,152
1979	357,678	81,807	21,795	134,915	5,965	166,931	44,410	403,569	108,408	66,847
1980	1,867,517	423,755	113,166	698,855	32,435	864,104	240,899	2,040,757	548,085	337,811
1981	(158,728)	(47,102)	(8,865)	(77,678)	(2,576)	(102,568)	(19,588)	(143,875)	(43,557)	(26,356)
1982	1,557,934	298,770	78,903	492,728	26,237	613,587	196,672	1,421,407	388,261	238,792
1983	2,062,512	396,033	115,678	653,134	34,699	803,945	259,939	2,126,313	581,672	357,812
1984	1,518,361	297,559	85,097	490,731	27,272	606,124	188,562	1,546,628	423,408	260,327
1985	896,226	217,115	62,532	358,064	13,104	441,299	107,533	1,116,949	305,291	187,699
1986	841,555	221,194	58,152	364,790	9,038	454,702	93,309	1,048,625	286,302	176,057
1987	333,052	166,099	43,992	273,928	5,566	340,485	40,716	783,725	213,202	131,163
1988	259,234	65,831	22,723	108,570	3,384	128,339	26,743	429,498	113,644	70,260
1989	1,045,999	323,138	97,036	532,920	16,777	649,616	125,344	1,375,722	372,048	227,772
1990	678,053	332,566	97,789	548,468	7,335	672,344	67,179	1,509,745	409,710	251,185
1991	831,687	367,196	120,925	605,579	11,966	733,443	92,625	1,979,364	540,210	331,235
1992	633,272	270,826	131,328	446,647	9,556	501,634	76,760	2,093,387	573,386	351,492
1993	634,283	222,347	171,095	366,700	10,194	353,470	73,955	3,848,084	1,046,752	646,980
1994	467,409	132,599	93,839	218,685	7,255	218,494	53,209	2,347,599	637,733	394,936
1995	459,990	132,690	78,390	218,835	7,436	232,377	54,544	1,961,308	530,656	332,713
1996	299,764	110,520	44,965	182,270	4,885	211,872	35,808	4,246,828	972,829	1,342,109
1997	438,898	103,382	24,640	170,497	7,397	214,534	54,452	3,947,228	397,103	316,731
1998	234,379	62,492	41,136	103,063	3,989	106,009	29,551	5,710,657	303,255	5,614,235
1999	268,224	89,312	40,069	147,294	4,812	167,592	35,399	9,768,138	235,054	10,654,574
2000	139,035	54,795	23,903	90,369	2,665	103,194	19,150	25,569,109	171,107	29,560,816
2001	130,754	50,816	15,641	83,805	2,989	102,254	20,949	33,763,992	96,254	39,529,043
2002	199,807	40,293	12,884	66,452	3,001	80,478	22,664	17,121,707	133,675	19,719,408
2003	76,592	24,945	7,688	41,140	1,245	50,028	9,409	7,154,545	54,302	8,181,827
2004	81,688	23,476	6,416	38,716	1,445	48,028	10,585	3,694,786	42,507	4,101,099
2005	232,323	47,108	14,116	77,691	4,011	93,862	29,628	1,569,017	71,539	1,454,471
2006	334,422	68,325	25,180	112,684	5,626	126,956	42,114	3,375,192	113,701	3,385,371
2007	258,891	57,769	22,068	95,272	4,567	111,771	33,367	3,615,481	108,623	3,865,032
2008	159,067	70,874	60,890	116,900	2,792	83,144	20,471	5,425,622	263,890	5,235,314
2009	577,477	153,560	60,337	253,262	9,826	275,417	73,122	7,871,341	271,508	7,905,557
2010	644,764	193,723	62,817	319,495	10,809	371,033	81,051	9,286,649	285,792	9,811,577
2011	341,088	230,769	59,398	380,581	5,742	474,797	42,964	14,197,480	287,922	15,631,867
2012	257,613	343,375	87,824	566,289	5,062	708,509	35,082	22,092,715	445,112	24,287,392
2013	785,308	347,981	91,200	573,887	15,207	716,458	106,131	66,958,096	487,472	77,096,675
2014	878,563	248,792	64,557	410,306	16,035	513,470	115,184	60,030,057	410,417	69,390,493
2015	1,060,553	271,994	69,827	448,569	20,070	561,613	148,317	32,995,060	387,095	37,545,780
2016	1,348,100	273,943	70,613	451,785	23,495	566,409	175,608	37,122,357	382,569	42,441,137
2017	797,850	169,871	41,238	280,151	13,677	353,931	101,338	12,449,607	194,685	13,990,430
2018	1,146,807	227,788	69,247	375,669	19,292	459,629	144,469	7,827,444	441,441	7,593,561
2019	978,685	228,461	97,136	376,800	16,468	398,335	123,359	2,111,100	472,361	501,199
2020	2,624,679	634,822	183,480	1,046,954	44,773	1,280,645	332,925	4,739,903	1,183,587	906,599
<b>2021</b>	<b>3,226,748</b>	<b>765,609</b>	<b>210,080</b>	<b>1,262,642</b>	<b>55,303</b>	<b>1,563,866</b>	<b>410,204</b>	<b>4,280,547</b>	<b>1,132,882</b>	<b>729,077</b>
2022	4,784,349	1,253,881	339,006	2,067,898	80,595	2,564,188	603,127	6,864,468	1,782,967	1,240,296
2023	6,391,724	1,457,352	397,998	2,403,476	107,604	2,968,332	805,499	7,774,904	2,039,110	1,366,734
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
<b>TOTAL</b>	<b>78,229,708</b>	<b>21,668,230</b>	<b>6,706,703</b>	<b>35,735,525</b>	<b>1,383,738</b>	<b>42,924,254</b>	<b>10,190,652</b>	<b>512,087,714</b>	<b>36,794,596</b>	<b>460,895,430</b>

**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
	Santa Clarita <sup>4,5</sup>	Metropolitan <sup>6</sup>	Ventura	Total	Yuba City	Butte	Plumas	Total		
	[31]	[32]	[33]	[34]	[35]	[36]	[37]	[38]	[39]	[40]
1952	1,042	69,020	370	86,871	0	0	0	0	59	99,353
1953	3,327	217,634	1,187	273,833	0	0	0	0	264	311,812
1954	4,193	279,967	1,496	352,294	0	0	0	0	766	402,143
1955	1,881	111,602	670	140,272	0	0	0	0	969	169,342
1956	3,590	179,335	1,299	225,040	0	0	0	0	9,172	351,551
1957	9,255	516,050	3,367	648,059	0	0	0	0	23,172	1,464,452
1958	17,599	945,684	6,390	1,186,917	0	0	2	2	32,888	2,286,623
1959	29,740	1,364,298	9,894	1,702,901	0	0	14	14	57,918	2,967,412
1960	38,760	1,914,521	12,798	2,379,418	0	0	28	28	123,202	4,660,833
1961	54,262	3,212,125	18,770	3,928,343	0	0	10	10	316,220	8,545,244
1962	85,352	3,543,471	29,069	4,456,905	0	0	32	32	228,202	8,875,171
1963	255,252	11,185,928	86,807	13,638,873	0	0	51	51	528,496	24,610,278
1964	501,858	18,065,455	164,709	22,494,750	0	0	7,791	7,791	590,034	41,736,060
1965	947,523	33,763,577	307,475	41,858,192	0	0	3,139	3,139	332,680	62,664,743
1966	2,150,972	74,485,027	681,898	91,558,323	0	0	(48)	(48)	783,728	129,110,330
1967	4,100,531	130,599,417	1,279,076	155,360,062	0	0	47	47	1,479,421	194,146,365
1968	3,998,942	147,502,290	1,360,687	177,782,842	0	0	51,573	51,573	1,254,192	197,978,911
1969	3,079,426	140,096,646	1,085,026	174,739,535	0	0	234,232	234,232	398,183	184,473,490
1970	3,277,778	161,983,078	1,147,609	201,698,371	0	0	16,227	16,227	74,028	207,082,650
1971	2,146,954	133,903,316	738,822	156,388,246	0	0	27,204	27,204	12,457	158,624,739
1972	283,257	43,931,880	66,878	50,872,072	0	0	9	9	13,182	51,936,917
1973	914,303	39,723,010	290,020	44,495,462	0	0	25	25	8,099	45,263,853
1974	280,861	18,896,593	86,362	23,369,399	0	0	45	45	28,570	24,402,166
1975	246,492	16,732,939	83,975	20,509,109	0	0	21	21	8,226	21,318,838
1976	255,238	13,545,451	84,623	16,212,450	0	0	51	51	16,486	17,492,910
1977	371,469	11,769,352	110,833	13,776,859	0	0	28	28	21,181	15,544,382
1978	470,176	15,781,696	174,876	17,770,853	0	0	38	38	28,876	19,073,475
1979	938,985	27,627,424	343,361	30,302,093	0	0	23	23	26,668	31,857,362
1980	1,777,294	59,493,774	641,586	69,080,039	0	0	26	26	59,169	74,974,704
1981	610,795	15,661,179	224,257	15,865,338	0	0	34	34	(6,746)	15,727,602
1982	861,928	30,873,857	316,107	37,365,183	0	0	11	11	16,086	39,705,931
1983	521,349	25,056,047	187,121	33,156,253	0	0	19	19	72,225	38,006,645
1984	295,783	16,317,441	103,160	22,160,455	0	0	26	26	83,252	30,414,886
1985	158,810	10,243,779	56,162	14,164,564	0	0	29	29	16,338	28,581,730
1986	104,860	8,365,310	34,777	12,058,671	0	0	31	31	16,248	41,035,899
1987	105,625	6,955,356	36,142	9,429,050	0	0	32	32	29,062	32,523,660
1988	174,155	6,626,545	57,117	8,086,041	0	0	55	55	50,083	18,140,686
1989	434,394	18,531,680	153,200	23,885,645	0	0	44	44	43,324	33,301,366
1990	374,313	17,430,869	125,376	22,504,929	0	0	63	63	96,419	34,453,743
1991	401,961	20,792,168	132,558	26,940,915	0	0	54	54	149,922	39,811,664
1992	356,952	21,196,762	116,999	26,758,999	0	0	42	42	80,900	35,041,233
1993	332,089	29,471,748	105,693	37,283,889	0	0	30	30	59,324	53,921,787
1994	165,607	16,392,019	50,941	21,180,326	0	0	14	14	34,208	74,225,377
1995	293,308	16,078,395	72,214	20,452,857	0	0	3	3	42,395	191,527,744
1996	206,742	23,237,696	49,282	30,945,569	0	0	0	0	21,388	189,313,700
1997	249,699	13,530,777	72,335	22,371,673	0	0	3	3	34,976	67,960,684
1998	202,650	11,284,364	65,745	23,761,523	0	0	7	7	11,234	37,111,632
1999	175,939	9,063,618	54,504	30,704,530	0	0	2	2	34,616	43,960,817
2000	77,889	5,393,221	24,010	61,229,262	0	0	24	24	16,912	68,128,743
2001	44,790	2,988,800	13,047	76,843,134	0	0	20	20	68,013	80,348,589
2002	121,849	5,787,234	39,607	43,349,059	0	0	14	14	382,151	54,480,638
2003	42,072	5,783,732	13,689	21,441,217	0	0	0	0	590,294	29,900,210
2004	46,992	4,555,521	15,942	12,667,201	0	0	0	0	156,414	18,353,444
2005	126,137	7,322,277	42,941	11,085,122	0	0	0	0	123,949	14,733,944
2006	246,722	13,867,322	90,203	21,793,819	0	0	5	5	120,330	24,642,180
2007	182,329	11,723,751	65,425	20,144,347	0	0	0	0	266,740	27,491,263
2008	175,464	11,885,796	60,480	23,560,704	0	0	4	4	493,279	39,684,825
2009	339,521	22,108,510	122,280	40,021,717	0	0	6	6	1,018,818	55,172,594
2010	340,756	18,059,829	107,451	39,575,748	0	0	(2)	(2)	6,354,636	63,742,722
2011	219,260	12,727,509	55,576	44,664,952	0	0	0	0	2,566,258	66,349,370
2012	144,365	17,420,517	42,735	66,436,590	0	0	0	0	1,004,833	82,246,641
2013	375,675	28,282,290	110,104	175,946,481	0	0	0	0	546,046	191,295,137
2014	464,869	21,900,556	126,679	154,569,980	0	0	0	0	(16,925)	162,947,459
2015	532,215	41,019,199	163,000	115,223,291	0	0	0	0	277,916	124,318,403
2016	701,184	64,449,205	216,722	148,223,128	0	0	0	0	98,270	158,357,738
2017	555,062	35,220,303	153,990	64,322,131	0	0	0	0	77,988	73,822,969
2018	796,117	35,617,710	222,157	54,941,332	0	0	0	0	223,703	69,162,307
2019	821,708	36,870,945	252,978	43,249,535	0	0	0	0	162,340	55,297,737
2020	1,811,682	77,626,974	514,846	92,931,827	0	0	0	0	336,276	124,884,882
2021	<b>2,021,181</b>	<b>96,068,179</b>	<b>616,610</b>	<b>112,342,927</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>606,628</b>	<b>151,274,179</b>
2022	2,895,647	129,654,272	850,460	154,981,154	0	0	0	0	653,503	200,289,442
2023	3,599,911	141,796,374	1,083,291	172,192,310	0	0	0	0	1,448,719	244,364,556
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
<b>TOTAL</b>	<b>48,956,669</b>	<b>2,276,680,195</b>	<b>15,837,846</b>	<b>3,548,091,260</b>	<b>0</b>	<b>0</b>	<b>341,139</b>	<b>341,139</b>	<b>24,918,855</b>	<b>4,758,482,866</b>

<sup>4</sup> Castaic Lake Water Agency's SWP Water Supply Contract was transferred to Santa Clarita Valley Water Agency effective November 2, 2018.

<sup>5</sup> Costs from Table B-10 allocated to Santa Clarita Valley Water Agency are reduced herein by \$14,088 in 1978 in accordance with a letter of agreement with the agency.

<sup>6</sup> 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)**<sup>1,2,3</sup>

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	147,972	105,673	364,827	618,472	0	0	0
1964	0	0	0	208,371	170,929	530,036	909,335	6,696	21,667	28,363
1965	0	0	0	274,717	259,943	899,371	1,434,031	13,756	36,029	49,785
1966	18,063	0	18,063	310,035	290,808	1,073,270	1,674,113	26,524	61,349	87,873
1967	41,574	0	41,574	380,137	320,989	1,187,619	1,888,745	56,469	118,263	174,731
1968	121,509	0	121,509	496,558	361,935	1,309,946	2,168,439	104,160	208,037	312,197
1969	165,289	0	165,289	598,453	397,386	1,411,701	2,407,539	122,043	242,426	364,469
1970	169,077	0	169,077	632,683	412,322	1,450,660	2,495,665	125,963	250,808	376,771
1971	171,286	0	171,286	639,837	415,439	1,457,564	2,512,840	128,402	256,371	384,773
1972	172,649	0	172,649	641,886	416,368	1,461,867	2,520,100	129,861	260,482	390,343
1973	173,649	31,366	205,015	643,551	417,018	1,465,086	2,525,655	130,843	263,040	393,883
1974	176,527	32,938	209,466	644,829	417,636	1,467,092	2,529,557	132,015	265,901	397,916
1975	184,973	36,291	221,264	647,700	418,879	1,470,816	2,537,394	133,290	269,028	402,318
1976	189,650	40,836	230,485	649,259	419,684	1,472,924	2,541,866	134,041	272,155	406,196
1977	192,592	45,096	237,688	652,213	421,449	1,478,507	2,552,169	135,754	278,799	414,553
1978	195,860	49,178	245,038	658,137	423,747	1,485,299	2,565,183	141,271	292,281	433,552
1979	199,390	53,340	252,730	661,713	427,108	1,494,207	2,583,028	142,362	297,569	439,930
1980	209,132	67,748	276,880	665,876	429,296	1,499,843	2,595,015	143,530	303,969	447,499
1981	222,599	87,408	310,007	676,294	435,629	1,515,357	2,627,280	148,789	327,544	476,333
1982	234,191	106,918	341,110	674,741	434,108	1,512,014	2,620,863	148,004	320,657	468,660
1983	262,160	151,259	413,419	676,540	434,532	1,513,393	2,624,465	148,213	317,658	465,870
1984	326,072	224,245	550,317	687,635	441,230	1,530,671	2,659,536	149,853	323,275	473,127
1985	455,836	364,305	820,141	700,178	448,410	1,548,594	2,697,182	151,658	328,761	480,419
1986	819,636	692,479	1,512,115	702,520	449,390	1,551,318	2,703,228	152,545	332,779	485,324
1987	1,360,688	1,559,243	2,919,931	705,507	451,007	1,555,828	2,712,343	154,805	348,472	503,277
1988	1,771,651	2,208,121	3,979,772	710,068	453,514	1,562,985	2,726,566	161,346	417,591	578,937
1989	1,891,484	2,433,160	4,324,645	719,029	459,332	1,578,655	2,757,016	169,453	494,247	663,699
1990	1,955,330	2,514,151	4,469,481	727,295	464,692	1,592,216	2,784,203	177,387	557,384	734,771
1991	1,978,582	2,557,403	4,535,985	744,128	476,459	1,625,032	2,845,618	189,050	639,235	828,285
1992	1,983,860	2,562,121	4,545,981	773,904	496,722	1,675,047	2,945,673	204,822	754,678	959,500
1993	1,986,897	2,565,427	4,552,324	787,915	505,773	1,698,585	2,992,274	224,056	941,300	1,165,356
1994	1,993,467	2,572,330	4,565,797	798,040	512,498	1,716,961	3,027,499	286,878	1,585,162	1,872,040
1995	1,997,323	2,576,836	4,574,159	802,382	515,639	1,729,387	3,047,407	517,412	4,095,799	4,613,211
1996	1,998,994	2,578,433	4,577,427	810,034	520,936	1,743,439	3,074,409	1,187,010	12,569,247	13,756,257
1997	2,000,110	2,579,484	4,579,594	813,958	523,583	1,750,461	3,088,002	1,808,545	20,578,178	22,386,724
1998	2,001,225	2,585,478	4,586,703	820,497	527,976	1,762,113	3,110,586	1,985,644	22,700,288	24,685,933
1999	2,002,204	2,586,690	4,588,893	822,662	529,331	1,765,656	3,117,649	2,035,260	23,293,767	25,329,027
2000	2,006,043	2,592,730	4,598,773	989,626	533,508	1,777,485	3,300,620	2,088,005	23,838,744	25,926,748
2001	2,329,398	2,786,640	5,116,038	1,051,670	535,165	1,782,101	3,368,936	2,116,064	24,156,352	26,272,998
2002	2,329,837	2,787,480	5,117,317	1,063,787	550,866	1,890,059	3,504,713	2,120,253	24,187,702	26,307,355
2003	2,331,181	2,790,289	5,121,471	1,136,423	621,150	2,236,683	3,994,256	2,124,324	24,210,510	26,334,833
2004	2,334,865	2,791,583	5,126,448	1,254,027	700,643	2,512,474	4,467,144	2,125,494	24,217,560	26,343,054
2005	2,345,413	2,792,921	5,138,334	1,643,388	721,599	2,761,150	5,126,137	2,126,238	24,220,734	26,346,972
2006	2,349,665	2,797,154	5,146,818	2,087,893	742,505	2,855,962	5,686,360	2,126,116	24,210,804	26,336,921
2007	2,412,700	2,798,524	5,211,224	2,986,814	763,106	2,906,021	6,655,941	2,126,644	24,214,870	26,341,514
2008	2,646,515	2,801,521	5,448,036	5,193,153	809,662	3,017,673	9,020,489	2,127,678	24,220,221	26,347,899
2009	3,227,890	2,805,846	6,033,736	7,626,818	897,252	3,227,237	11,751,307	2,129,520	24,226,659	26,356,180
2010	3,317,645	2,807,182	6,124,827	9,118,290	1,081,998	3,667,787	13,868,075	2,130,095	24,229,935	26,360,030
2011	3,348,033	2,807,421	6,155,455	11,742,823	1,318,810	4,260,266	17,321,899	2,135,200	24,239,123	26,374,323
2012	3,363,156	2,810,447	6,173,604	13,760,121	1,583,384	4,897,983	20,241,489	2,142,776	24,255,155	26,397,931
2013	3,402,261	2,843,290	6,245,551	15,077,333	1,664,841	5,007,350	21,749,524	2,148,169	24,278,899	26,427,068
2014	3,456,231	2,896,663	6,352,893	15,640,519	1,690,262	5,123,884	22,454,665	2,160,229	24,349,490	26,509,719
2015	3,506,179	2,949,552	6,455,731	16,115,598	1,588,247	4,739,755	22,443,600	2,178,147	24,451,772	26,629,920
2016	3,502,047	2,971,357	6,473,404	16,632,123	1,599,389	4,671,223	22,902,734	2,184,900	24,531,452	26,716,352
2017	3,483,342	2,984,998	6,468,340	16,951,160	1,583,076	4,591,219	23,125,455	2,176,227	24,565,835	26,742,062
2018	3,395,065	2,993,410	6,388,475	16,908,777	1,554,670	4,507,208	22,970,655	2,153,561	24,564,312	26,717,873
2019	3,347,709	2,998,812	6,346,521	16,936,365	1,561,517	4,543,513	23,041,395	2,165,352	24,593,325	26,758,677
2020	3,347,081	3,007,307	6,354,387	17,043,496	1,577,400	4,626,811	23,247,707	2,187,504	24,675,052	26,862,556
<b>2021</b>	<b>3,365,533</b>	<b>3,052,565</b>	<b>6,418,098</b>	<b>17,193,938</b>	<b>1,639,887</b>	<b>4,892,305</b>	<b>23,726,130</b>	<b>2,268,012</b>	<b>24,969,359</b>	<b>27,237,370</b>
2022	3,479,278	3,266,081	6,745,359	17,416,410	1,731,154	5,193,354	24,340,917	2,371,542	25,524,035	27,895,577
2023	3,524,613	3,435,617	6,960,230	17,649,731	1,824,557	5,426,089	24,900,376	2,507,463	26,086,690	28,594,153
2024	3,585,736	3,552,306	7,138,042	17,985,339	1,934,740	5,702,855	25,622,934	2,714,684	26,996,607	29,711,291
2025	3,576,120	3,548,729	7,124,850	17,983,083	1,933,498	5,699,131	25,615,712	2,713,400	26,993,481	29,706,890
2026	3,570,777	3,543,975	7,114,752	17,981,812	1,932,693	5,697,023	25,611,527	2,712,659	26,990,353	29,703,011
2027	3,567,405	3,539,541	7,106,946	17,979,240	1,930,927	5,691,440	25,601,608	2,710,945	26,983,710	29,694,655
2028	3,563,666	3,535,281	7,098,947	17,975,807	1,928,630	5,684,648	25,589,084	2,705,428	26,970,227	29,675,656
2029	3,559,628	3,530,913	7,090,542	17,970,709	1,925,268	5,675,740	25,571,716	2,704,338	26,964,940	29,669,277
2030	3,548,472	3,515,451	7,063,923	17,967,035	1,923,081	5,670,104	25,560,219	2,703,169	26,958,539	29,661,709
2031	3,533,055	3,494,385	7,027,440	17,957,170	1,916,747	5,654,590	25,528,507	2,697,910	26,934,964	29,632,874
2032	3,519,758	3,473,441	6,993,199	17,959,232	1,918,268	5,657,933	25,535,433	2,698,696	26,941,852	29,640,547
2033	3,487,698	3,425,990	6,913,688	17,958,011	1,917,844	5,656,554	25,532,410	2,698,487	26,944,851	29,643,337
2034	3,414,602	3,349,373	6,763,975	17,947,284	1,911,146	5,639,276	25,497,706	2,696,847	26,939,234	29,636,081
2035	3,266,459	3,203,071	6,469,530	17,935,252	1,903,966	5,621,353	25,460,571	2,695,042	26,933,747	29,628,789
<b>TOTAL</b>	<b>143,968,588</b>	<b>145,144,130</b>	<b>289,112,717</b>	<b>482,525,505</b>	<b>67,558,825</b>	<b>213,074,566</b>	<b>763,158,895</b>	<b>96,378,818</b>	<b>1,005,195,290</b>	<b>1,101,574,108</b>

<sup>1</sup> Unadjusted for prior overpayments or underpayments of charges.

<sup>2</sup> Determined at the current Project Interest Rate of 4.610 percent per annum.

<sup>3</sup> Reflects the transfers of permanent aqueduct capacity among contractors.



**TABLE B-15 Capital Cost Component of Transportation Charge for Each Contractor (in dollars)**<sup>1,2,3</sup>

Calendar Year	SAN JOAQUIN VALLEY AREA									
	Dudley Ridge	Empire	Future Contractor San Joaquin Valley	Kern			Kings	Oak Flat	Tulare	Total
				Municipal and Industrial	Municipal and Industrial <sup>4</sup>	Agricultural				
[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	86,496	2,194	48,950	335,771	48,966	465,956	9,407	5,172	72,922	1,075,834
1969	86,647	6,582	57,418	392,005	52,536	956,924	10,158	5,622	275,914	1,843,805
1970	94,964	6,582	59,224	423,404	53,922	1,163,907	10,446	5,847	204,182	2,022,478
1971	108,271	6,582	60,329	444,522	54,712	1,545,869	10,612	6,296	217,278	2,454,471
1972	120,973	6,582	60,945	454,227	55,075	2,314,805	10,694	12,067	670,289	3,705,656
1973	133,070	6,582	61,370	458,449	55,248	2,669,776	10,736	6,971	259,258	3,661,460
1974	201,964	6,582	61,890	460,485	55,349	2,989,754	10,770	7,805	430,324	4,224,922
1975	245,303	6,582	62,452	462,798	55,490	3,580,900	10,812	8,042	513,479	4,945,858
1976	187,030	6,582	62,720	464,655	55,679	3,860,183	10,853	9,083	367,331	5,024,115
1977	183,879	6,582	63,362	467,359	55,965	4,229,650	10,914	8,320	351,217	5,377,248
1978	196,581	0	65,796	469,216	56,156	4,701,612	11,019	8,770	376,814	5,885,965
1979	233,139	6,582	66,111	471,978	56,491	5,162,579	11,086	8,995	424,086	6,441,047
1980	247,995	6,582	66,399	474,721	56,828	5,633,536	11,157	12,818	426,818	6,936,854
1981	247,995	6,582	67,986	491,115	58,770	6,165,485	11,565	9,670	452,415	7,511,583
1982	247,995	6,582	67,996	488,835	58,707	6,656,454	11,552	10,119	477,417	8,025,658
1983	259,487	6,582	68,332	493,076	59,377	7,215,406	11,685	8,478	56,838	8,179,262
1984	272,794	6,582	68,950	498,702	60,083	7,573,184	11,834	10,794	372,713	8,875,636
1985	285,496	6,582	69,678	506,586	61,243	8,064,139	12,069	11,019	281,146	9,287,959
1986	298,198	6,582	69,966	508,983	61,587	8,193,209	12,141	11,469	578,615	9,740,750
1987	310,900	6,582	70,471	512,652	62,116	9,047,061	12,251	11,693	603,617	10,637,343
1988	323,603	6,582	70,832	515,513	62,526	9,510,025	12,334	12,143	628,619	11,142,176
1989	336,305	6,582	71,717	519,169	63,150	9,843,991	12,501	12,593	654,216	11,520,224
1990	174,503	6,582	73,153	537,527	65,389	10,190,970	12,936	12,818	705,411	11,779,290
1991	323,064	6,582	75,796	566,573	69,966	10,190,970	13,762	12,818	705,411	11,964,943
1992	349,007	6,582	78,990	597,260	74,817	10,190,970	14,756	12,818	705,411	12,030,611
1993	349,007	6,582	80,482	610,123	76,657	10,190,970	15,124	12,818	705,411	12,047,174
1994	349,007	6,582	82,105	619,494	77,936	10,190,970	15,397	12,818	705,411	12,059,720
1995	349,007	6,582	83,398	626,231	78,890	10,190,970	15,608	12,818	705,411	12,068,915
1996	322,817	6,582	87,367	635,384	80,221	9,840,053	15,961	12,818	705,411	11,706,615
1997	322,817	6,582	90,231	639,177	80,707	9,768,771	16,133	12,818	705,411	11,642,646
1998	322,816	6,582	92,940	652,602	82,732	9,517,032	16,588	12,818	705,411	11,409,522
1999	322,816	6,582	94,237	659,509	83,778	9,517,032	16,823	12,818	705,411	11,419,007
2000	322,816	6,582	95,750	667,629	85,008	8,863,551	17,096	12,818	705,411	10,776,662
2001	322,816	6,582	96,315	670,255	85,354	8,718,385	17,172	12,818	705,411	10,635,107
2002	347,309	6,582	96,772	672,352	85,648	8,718,385	17,237	12,818	662,498	10,619,600
2003	347,309	6,582	97,882	681,983	87,121	8,718,385	17,536	12,818	660,050	10,629,666
2004	347,309	6,582	98,185	684,250	87,449	8,705,102	48,200	12,818	568,866	10,558,761
2005	347,309	6,582	98,434	686,336	87,746	8,705,102	48,263	12,818	568,866	10,561,455
2006	347,309	6,582	99,039	692,288	88,653	8,705,102	50,314	12,818	567,000	10,569,105
2007	347,309	6,582	99,161	694,170	88,828	8,705,102	50,350	12,818	567,000	10,571,320
2008	347,309	6,582	99,425	696,491	89,095	8,705,102	50,405	12,818	567,000	10,574,227
2009	347,309	6,582	100,163	703,240	90,159	8,705,102	50,623	12,818	567,000	10,582,996
2010	304,969	6,582	100,376	706,426	90,427	8,514,056	50,677	12,818	524,162	10,310,494
2011	304,969	6,582	102,805	710,984	90,907	8,514,056	50,850	12,818	524,162	10,318,133
2012	304,969	6,582	106,293	715,917	91,573	8,514,056	51,093	12,818	524,162	10,327,463
2013	304,969	6,582	107,943	722,275	92,412	8,514,056	51,287	12,818	524,162	10,336,503
2014	292,914	6,582	110,284	749,908	96,238	8,514,056	52,077	12,818	515,283	10,350,160
2015	274,769	6,582	114,141	713,272	90,993	8,514,056	53,026	12,818	515,283	10,294,940
2016	274,769	6,582	112,791	677,380	85,895	8,514,056	53,640	12,818	515,283	10,253,214
2017	274,769	6,582	105,218	605,356	72,060	8,514,056	54,458	12,818	515,283	10,160,600
2018	274,769	6,582	91,640	539,280	62,863	8,514,056	46,327	12,818	515,283	10,063,618
2019	274,769	6,582	96,766	535,545	67,221	8,514,056	47,452	12,818	515,283	10,070,491
2020	250,574	6,582	104,573	551,509	73,034	8,514,056	48,714	12,818	515,283	10,077,143
<b>2021</b>	<b>276,765</b>	<b>6,582</b>	<b>133,163</b>	<b>666,761</b>	<b>92,625</b>	<b>8,925,327</b>	<b>52,539</b>	<b>12,818</b>	<b>515,283</b>	<b>10,681,863</b>
2022	276,765	6,582	157,988	814,368	112,143	8,925,327	56,323	12,818	515,283	10,877,598
2023	276,765	6,582	201,806	1,027,995	139,747	8,925,327	61,879	12,818	515,283	11,168,203
2024	276,765	6,582	265,094	1,448,908	196,307	8,925,327	73,032	12,818	515,283	11,720,116
2025	276,765	6,582	264,532	1,446,595	196,166	8,925,327	72,990	12,818	515,283	11,717,058
2026	276,765	6,582	264,265	1,444,737	195,977	8,925,327	72,949	12,818	515,283	11,714,704
2027	276,765	6,582	263,622	1,442,034	195,691	8,925,327	72,888	12,818	515,283	11,711,010
2028	276,765	6,582	261,188	1,440,176	195,500	8,925,327	72,782	12,818	515,283	11,706,422
2029	276,765	6,582	260,874	1,437,415	195,165	8,925,327	72,716	12,818	515,283	11,702,944
2030	276,765	6,582	260,585	1,434,671	194,828	8,925,327	72,645	12,818	515,283	11,699,505
2031	276,765	6,582	258,998	1,418,277	192,887	8,925,327	72,237	12,818	515,283	11,679,174
2032	276,765	6,582	258,988	1,420,558	192,949	8,925,327	72,250	12,818	515,283	11,681,519
2033	276,765	6,582	258,652	1,416,316	192,279	8,925,327	72,117	12,818	515,283	11,676,139
2034	276,765	6,582	258,034	1,410,690	191,573	8,925,327	71,968	12,818	515,283	11,669,041
2035	276,765	6,582	257,306	1,402,806	190,414	8,925,327	71,733	12,818	515,283	11,659,033
<b>TOTAL</b>	<b>18,606,734</b>	<b>436,606</b>	<b>8,067,694</b>	<b>50,625,058</b>	<b>6,554,713</b>	<b>526,116,952</b>	<b>2,367,529</b>	<b>793,414</b>	<b>35,311,594</b>	<b>648,880,294</b>

<sup>1</sup> Unadjusted for prior overpayments or underpayments of charges.  
<sup>2</sup> Determined at the current Project Interest Rate of 4.610 percent per annum.  
<sup>3</sup> Reflects the transfers of permanent aqueduct capacity among contractors.  
<sup>4</sup> Charges under Amendment 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)**<sup>1,2,3</sup>

Calendar Year	SOUTHERN CALIFORNIA AREA									
	AVEK	Coachella	Crestline	Desert	Littlerock	Mojave	Palmdale	San Bernardino	San Gabriel	San Gorgonio
	[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	726	0	0	0	51,729	0	0
1964	64,494	19,542	4,370	38,211	1,143	31,079	8,205	82,811	34,987	21,735
1965	121,484	34,348	7,194	42,701	2,082	55,096	15,222	135,069	35,344	21,866
1966	221,012	62,476	12,478	76,886	3,753	99,564	27,679	232,502	61,465	37,964
1967	427,622	121,269	23,472	148,839	7,284	193,330	54,023	433,350	115,574	71,283
1968	689,327	206,952	38,551	245,877	11,781	322,598	87,293	729,849	194,527	120,094
1969	1,003,797	318,583	57,301	368,426	17,249	486,485	127,219	1,136,415	302,649	187,059
1970	1,312,832	451,031	84,796	520,243	23,427	677,267	171,297	1,691,461	443,708	275,010
1971	1,581,850	595,102	120,210	700,914	28,845	896,769	208,821	2,394,083	619,778	385,025
1972	1,720,363	671,098	137,454	795,465	31,306	1,017,778	226,497	2,808,504	720,983	448,055
1973	1,772,377	696,065	142,143	825,044	32,281	1,057,674	233,340	2,945,564	756,530	470,185
1974	1,791,355	707,278	146,331	839,031	32,602	1,072,932	235,688	3,035,230	777,084	483,259
1975	1,815,881	724,295	150,105	861,611	33,017	1,104,111	238,700	3,117,604	798,777	496,722
1976	1,829,760	736,112	152,796	878,290	33,269	1,126,409	240,431	3,195,714	819,552	509,650
1977	1,842,615	744,718	154,692	890,124	33,485	1,143,157	242,010	3,244,723	832,585	517,741
1978	1,853,320	750,463	156,009	898,031	33,676	1,155,303	243,377	3,274,845	840,506	522,656
1979	1,869,355	756,140	157,141	904,987	33,943	1,166,385	245,346	3,296,693	846,199	526,178
1980	1,888,324	762,012	158,251	912,220	34,247	1,178,001	247,607	3,317,247	851,720	529,583
1981	1,987,339	796,384	164,015	950,529	35,899	1,231,140	259,877	3,421,183	879,634	546,787
1982	1,978,809	789,720	163,563	945,667	35,768	1,226,027	258,879	3,413,856	877,416	545,445
1983	2,061,590	809,319	167,582	971,692	37,104	1,262,190	268,895	3,486,248	897,190	557,607
1984	2,171,231	834,564	173,473	1,006,034	38,871	1,303,626	282,134	3,594,542	926,815	575,830
1985	2,251,676	851,720	177,807	1,031,452	40,260	1,337,856	291,738	3,673,311	948,379	589,089
1986	2,299,323	863,875	180,992	1,049,921	40,927	1,371,981	297,214	3,730,198	963,927	598,648
1987	2,344,046	876,261	183,970	1,068,826	41,390	1,389,380	301,992	3,783,895	978,588	607,664
1988	2,362,143	885,509	186,235	1,083,080	41,677	1,409,463	304,089	3,824,257	989,568	614,418
1989	2,376,030	889,631	187,412	1,088,857	41,852	1,418,065	305,475	3,846,509	995,456	618,059
1990	2,432,706	912,986	192,472	1,118,024	42,727	1,456,932	312,010	3,918,238	1,014,854	629,934
1991	2,469,661	932,659	197,604	1,147,282	43,112	1,493,367	315,536	3,997,480	1,036,359	643,118
1992	2,514,880	953,475	203,996	1,179,589	43,744	1,532,861	320,432	4,102,102	1,064,912	660,626
1993	2,549,874	969,784	210,989	1,203,773	44,253	1,560,547	324,519	4,213,571	1,095,444	679,343
1994	2,585,113	983,985	220,171	1,223,934	44,800	1,580,688	328,488	4,420,076	1,151,617	714,062
1995	2,611,217	992,587	225,248	1,236,069	45,193	1,593,247	331,367	4,547,097	1,186,123	735,431
1996	2,637,094	1,001,843	229,526	1,248,440	45,599	1,606,970	334,344	4,654,140	1,215,084	753,590
1997	2,654,359	1,010,118	232,003	1,258,944	45,868	1,619,770	336,316	4,888,049	1,268,666	827,511
1998	2,679,335	1,017,568	233,373	1,268,786	46,279	1,645,501	339,344	5,107,565	1,290,750	1,003,288
1999	2,692,811	1,022,130	235,684	1,274,800	46,503	1,652,930	341,005	5,428,405	1,307,788	1,318,711
2000	2,708,447	1,028,194	237,960	1,283,376	46,776	1,663,832	343,164	5,983,155	1,321,137	1,923,803
2001	2,716,761	1,032,076	239,333	1,288,723	46,930	1,670,782	345,368	7,451,923	1,330,966	3,621,868
2002	2,743,031	1,035,440	240,242	1,293,682	47,103	1,677,292	347,642	9,414,983	1,336,562	5,920,111
2003	2,754,969	1,038,552	241,001	1,297,752	47,280	1,683,053	349,977	10,423,259	1,344,434	7,081,362
2004	2,759,705	1,101,037	241,460	1,300,295	47,354	1,686,610	351,696	10,850,329	1,347,676	7,569,753
2005	2,764,817	6,721,752	241,849	2,061,704	47,442	2,190,235	412,412	11,074,072	1,350,250	7,818,101
2006	2,779,489	6,790,759	242,717	2,075,530	47,688	2,198,162	414,459	11,170,547	1,354,649	7,907,533
2007	2,801,287	6,920,038	244,290	2,099,752	48,040	2,211,449	417,656	11,381,474	1,361,754	8,119,096
2008	2,818,426	7,044,835	245,693	2,122,376	48,330	2,222,306	420,171	11,611,349	1,368,660	8,364,837
2009	2,828,922	7,136,636	249,637	2,141,770	48,511	2,228,483	421,578	11,962,711	1,385,570	8,703,875
2010	2,868,827	7,535,867	253,621	2,246,365	49,160	2,298,772	427,435	12,482,540	1,403,681	9,225,963
2011	2,914,434	7,710,146	257,857	2,290,288	49,889	2,334,731	434,054	13,108,796	1,422,953	9,887,619
2012	2,939,627	7,857,928	261,954	2,334,631	50,285	2,372,681	437,565	14,087,863	1,442,809	10,965,602
2013	2,925,354	8,045,315	268,157	2,382,722	50,643	2,425,415	440,318	15,596,558	1,461,146	12,672,886
2014	2,975,426	8,362,868	270,396	2,456,683	50,602	2,448,659	439,780	20,417,711	1,488,291	18,254,774
2015	2,986,000	8,517,068	272,381	2,489,482	50,857	2,484,269	441,462	24,837,234	1,504,801	23,415,177
2016	2,970,720	9,035,606	272,455	2,561,467	50,726	2,488,661	440,614	27,271,716	1,508,385	26,280,200
2017	2,874,768	9,964,249	267,056	2,656,963	49,057	2,446,939	428,369	30,012,181	1,484,588	29,609,616
2018	2,680,047	10,213,524	255,359	2,626,677	45,681	2,329,873	400,212	30,736,857	1,421,603	30,708,365
2019	2,465,502	10,176,460	242,507	2,544,192	41,857	2,180,707	367,544	30,996,905	1,351,077	31,288,096
2020	2,245,345	9,992,804	223,629	2,416,744	37,140	2,019,853	328,609	30,629,146	1,251,924	31,244,609
<b>2021</b>	<b>2,226,647</b>	<b>10,125,865</b>	<b>205,235</b>	<b>2,364,264</b>	<b>35,872</b>	<b>1,913,741</b>	<b>318,538</b>	<b>30,366,208</b>	<b>1,185,645</b>	<b>31,218,692</b>
2022	2,412,416	10,432,216	208,455	2,436,929	38,797	1,977,161	342,362	30,368,758	1,194,795	31,226,682
2023	2,870,048	11,365,588	238,615	2,736,661	46,107	2,279,463	404,680	30,937,362	1,342,537	31,332,055
2024	3,567,095	12,765,343	277,855	3,159,101	57,528	2,677,048	498,520	31,696,046	1,544,478	31,468,110
2025	3,542,568	12,650,089	274,080	3,123,252	57,113	2,645,277	494,944	31,613,672	1,522,785	31,454,647
2026	3,528,689	12,546,220	271,390	3,094,139	56,860	2,622,561	492,925	31,535,563	1,502,010	31,441,719
2027	3,515,834	12,469,868	269,494	3,073,154	56,644	2,606,122	491,112	31,486,554	1,488,977	31,433,628
2028	3,505,129	12,432,651	268,177	3,060,996	56,453	2,595,261	489,596	31,456,431	1,481,055	31,428,713
2029	3,489,095	12,400,321	267,045	3,050,440	56,186	2,584,876	487,383	31,434,583	1,475,363	31,425,191
2030	3,470,126	12,373,734	265,935	3,040,409	55,883	2,573,976	484,869	31,414,029	1,469,842	31,421,786
2031	3,371,111	12,235,123	260,171	2,988,020	54,231	2,511,980	470,707	31,310,093	1,441,928	31,404,582
2032	3,379,640	12,247,926	260,623	2,993,711	54,362	2,523,208	472,339	31,317,421	1,444,146	31,405,924
2033	3,296,859	12,166,395	256,604	2,959,320	53,026	2,485,797	461,674	31,245,028	1,424,372	31,393,762
2034	3,187,218	12,053,839	250,713	2,913,185	51,258	2,437,719	447,685	31,136,735	1,394,747	31,375,539
2035	3,106,773	11,969,913	246,379	2,878,748	49,869	2,404,036	437,787	31,057,965	1,373,183	31,362,280
<b>TOTAL</b>	<b>174,490,570</b>	<b>343,247,845</b>	<b>14,559,733</b>	<b>119,146,826</b>	<b>2,976,756</b>	<b>126,077,467</b>	<b>24,221,716</b>	<b>933,051,868</b>	<b>79,669,495</b>	<b>790,219,784</b>

<sup>1</sup> Unadjusted for prior overpayments or underpayments of charges.

<sup>2</sup> Determined at the current Project Interest Rate of 4.610 percent per annum.

<sup>3</sup> Reflects the transfers of permanent aqueduct capacity among contractors.

**TABLE B-15 Capital Cost Component of Transportation Charge for Each Contractor (in dollars)**<sup>1,2,3</sup>

Sheet 4 of 4

Calendar Year	SOUTHERN CALIFORNIA AREA (continued)				FEATHER RIVER AREA				South Bay Area Future Contractor	Grand Total
	Santa Clarita <sup>5</sup>	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	1,396,150
1964	27,447	1,260,513	9,378	1,603,916	0	0	0	0	0	2,544,339
1965	53,007	2,180,589	17,766	2,721,767	0	0	405	405	0	4,285,586
1966	101,264	3,900,172	33,426	4,870,643	0	0	565	565	0	6,800,626
1967	210,814	7,693,703	68,155	9,568,718	0	0	562	562	0	11,968,199
1968	421,823	14,345,147	133,299	17,547,119	0	0	564	564	0	21,225,661
1969	627,777	21,857,456	202,599	26,693,015	0	0	3,191	3,191	0	31,477,308
1970	785,575	28,992,595	257,859	35,687,100	0	0	15,121	15,121	0	40,766,212
1971	954,292	37,242,413	316,307	46,044,409	0	0	15,947	15,947	0	51,583,727
1972	1,067,217	44,062,125	353,935	54,060,780	0	0	17,332	17,332	0	60,866,860
1973	1,083,297	46,299,581	357,342	56,671,421	0	0	17,333	17,333	0	63,474,768
1974	1,131,352	48,322,678	372,112	58,946,932	0	0	17,334	17,334	0	66,326,127
1975	1,148,409	49,285,084	376,511	60,150,827	0	0	17,337	17,337	0	68,274,997
1976	1,162,263	50,137,295	380,788	61,202,327	0	0	17,338	17,338	0	69,422,328
1977	1,176,982	50,827,166	385,097	62,035,096	0	0	17,340	17,340	0	70,634,094
1978	1,198,099	51,426,581	390,742	62,743,608	0	0	17,342	17,342	0	71,890,688
1979	1,224,191	52,230,344	399,649	63,656,550	0	0	17,344	17,344	0	73,390,629
1980	1,274,207	53,637,412	417,136	65,207,966	0	0	17,345	17,345	0	75,481,559
1981	1,367,201	56,667,437	449,812	68,757,237	0	0	17,346	17,346	0	79,699,786
1982	1,400,595	57,465,063	461,234	69,562,041	0	0	17,348	17,348	0	81,035,679
1983	1,447,096	59,037,472	477,333	71,481,319	0	0	17,348	17,348	0	83,181,683
1984	1,475,296	60,313,580	486,863	73,182,857	0	0	17,349	17,349	0	85,758,823
1985	1,492,647	61,144,629	492,117	74,322,680	0	0	17,351	17,351	0	87,625,730
1986	1,503,002	61,666,346	494,977	75,061,332	0	0	17,352	17,352	0	89,520,101
1987	1,510,682	62,094,710	496,758	75,678,162	0	0	17,354	17,354	0	92,468,410
1988	1,518,277	62,452,912	498,619	76,170,249	0	0	17,355	17,355	0	94,615,056
1989	1,528,856	62,796,236	501,579	76,594,018	0	0	17,358	17,358	0	95,876,960
1990	1,553,119	63,762,459	509,566	77,856,027	0	0	17,360	17,360	0	97,641,132
1991	1,572,766	64,677,355	516,147	79,042,446	0	0	17,364	17,364	0	99,234,641
1992	1,594,012	65,776,353	523,154	80,470,136	0	0	17,367	17,367	0	100,969,268
1993	1,613,019	66,905,041	529,383	81,899,541	0	0	17,369	17,369	0	102,674,038
1994	1,630,841	68,486,622	535,055	83,905,452	0	0	17,370	17,370	0	105,447,879
1995	1,639,801	69,373,540	537,812	85,054,731	0	0	17,371	17,371	0	109,375,795
1996	1,655,809	70,251,056	541,753	86,175,248	0	0	17,371	17,371	0	119,307,327
1997	1,667,196	71,530,953	544,467	87,884,220	0	0	17,371	17,371	0	129,598,558
1998	1,681,083	72,283,436	548,490	89,644,799	0	0	0	0	0	133,437,542
1999	1,692,468	72,917,423	552,184	90,982,842	0	0	0	0	0	135,437,418
2000	2,846,425	73,432,162	555,279	93,937,710	0	0	0	0	0	138,540,513
2001	2,852,366	73,741,965	556,658	97,458,719	0	0	0	0	0	142,851,198
2002	2,855,659	73,915,736	557,417	101,946,902	0	0	0	0	0	147,496,487
2003	2,864,174	74,256,539	559,749	104,503,201	0	0	17,375	17,375	0	150,600,802
2004	2,867,397	74,601,782	560,566	105,845,662	0	0	17,375	17,375	0	152,358,445
2005	2,871,326	68,499,909	561,532	106,615,400	0	0	17,375	17,375	0	153,805,674
2006	2,882,078	68,876,841	564,172	107,304,625	0	0	17,375	17,375	0	155,061,205
2007	2,907,689	69,605,880	569,809	108,688,214	0	0	17,376	17,376	0	157,485,589
2008	2,926,348	70,216,830	573,969	109,984,131	0	0	17,376	17,376	0	161,392,158
2009	2,942,171	70,888,202	577,886	111,516,132	0	0	17,376	17,376	0	166,257,727
2010	2,978,556	72,113,606	585,961	114,470,355	0	0	17,376	17,376	0	171,151,157
2011	3,014,829	73,157,328	593,207	117,176,133	0	0	17,376	17,376	0	177,363,319
2012	3,036,220	73,889,550	597,040	120,273,753	0	0	17,376	17,376	0	183,431,616
2013	3,049,710	74,246,181	600,058	124,164,462	0	0	17,376	17,376	0	188,940,485
2014	3,047,966	75,377,648	598,659	136,189,463	0	0	17,376	17,376	0	201,874,276
2015	3,059,322	75,923,804	599,707	146,581,565	0	0	16,972	16,972	0	212,422,728
2016	3,057,659	76,765,733	596,555	153,300,496	0	0	16,812	16,812	0	219,663,013
2017	2,988,553	77,000,227	578,998	160,361,564	0	0	16,814	16,814	0	226,874,836
2018	2,756,247	72,879,346	526,485	157,580,277	0	0	16,812	16,812	0	223,737,709
2019	2,545,013	68,346,823	476,105	153,022,787	0	0	14,185	14,185	0	219,254,057
2020	2,410,697	64,572,584	443,288	147,816,374	0	0	2,256	2,256	0	214,360,423
<b>2021</b>	<b>2,366,758</b>	<b>63,299,311</b>	<b>432,598</b>	<b>146,059,374</b>	<b>0</b>	<b>0</b>	<b>1,429</b>	<b>1,429</b>	<b>0</b>	<b>214,124,264</b>
2022	2,446,256	65,527,260	455,034	149,067,123	0	0	44	44	0	218,926,618
2023	2,803,857	75,745,726	539,055	162,641,753	0	0	43	43	0	234,264,759
2024	3,207,756	87,848,028	642,486	179,409,393	0	0	42	42	0	253,601,819
2025	3,189,892	86,997,128	638,088	178,203,536	0	0	40	40	0	252,368,085
2026	3,171,644	86,249,404	633,811	177,146,934	0	0	39	39	0	251,290,968
2027	3,153,132	85,636,429	629,501	176,310,450	0	0	36	36	0	250,424,705
2028	3,125,297	85,072,739	623,856	175,596,353	0	0	35	35	0	249,666,497
2029	3,086,983	84,299,227	614,950	174,671,642	0	0	33	33	0	248,706,155
2030	3,009,769	82,915,673	597,463	173,093,492	0	0	32	32	0	247,078,880
2031	2,866,716	80,003,966	564,787	169,483,414	0	0	30	30	0	243,351,440
2032	2,815,211	79,199,373	553,365	168,667,249	0	0	29	29	0	242,517,976
2033	2,742,660	77,697,261	537,266	166,720,024	0	0	28	28	0	240,485,627
2034	2,700,424	76,520,258	527,736	164,997,055	0	0	27	27	0	238,563,885
2035	2,678,702	75,764,997	522,482	163,853,116	0	0	26	26	0	237,071,065
<b>TOTAL</b>	<b>147,317,249</b>	<b>4,509,079,750</b>	<b>34,514,986</b>	<b>7,298,574,044</b>	<b>0</b>	<b>0</b>	<b>781,778</b>	<b>781,778</b>	<b>0</b>	<b>10,102,081,837</b>

<sup>1</sup> Unadjusted for prior overpayments or underpayments of charges.

<sup>2</sup> Determined at the current Project Interest Rate of 4.610 percent per annum.

<sup>3</sup> Reflects the transfers of permanent aqueduct capacity among contractors.

<sup>5</sup> Castaic Lake Water Agency's SWP Water Supply Contract was transferred to Santa Clarita Valley Water Agency effective November 2, 2018.

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

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
1961	[1] 0	[2] 0	[3] 0	[4] 0	[5] 0	[6] 0	[7] 0	[8] 0	[9] 0	[10] 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	198,922	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	2,253,466	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	606,929	996,487	1,603,417	1,226,141	1,267,512	5,087,144	7,580,797	788,877	3,088,585	3,877,461
2000	777,217	1,495,413	2,272,630	2,181,030	1,299,206	3,763,997	7,244,233	701,204	3,086,687	3,787,891
2001	651,209	1,444,040	2,095,249	4,194,363	1,038,206	3,544,596	8,777,165	723,649	2,906,725	3,630,374
2002	1,098,725	1,874,074	2,972,799	8,265,317	1,360,212	6,066,367	15,691,897	756,677	3,288,267	4,044,944
2003	1,168,611	2,247,438	3,416,049	4,901,790	1,057,275	3,547,976	9,507,041	803,484	3,440,305	4,243,789
2004	1,618,500	2,346,304	3,964,803	2,575,939	1,277,496	3,530,065	7,383,500	799,416	3,354,831	4,154,247
2005	916,734	1,796,614	2,713,348	2,391,501	1,129,780	2,947,359	6,468,641	848,882	3,682,184	4,531,065
2006	817,694	1,387,010	2,204,704	2,484,947	1,206,246	3,274,333	6,965,526	747,553	3,625,703	4,373,256
2007	775,552	1,515,581	2,291,133	3,227,823	1,569,984	4,009,562	8,807,370	828,266	3,591,151	4,419,418
2008	1,053,607	1,426,060	2,479,667	3,633,947	1,769,391	4,491,445	9,894,783	1,251,033	5,329,976	6,581,010
2009	1,122,116	1,794,992	2,917,108	3,283,890	1,489,943	4,215,097	9,898,929	1,090,330	4,541,745	5,632,075
2010	1,192,954	3,194,351	4,387,305	3,137,567	1,538,577	4,237,248	8,913,393	1,404,674	6,199,702	7,604,376
2011	1,571,339	3,660,569	5,231,908	3,520,560	1,698,451	4,537,408	9,756,419	1,448,671	6,561,390	8,010,061
2012	2,065,428	3,562,754	5,628,181	3,711,463	1,772,346	6,749,351	12,233,159	1,443,005	7,245,845	8,688,850
2013	1,508,317	3,071,687	4,580,004	4,220,252	1,993,375	5,971,417	12,185,044	1,690,759	8,790,520	10,481,279
2014	1,940,801	3,785,853	5,726,654	4,746,021	2,196,841	7,318,446	14,261,309	1,537,290	5,830,017	7,367,306
2015	2,173,423	3,624,541	5,797,965	5,822,398	2,158,532	8,343,133	16,324,063	2,033,397	8,475,915	10,509,312
2016	2,698,217	4,402,720	7,100,937	5,210,984	1,947,619	13,613,621	20,772,223	1,886,195	11,136,873	13,023,067
2017	1,850,828	2,896,012	4,746,840	5,879,147	2,251,274	10,321,944	18,452,364	2,262,426	14,499,497	16,761,923
2018	2,697,757	3,729,708	6,427,465	7,715,998	2,842,275	10,040,715	20,598,988	2,378,689	13,322,338	15,701,028
2019	2,580,852	3,450,112	6,030,964	7,120,235	2,623,144	7,697,951	17,441,330	2,105,515	11,588,072	13,693,587
2020	2,966,581	5,430,546	8,397,128	7,833,332	2,901,292	8,486,541	19,221,164	2,263,719	11,656,084	13,919,804
2021	2,981,931	4,380,334	7,362,265	8,171,069	3,018,897	8,729,237	19,919,202	2,216,456	11,421,709	13,638,166
2022	3,337,702	4,154,156	7,491,859	7,662,785	2,820,229	8,254,636	18,737,650	2,205,306	11,339,105	13,544,410
2023	3,100,059	4,658,291	7,758,350	7,894,904	2,904,552	8,484,430	19,283,885	2,228,127	11,545,808	13,773,934
2024	3,131,059	4,704,874	7,835,933	7,973,853	2,933,597	8,569,273	19,476,723	2,250,408	11,661,266	13,911,674
2025	3,162,370	4,751,923	7,914,293	8,053,591	2,962,933	8,654,966	19,671,490	2,272,912	11,777,878	14,050,790
2026	3,193,994	4,799,442	7,993,436	8,134,128	2,992,563	8,741,517	19,868,207	2,295,641	11,895,657	14,191,298
2027	3,225,934	4,847,436	8,073,369	8,215,469	3,022,488	8,828,932	20,066,889	2,318,597	12,014,613	14,333,211
2028	3,258,193	4,895,911	8,154,104	8,297,623	3,052,713	8,917,221	20,267,557	2,341,783	12,134,760	14,476,544
2029	3,290,775	4,944,870	8,235,645	8,380,599	3,083,240	9,006,392	20,470,232	2,365,201	12,256,108	14,621,309
2030	3,323,682	4,994,318	8,318,000	8,464,406	3,114,072	9,096,457	20,674,935	2,388,853	12,378,668	14,767,522
2031	3,356,919	5,044,262	8,401,182	8,549,049	3,145,213	9,187,421	20,881,684	2,412,742	12,502,455	14,915,197
2032	3,390,488	5,094,704	8,485,193	8,634,540	3,176,665	9,279,295	21,090,500	2,436,869	12,627,480	15,064,349
2033	3,424,393	5,145,651	8,570,044	8,720,886	3,208,432	9,372,089	21,301,407	2,461,238	12,753,754	15,214,992
2034	3,458,638	5,197,107	8,655,745	8,808,095	3,240,516	9,465,810	21,514,420	2,485,850	12,881,292	15,367,143
2035	3,493,224	5,249,079	8,742,302	8,896,175	3,272,922	9,560,467	21,729,564	2,510,709	13,010,105	15,520,814
<b>TOTAL</b>	<b>90,757,886</b>	<b>139,373,058</b>	<b>230,130,944</b>	<b>239,254,577</b>	<b>101,059,784</b>	<b>312,788,529</b>	<b>653,102,890</b>	<b>72,095,315</b>	<b>342,798,213</b>	<b>414,893,528</b>

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								
	Dudley Ridge	Empire	Future Contractor San Joaquin Valley	Kern		Kings	Oak Flat	Tulare	Total
				Municipal and Industrial	Agricultural				
	[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	377,305	20,790	272,344	964,787	10,926,029	21,263	21,611	829,227	13,433,358
2000	386,090	21,231	207,591	1,026,678	9,987,766	21,734	22,882	847,556	12,521,529
2001	463,709	25,514	231,713	1,211,557	11,265,338	26,105	31,783	1,018,354	14,274,074
2002	427,983	21,663	224,572	1,084,631	10,267,062	22,173	25,718	817,061	12,890,861
2003	494,752	25,202	242,078	1,177,971	11,268,413	25,794	30,739	944,655	14,209,603
2004	442,383	22,653	244,434	1,124,933	10,643,526	61,739	25,476	732,208	13,297,353
2005	427,294	21,930	257,152	1,013,691	10,307,808	59,689	24,397	708,195	12,820,155
2006	464,498	23,756	196,420	1,109,725	10,328,670	71,730	26,401	765,770	12,986,972
2007	526,641	26,707	234,973	1,268,218	11,676,964	82,394	27,122	863,607	14,706,625
2008	627,522	32,348	372,338	1,529,919	15,130,155	101,771	32,611	1,039,755	18,866,419
2009	514,796	26,167	337,170	1,264,182	12,740,239	83,940	26,765	845,444	15,838,703
2010	501,394	29,131	406,670	1,319,371	13,176,645	94,473	27,761	870,284	16,425,730
2011	602,536	35,286	403,873	1,642,233	15,526,816	111,604	39,522	1,051,529	19,413,399
2012	570,860	33,341	361,578	1,611,466	15,259,886	104,092	31,093	994,398	18,966,714
2013	650,839	38,140	411,666	1,713,675	16,643,564	118,113	30,974	1,136,294	20,743,266
2014	684,763	41,353	520,533	1,826,199	18,741,452	131,391	43,928	1,215,556	23,205,173
2015	649,733	42,371	641,425	1,822,677	19,558,598	137,485	44,332	1,240,620	24,137,241
2016	662,494	43,547	372,162	1,862,320	17,746,879	130,659	45,258	1,271,958	22,135,277
2017	580,280	37,870	375,329	1,616,419	15,894,173	115,892	42,342	1,108,570	19,770,875
2018	659,722	43,141	524,162	1,824,602	18,955,576	135,263	47,222	1,262,090	23,451,778
2019	744,288	48,395	476,407	2,092,817	20,852,335	148,293	52,391	1,418,262	25,833,189
2020	718,024	51,228	564,395	2,227,157	22,572,172	159,036	60,149	1,501,037	27,853,198
<b>2021</b>	<b>765,638</b>	<b>49,441</b>	<b>551,711</b>	<b>2,174,460</b>	<b>22,994,885</b>	<b>153,734</b>	<b>54,174</b>	<b>1,448,683</b>	<b>28,192,726</b>
2022	771,867	49,852	550,526	2,177,231	23,073,784	154,795	53,386	1,460,657	28,292,098
2023	784,704	50,675	561,099	2,143,298	23,462,768	157,414	56,462	1,484,827	28,701,248
2024	792,551	51,182	566,710	2,164,731	23,697,396	158,988	57,027	1,499,676	28,988,261
2025	800,477	51,694	572,377	2,186,378	23,934,370	160,578	57,597	1,514,672	29,278,142
2026	808,482	52,211	578,101	2,208,242	24,173,713	162,183	58,173	1,529,819	29,570,923
2027	816,566	52,733	583,882	2,230,324	24,415,450	163,805	58,755	1,545,117	29,866,633
2028	824,732	53,260	589,721	2,252,628	24,659,605	165,443	59,342	1,560,568	30,165,300
2029	832,979	53,793	595,618	2,275,154	24,906,201	167,098	59,936	1,576,174	30,466,952
2030	841,309	54,331	601,574	2,297,905	25,155,263	168,769	60,535	1,591,936	30,771,622
2031	849,722	54,874	607,590	2,320,884	25,406,815	170,456	61,140	1,607,855	31,079,338
2032	858,219	55,423	613,666	2,344,093	25,660,884	172,161	61,752	1,623,934	31,390,132
2033	866,802	55,977	619,803	2,367,534	25,917,493	173,883	62,369	1,640,173	31,704,033
2034	875,470	56,537	626,001	2,391,210	26,176,667	175,621	62,993	1,656,575	32,021,073
2035	884,224	57,102	632,261	2,415,122	26,438,434	177,378	63,623	1,673,140	32,341,284
<b>TOTAL</b>	<b>30,110,487</b>	<b>1,794,256</b>	<b>19,988,945</b>	<b>79,719,139</b>	<b>855,856,040</b>	<b>4,736,794</b>	<b>1,930,016</b>	<b>57,303,093</b>	<b>1,051,438,770</b>

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

Calendar Year	SOUTHERN CALIFORNIA AREA									
	AVEK	Coachella	Crestline	Desert	Littlerock	Mojave	Palmdale	San Bernardino	San Gabriel	San Gorgonio
1961	[20] 0	[21] 0	[22] 0	[23] 0	[24] 0	[25] 0	[26] 0	[27] 0	[28] 0	[29] 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	11,697	2,958	19,291	1,089	24,380	8,173	52,315	14,399	8,821
1969	86,339	15,522	3,925	25,598	1,445	32,348	10,844	69,419	19,106	11,704
1970	107,807	19,392	4,904	31,981	1,804	40,391	13,540	86,727	23,865	14,623
1971	178,820	32,228	8,150	53,151	2,992	66,999	22,459	144,136	39,636	24,302
1972	363,555	106,740	30,967	176,037	6,601	213,032	48,102	548,123	144,113	89,131
1973	404,661	121,341	34,674	200,116	7,346	243,320	53,975	724,535	190,156	117,779
1974	434,868	130,627	37,062	215,432	7,677	262,735	56,383	786,107	207,019	128,169
1975	504,791	151,031	43,176	249,082	9,082	303,108	65,580	905,424	238,842	147,899
1976	559,013	160,686	44,454	265,004	10,030	325,512	73,253	964,524	256,570	158,664
1977	675,504	184,813	47,743	304,792	11,890	381,161	87,355	1,069,446	289,793	178,774
1978	600,343	187,028	54,156	308,449	10,711	373,192	78,304	1,148,279	300,751	186,384
1979	661,123	196,264	52,211	323,677	12,124	401,469	87,126	1,125,452	302,508	186,688
1980	858,039	253,090	71,921	417,398	15,435	508,379	112,853	1,518,405	401,223	248,399
1981	1,001,503	284,970	73,534	469,970	18,046	588,024	131,992	1,548,350	420,523	259,244
1982	1,128,643	320,938	89,560	529,292	20,193	649,204	148,012	1,870,559	497,871	307,955
1983	1,744,932	450,409	119,275	742,218	30,643	922,072	225,793	2,373,149	639,682	394,524
1984	2,105,780	548,784	150,179	905,055	36,810	1,112,196	271,187	3,018,294	803,394	496,808
1985	2,157,936	584,697	157,841	964,282	38,972	1,191,309	277,250	3,230,403	860,780	531,765
1986	2,311,841	618,750	162,748	1,020,438	40,051	1,268,806	295,987	3,318,638	893,069	551,066
1987	2,366,343	628,222	167,262	1,036,061	41,773	1,283,836	307,844	3,400,838	913,933	564,352
1988	2,303,274	649,276	175,694	1,070,784	40,604	1,321,553	298,438	3,587,873	960,968	593,787
1989	2,280,051	613,266	169,993	1,011,401	39,501	1,240,888	292,775	3,499,964	932,519	576,852
1990	2,636,186	708,829	201,242	1,169,006	45,472	1,424,445	336,069	4,084,211	1,078,392	667,687
1991	2,737,441	763,989	210,644	1,259,974	48,936	1,546,583	358,165	4,348,900	1,150,633	711,803
1992	2,781,586	750,248	198,232	1,237,307	49,829	1,538,733	362,844	4,131,745	1,115,632	688,558
1993	3,109,819	850,589	234,719	1,402,796	56,125	1,722,415	411,539	5,023,595	1,338,111	828,208
1994	2,825,193	794,991	225,121	1,311,100	51,259	1,634,886	376,180	4,794,820	1,267,565	783,691
1995	3,121,440	848,101	231,718	1,398,686	58,749	1,766,297	444,998	4,828,432	1,272,345	785,191
1996	3,093,678	862,720	228,008	1,422,789	56,813	1,817,427	423,444	4,707,473	1,256,549	773,653
1997	3,250,394	918,428	281,067	1,514,687	59,547	1,853,224	446,127	5,705,741	1,477,757	917,372
1998	3,876,512	1,070,517	299,639	1,765,491	73,835	3,207,848	561,246	6,076,375	1,634,942	1,000,558
1999	3,784,797	1,101,270	307,514	1,816,208	75,057	3,188,633	543,662	6,380,339	1,718,473	1,054,720
2000	3,764,355	1,038,523	292,482	1,712,733	68,662	3,008,461	596,615	5,890,416	1,575,862	966,592
2001	4,461,346	1,111,786	298,240	1,833,547	80,861	3,287,877	700,113	5,761,358	1,556,933	950,095
2002	3,651,746	1,020,593	283,190	1,683,161	62,766	3,008,560	551,276	5,645,507	1,514,835	924,879
2003	4,067,155	1,123,306	298,428	1,852,545	68,043	3,294,891	608,571	6,599,195	1,603,982	1,514,563
2004	4,447,321	1,442,509	323,076	1,909,809	76,842	3,427,748	677,248	7,224,977	1,765,936	1,435,981
2005	3,835,102	5,890,245	289,421	2,246,647	66,848	2,910,063	581,790	6,801,437	1,600,318	1,587,833
2006	4,077,931	8,420,935	307,878	2,811,005	74,610	3,150,008	639,630	7,007,886	1,689,293	1,456,824
2007	4,479,002	6,629,826	328,237	2,900,700	78,720	3,338,150	682,212	8,087,006	1,891,315	1,840,736
2008	4,924,295	9,723,312	372,053	3,296,321	81,987	4,110,929	745,952	9,321,803	2,039,132	2,501,059
2009	4,548,972	8,685,599	355,016	2,992,673	77,711	3,711,446	688,813	9,045,972	1,987,285	2,389,701
2010	4,160,630	9,304,634	360,318	3,205,741	73,335	3,785,371	623,136	8,934,153	1,963,495	2,579,911
2011	4,890,636	10,750,147	411,541	3,647,559	85,877	4,332,220	763,401	9,485,009	2,160,139	2,657,934
2012	5,437,219	11,283,076	454,547	3,926,281	97,147	4,573,608	834,242	10,766,824	2,363,983	2,639,523
2013	6,333,333	11,865,943	491,025	4,284,789	111,584	5,186,816	969,376	11,804,710	2,632,468	2,729,198
2014	6,953,618	15,364,355	528,575	5,011,192	116,445	5,844,154	1,040,481	12,785,441	2,863,180	3,090,067
2015	6,457,165	13,243,729	524,146	4,717,087	110,417	6,008,337	938,563	12,805,322	2,956,507	3,112,070
2016	6,414,569	12,956,803	541,810	4,604,732	104,876	5,473,709	932,988	13,128,732	2,986,038	3,309,920
2017	5,884,928	9,797,530	500,609	3,906,483	97,457	4,963,726	858,806	13,632,150	2,725,900	3,506,933
2018	6,437,440	14,717,644	520,713	4,629,405	108,134	5,323,124	945,814	15,033,716	2,912,403	4,149,090
2019	7,011,710	14,119,139	535,755	4,787,005	113,275	5,800,753	1,014,612	17,102,850	3,024,065	5,261,849
2020	7,759,729	19,354,941	635,813	5,876,117	128,614	6,650,186	1,134,229	19,513,098	3,595,485	5,698,151
<b>2021</b>	<b>7,714,215</b>	<b>17,001,180</b>	<b>619,439</b>	<b>5,554,530</b>	<b>127,629</b>	<b>6,647,442</b>	<b>1,125,746</b>	<b>19,183,832</b>	<b>3,492,992</b>	<b>5,750,411</b>
2022	7,780,156	16,449,105	620,029	5,469,666	128,662	6,640,921	1,135,196	18,822,311	3,499,963	5,472,021
2023	7,697,639	17,777,759	626,089	5,689,772	129,585	6,631,278	1,123,741	19,271,846	3,564,775	5,680,919
2024	7,774,615	17,955,537	632,350	5,746,670	130,881	6,697,591	1,134,979	19,464,563	3,600,423	5,737,729
2025	7,852,361	18,135,092	638,674	5,804,137	132,189	6,764,566	1,146,329	19,659,209	3,636,427	5,795,106
2026	7,930,885	18,316,443	645,060	5,862,178	133,511	6,832,212	1,157,792	19,855,803	3,672,791	5,853,058
2027	8,010,194	18,499,608	651,511	5,920,800	134,846	6,900,534	1,169,370	20,054,359	3,709,519	5,911,589
2028	8,090,296	18,684,604	658,026	5,980,008	136,195	6,969,540	1,181,064	20,254,904	3,746,615	5,970,704
2029	8,171,199	18,871,450	664,606	6,039,808	137,557	7,039,235	1,192,874	20,457,454	3,784,081	6,030,412
2030	8,252,910	19,060,164	671,252	6,100,206	138,932	7,109,627	1,204,803	20,662,028	3,821,921	6,090,716
2031	8,335,440	19,250,766	677,965	6,161,208	140,322	7,180,724	1,216,851	20,868,648	3,860,141	6,151,623
2032	8,418,794	19,443,273	684,744	6,222,820	141,725	7,252,531	1,229,019	21,077,334	3,898,742	6,213,139
2033	8,502,982	19,637,707	691,592	6,285,048	143,142	7,325,056	1,241,310	21,288,108	3,937,730	6,275,270
2034	8,588,012	19,834,083	698,508	6,347,899	144,574	7,398,307	1,253,723	21,500,988	3,977,107	6,338,023
2035	8,673,892	20,032,424	705,493	6,411,378	146,019	7,472,290	1,266,260	21,715,999	4,016,878	6,401,403
<b>TOTAL</b>	<b>285,909,076</b>	<b>483,732,864</b>	<b>22,658,503</b>	<b>186,069,216</b>	<b>4,910,418</b>	<b>228,506,390</b>	<b>41,538,424</b>	<b>605,587,537</b>	<b>126,289,775</b>	<b>157,963,361</b>



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
	Santa Clarita <sup>1</sup>	Metropolitan	Ventura	Total	Yuba City	Butte	Plumas	Total		
1961	[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	28,085	972,734	9,504	1,218,520	0	0	0	0	46,945	2,745,160
1969	70,342	1,295,607	12,610	1,654,810	0	0	0	0	52,963	4,074,939
1970	84,577	1,624,569	15,746	2,069,923	0	0	0	0	69,744	4,676,282
1971	105,979	2,716,584	26,118	3,421,555	0	0	54	54	55,532	6,185,714
1972	202,625	8,038,463	68,369	10,035,857	0	0	40	40	80,412	12,998,869
1973	222,765	9,890,316	78,313	12,289,296	0	0	1	1	54,219	15,194,233
1974	235,528	11,581,491	83,453	14,166,551	0	0	143	143	76,783	17,372,561
1975	289,501	13,584,548	101,893	16,593,957	0	0	1,069	1,069	84,547	20,517,423
1976	262,420	12,862,489	94,799	16,037,419	0	0	139	139	106,717	20,027,213
1977	335,749	16,203,699	121,966	19,892,683	0	0	892	892	98,618	24,213,489
1978	376,946	17,811,770	132,435	21,568,747	0	0	39	39	100,786	26,012,786
1979	349,072	16,414,289	126,756	20,238,761	0	0	3,235	3,235	119,352	24,675,598
1980	415,571	20,926,898	154,096	25,901,706	0	0	416	416	178,812	32,038,398
1981	511,087	23,731,024	186,592	29,224,860	0	0	3,847	3,847	185,347	35,516,366
1982	557,494	27,994,510	209,141	34,323,374	0	0	11,075	11,075	173,894	41,611,655
1983	832,687	38,953,367	326,258	47,754,649	0	0	1,928	1,928	220,926	56,802,781
1984	943,524	45,597,671	382,104	56,371,786	0	0	3,765	3,765	225,959	67,072,552
1985	1,055,744	50,064,444	416,652	61,532,075	0	0	2,888	2,888	340,322	73,228,724
1986	1,102,466	52,858,915	442,334	64,885,109	0	0	2,787	2,787	279,227	76,682,113
1987	1,032,918	50,737,631	411,276	62,892,287	0	0	2,388	2,388	345,116	75,240,981
1988	1,042,113	51,262,231	406,248	63,712,844	0	0	545	545	365,207	76,126,695
1989	1,088,176	52,638,942	431,020	64,815,349	0	0	1,800	1,800	422,329	78,708,338
1990	1,275,150	61,053,824	494,721	75,175,234	0	0	788	788	474,284	91,448,066
1991	1,454,172	60,874,529	470,139	75,935,908	0	0	3,654	3,654	214,683	91,098,893
1992	1,579,025	67,460,598	502,131	82,396,469	0	0	647	647	443,676	100,077,320
1993	1,689,775	68,749,547	538,751	85,955,990	0	0	3,630	3,630	599,571	107,321,034
1994	1,608,731	63,898,029	473,897	80,045,461	0	0	2,279	2,279	609,966	101,233,250
1995	1,720,649	68,079,888	523,512	85,080,005	0	0	2,906	2,906	534,971	107,378,966
1996	1,966,634	72,757,439	561,100	89,927,727	0	0	8,007	8,007	571,857	113,585,948
1997	1,810,292	75,655,465	564,455	94,454,555	0	0	7,449	7,449	428,638	114,939,311
1998	2,050,254	80,540,695	608,294	102,766,204	0	0	0	0	465,095	129,072,817
1999	2,081,972	85,258,838	629,246	107,940,728	0	0	0	0	571,383	135,007,143
2000	3,391,361	82,712,917	637,765	105,656,744	0	0	0	0	0	131,483,026
2001	3,773,156	92,945,584	709,090	117,469,986	0	0	0	0	0	146,246,848
2002	3,506,435	85,660,194	659,466	108,172,608	0	0	0	0	0	143,773,109
2003	3,392,356	82,357,577	621,295	107,401,907	0	0	3,425	3,425	0	138,781,813
2004	4,034,122	99,584,709	762,014	127,112,293	0	0	3,455	3,455	0	155,915,652
2005	3,547,757	74,162,876	652,173	104,172,510	0	0	3,452	3,452	0	130,709,171
2006	3,236,833	76,359,546	600,707	109,833,086	0	0	3,905	3,905	0	136,367,449
2007	4,393,943	105,271,501	864,753	142,786,099	0	0	3,517	3,517	0	173,014,162
2008	5,291,979	113,738,631	982,621	157,130,075	0	0	5,035	5,035	0	194,956,989
2009	4,472,648	99,961,313	829,012	139,746,161	0	0	844	844	0	173,123,820
2010	4,302,956	98,286,801	792,475	138,372,156	0	0	1,070	1,070	0	175,704,030
2011	4,716,346	105,525,751	849,548	150,276,109	0	0	2,753	2,753	0	192,690,649
2012	5,145,509	118,331,096	954,922	166,807,978	0	0	1,092	1,092	0	212,325,975
2013	5,994,916	132,811,951	1,123,328	186,339,438	0	0	288	288	0	234,329,319
2014	6,413,842	145,753,405	1,170,667	206,935,423	0	0	115	115	0	257,495,980
2015	6,007,504	131,905,305	1,047,957	189,834,108	0	0	114	114	0	246,602,803
2016	5,716,927	131,623,582	1,062,551	188,857,238	0	0	5,401	5,401	0	251,894,144
2017	5,800,781	134,730,132	1,126,768	187,532,204	0	0	111	111	0	247,264,318
2018	6,049,714	140,175,006	1,101,576	202,103,777	0	0	47,578	47,578	0	268,330,614
2019	6,817,801	152,558,192	1,277,036	219,424,042	0	0	12,981	12,981	0	282,436,092
2020	7,429,977	179,775,143	1,385,297	258,936,779	0	0	17,602	17,602	0	328,345,675
2021	6,359,721	143,072,129	1,110,608	217,759,874	0	0	17,204	17,204	0	286,889,437
2022	8,337,567	198,659,232	1,625,217	274,640,049	0	0	17,200	17,200	0	342,723,265
2023	7,363,253	173,841,865	1,387,445	250,785,965	0	0	17,508	17,508	0	320,320,891
2024	7,436,885	175,580,285	1,401,319	253,293,826	0	0	17,683	17,683	0	323,524,100
2025	7,511,254	177,336,088	1,415,332	255,826,765	0	0	17,860	17,860	0	326,759,340
2026	7,586,367	179,109,446	1,429,485	258,385,032	0	0	18,039	18,039	0	330,026,935
2027	7,662,230	180,900,542	1,443,780	260,968,882	0	0	18,219	18,219	0	333,327,203
2028	7,738,853	182,709,549	1,458,218	263,578,575	0	0	18,401	18,401	0	336,660,480
2029	7,816,241	184,536,645	1,472,800	266,214,361	0	0	18,585	18,585	0	340,027,084
2030	7,894,403	186,382,009	1,487,528	268,876,501	0	0	18,771	18,771	0	343,427,351
2031	7,973,348	188,245,830	1,502,404	271,565,267	0	0	18,959	18,959	0	346,861,626
2032	8,053,081	190,128,286	1,517,428	274,280,917	0	0	19,149	19,149	0	350,330,240
2033	8,133,612	192,029,572	1,532,602	277,023,729	0	0	19,340	19,340	0	353,833,545
2034	8,214,948	193,949,864	1,547,928	279,793,962	0	0	19,534	19,534	0	357,371,877
2035	8,297,097	195,889,364	1,563,407	282,591,904	0	0	19,729	19,729	0	360,945,597
<b>TOTAL</b>	<b>248,197,745</b>	<b>6,358,692,966</b>	<b>50,710,455</b>	<b>8,800,766,730</b>	<b>0</b>	<b>0</b>	<b>455,329</b>	<b>455,329</b>	<b>8,735,637</b>	<b>11,159,523,828</b>

<sup>1</sup> Castaic Lake Water Agency's SWP Water Supply Contract was transferred to Santa Clarita Valley Water Agency effective November 2, 2018.



**TABLE B-16B Minimum OMP&R Component of Transportation Charge for Each Contractor for Off-Aqueduct Power Facilities<sup>1,2,3</sup> (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	35,066	47,874	82,940	140,365	92,557	306,876	539,798	38,476	155,225	193,701
2016	4,534	8,280	12,814	30,111	17,686	63,625	111,422	5,487	33,137	38,624
2017	3,166	6,232	9,398	20,284	13,600	45,497	79,381	3,418	19,553	22,971
2018	2,351	4,574	6,925	14,868	9,854	33,347	58,069	2,488	14,447	16,935
2019	2,173	4,236	6,409	13,813	9,157	30,557	53,527	2,319	13,085	15,404
2020	5,960	11,561	17,521	37,208	25,320	84,479	147,007	6,476	34,967	41,443
<b>2021</b>	<b>6,485</b>	<b>12,359</b>	<b>18,844</b>	<b>40,765</b>	<b>27,306</b>	<b>90,566</b>	<b>158,637</b>	<b>7,463</b>	<b>39,003</b>	<b>46,466</b>
2022	289	135	424	1,114	556	1,478	3,148	765	1,630	2,396
2023	289	135	424	1,114	559	1,478	3,151	768	1,630	2,399
2024	289	135	424	1,114	559	1,478	3,151	768	1,630	2,399
2025	289	135	424	1,114	559	1,478	3,151	768	1,630	2,399
2026	289	135	424	1,114	559	1,478	3,151	768	1,630	2,399
2027	289	135	424	1,114	559	1,478	3,151	768	1,630	2,399
2028	289	135	424	1,114	559	1,478	3,151	768	1,630	2,399
2029	289	135	424	1,114	559	1,478	3,151	768	1,630	2,399
2030	289	135	424	1,114	559	1,478	3,151	768	1,630	2,399
2031	289	135	424	1,114	559	1,478	3,151	768	1,630	2,399
2032	289	135	424	1,114	559	1,478	3,151	768	1,630	2,399
2033	289	135	424	1,114	559	1,478	3,151	768	1,630	2,399
2034	289	135	424	1,114	559	1,478	3,151	768	1,630	2,399
2035	289	135	424	1,114	559	1,478	3,151	768	1,630	2,399
<b>TOTAL</b>	<b>2,664,387</b>	<b>4,978,198</b>	<b>7,642,585</b>	<b>16,338,660</b>	<b>11,781,819</b>	<b>39,682,082</b>	<b>67,802,561</b>	<b>2,404,773</b>	<b>12,975,293</b>	<b>15,380,066</b>

<sup>1</sup> For years 1983 through 2018, changes are debt service only and do not include bond cover.

<sup>2</sup> For years 2009 through 2020, charges include Reid Gardner separation costs that are allocated to SWP water contractors based on theoretical energy use over the facility service life, 1983–2013.

<sup>3</sup> 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-16B Minimum OMP&R Component of Transportation Charge for Each Contractor for Off-Aqueduct Power Facilities<sup>1,2,3</sup> (in dollars)**

Sheet 2 of 4

Calendar Year	SAN JOAQUIN VALLEY AREA							
	Dudley Ridge	Empire	Kern		Kings	Oak Flat	Tulare	Total
			Municipal and Industrial	Agricultural				
	[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	57,355	2,365	89,264	1,214,150	5,119	3,182	93,155	1,464,590
2016	14,059	654	23,321	308,938	1,447	850	26,898	376,167
2017	11,439	483	19,972	241,980	1,103	687	21,598	297,262
2018	8,180	347	14,164	173,270	790	495	15,497	212,743
2019	7,677	328	13,344	163,646	743	461	14,737	200,936
2020	20,820	888	36,562	440,344	2,020	1,264	39,538	541,436
<b>2021</b>	<b>22,617</b>	<b>966</b>	<b>40,185</b>	<b>478,546</b>	<b>2,193</b>	<b>1,373</b>	<b>43,039</b>	<b>588,919</b>
2022	262	17	893	6,172	52	21	482	7,899
2023	262	17	892	6,172	52	21	482	7,898
2024	262	17	892	6,172	52	21	482	7,898
2025	262	17	892	6,172	52	21	482	7,898
2026	262	17	892	6,172	52	21	482	7,898
2027	262	17	892	6,172	52	21	482	7,898
2028	262	17	892	6,172	52	21	482	7,898
2029	262	17	892	6,172	52	21	482	7,898
2030	262	17	892	6,172	52	21	482	7,898
2031	262	17	892	6,172	52	21	482	7,898
2032	262	17	892	6,172	52	21	482	7,898
2033	262	17	892	6,172	52	21	482	7,898
2034	262	17	892	6,172	52	21	482	7,898
2035	262	17	892	6,172	52	21	482	7,898
<b>TOTAL</b>	<b>9,531,141</b>	<b>425,690</b>	<b>19,050,305</b>	<b>205,783,235</b>	<b>851,824</b>	<b>603,692</b>	<b>18,034,391</b>	<b>254,280,278</b>

<sup>1</sup> For years 1983 through 2018, charges are debt service only and do not include bond cover.

<sup>2</sup> For years 2009 through 2020, charges include Reid Gardner separation costs that are allocated to SWP water contractors based on theoretical energy use over the facility service life, 1983–2013.

<sup>3</sup> 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-16B Minimum OMP&R Component of Transportation Charge for Each Contractor for Off-Aqueduct Power Facilities<sup>1,2,3</sup> (in dollars)**

Calendar Year	SOUTHERN CALIFORNIA AREA									
	AVEK	Coachella	Crestline	Desert	Littlerock	Mojave	Palmdale	San Bernardino	San Gabriel	San Gorgonio
	[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	565,798	35,432	894,572	1,250	0	0	233,134	28,548	0
1984	2,499,848	1,427,428	102,114	2,263,172	77	0	0	502,967	693,074	0
1985	3,749,257	2,032,672	170,137	3,230,451	0	0	157,601	884,188	601,583	0
1986	3,159,857	2,097,408	173,460	3,340,188	15,873	0	301,486	739,563	1,088,901	0
1987	3,167,759	1,991,841	190,149	3,230,424	95,994	1,786	258,719	1,951,799	1,091,691	0
1988	2,688,113	1,940,156	187,156	3,194,137	30,395	846	126,639	2,000,664	839,774	0
1989	2,357,669	1,326,863	132,076	2,218,516	50,948	13,206	493,424	1,257,332	792,087	0
1990	2,528,625	1,463,452	115,746	2,413,745	110,678	0	545,342	1,192,997	1,054,762	0
1991	1,048,414	1,022,405	125,256	1,686,304	65,111	473,291	488,207	540,119	796,531	0
1992	2,760,199	1,124,775	55,985	1,855,065	22,891	1,130,876	367,996	362,232	853,047	0
1993	3,559,487	2,256,338	29,498	3,721,492	60,615	1,101,799	640,919	425,969	1,406,255	0
1994	3,963,982	1,345,145	74,879	2,218,411	88,549	1,371,116	678,876	871,358	1,452,741	0
1995	4,324,009	2,498,462	44,237	4,120,837	43,892	881,146	636,541	75,278	1,397,623	0
1996	3,572,856	4,652,945	77,384	7,674,388	31,691	760,763	723,670	458,246	1,201,941	0
1997	3,411,379	4,294,703	42,135	4,319,206	24,319	891,191	648,652	625,340	1,175,556	0
1998	3,977,988	7,554,910	16,624	6,174,031	30,365	508,248	657,806	166,952	827,650	0
1999	3,696,973	3,195,685	71,662	3,678,076	18,305	501,486	710,674	815,001	1,375,575	0
2000	2,372,130	1,420,806	40,083	1,954,947	0	374,972	257,146	617,664	508,258	0
2001	2,680,895	460,256	53,460	759,169	0	213,385	445,872	1,339,699	119,363	0
2002	1,668,457	567,521	74,145	936,215	0	140,035	529,674	2,414,011	841,746	0
2003	1,445,146	411,258	44,506	678,236	0	405,376	277,984	780,631	624,561	3,303
2004	1,813,317	554,874	71,974	760,283	0	465,965	368,929	2,072,770	449,963	44,648
2005	2,047,638	1,721,141	32,667	1,987,091	0	542,366	400,828	1,568,493	566,063	41,448
2006	2,845,985	5,071,235	26,843	2,093,821	0	1,417,777	442,278	1,533,665	681,916	265,078
2007	2,990,954	3,225,680	77,880	1,331,802	0	2,023,088	710,515	2,639,102	177,256	248,328
2008	3,547,772	4,059,802	74,029	2,237,582	1,845	2,200,333	1,052,126	3,410,480	629,597	616,986
2009	3,350,539	4,067,070	79,671	1,633,327	3,263	2,559,670	1,152,062	3,948,007	1,025,723	819,589
2010	4,321,133	7,385,867	31,714	2,730,993	177	3,304,241	810,142	4,668,858	1,673,291	1,048,807
2011	4,952,954	5,605,548	13,018	2,290,872	407	309,065	551,068	2,185,513	1,468,910	954,501
2012	5,401,397	8,864,502	48,852	3,451,280	495	848,848	1,072,349	7,388,666	1,677,958	1,225,982
2013	2,563,236	3,520,765	77,123	1,425,559	3,270	475,946	512,798	1,986,377	591,150	679,437
2014	1,148,978	1,021,712	56,389	644,953	3,804	273,011	348,413	787,781	231,637	284,110
2015	530,003	828,767	25,589	460,870	2,214	205,015	131,952	568,141	185,603	90,577
2016	153,406	165,508	3,945	121,267	746	46,118	29,017	118,424	48,184	18,721
2017	119,205	110,299	2,891	95,545	657	29,311	20,939	70,192	34,110	8,651
2018	85,967	85,377	2,116	70,388	469	20,361	15,186	50,970	24,858	6,898
2019	80,243	73,418	1,919	63,854	450	19,771	14,196	48,735	23,344	6,222
2020	215,389	209,038	5,473	177,301	1,245	52,418	38,084	125,381	61,672	15,751
<b>2021</b>	<b>238,509</b>	<b>221,412</b>	<b>6,022</b>	<b>190,951</b>	<b>1,419</b>	<b>58,917</b>	<b>42,358</b>	<b>138,884</b>	<b>67,927</b>	<b>17,496</b>
2022	7,182	7,983	335	3,217	0	2,888	1,589	5,920	1,662	1,477
2023	7,183	7,982	335	3,217	0	2,888	1,589	5,920	1,662	1,477
2024	7,183	7,982	335	3,217	0	2,888	1,589	5,920	1,662	1,477
2025	7,183	7,982	335	3,217	0	2,888	1,589	5,920	1,662	1,477
2026	7,183	7,982	335	3,217	0	2,888	1,589	5,920	1,662	1,477
2027	7,183	7,982	335	3,217	0	2,888	1,589	5,920	1,662	1,477
2028	7,183	7,982	335	3,217	0	2,888	1,589	5,920	1,662	1,477
2029	7,183	7,982	335	3,217	0	2,888	1,589	5,920	1,662	1,477
2030	7,183	7,982	335	3,217	0	2,888	1,589	5,920	1,662	1,477
2031	7,183	7,982	335	3,217	0	2,888	1,589	5,920	1,662	1,477
2032	7,183	7,982	335	3,217	0	2,888	1,589	5,920	1,662	1,477
2033	7,183	7,982	335	3,217	0	2,888	1,589	5,920	1,662	1,477
2034	7,183	7,982	335	3,217	0	2,888	1,589	5,920	1,662	1,477
2035	7,183	7,982	335	3,217	0	2,888	1,589	5,920	1,662	1,477
<b>TOTAL</b>	<b>96,224,104</b>	<b>90,554,597</b>	<b>2,498,924</b>	<b>82,374,354</b>	<b>711,414</b>	<b>23,662,172</b>	<b>16,682,712</b>	<b>51,648,460</b>	<b>28,413,693</b>	<b>6,417,210</b>

<sup>1</sup> For years 1983 through 2018, charges are debt service only and do not include bond cover.

<sup>2</sup> For years 2009 through 2020, charges include Reid Gardner separation costs that are allocated to SWP water contractors based on theoretical energy use over the facility service life, 1983–2013.

<sup>3</sup> 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-16B Minimum OMP&R Component of Transportation Charge for Each Contractor for Off-Aqueduct Power Facilities<sup>1,2,3</sup> (in dollars)**

Sheet 4 of 4

Calendar Year	SOUTHERN CALIFORNIA AREA (continued)				FEATHER RIVER AREA				Total State Water Project
	Santa Clarita <sup>4</sup>	Metropolitan	Ventura	Total	Yuba City	Butte	Plumas	Total	
	[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	411,247	12,791,358	0	16,045,220	0	0	0	0	20,182,468
1984	1,122,640	39,229,567	0	47,840,887	0	0	0	0	60,556,781
1985	1,572,025	77,446,523	0	89,844,437	0	0	0	0	108,590,343
1986	1,694,487	77,581,287	0	90,192,510	0	0	0	0	107,702,921
1987	1,694,698	68,939,195	0	82,614,055	0	0	0	0	99,411,597
1988	1,776,471	79,936,309	0	92,720,660	0	0	0	0	108,898,833
1989	1,348,806	68,311,546	0	78,302,473	0	0	0	0	89,857,307
1990	1,335,341	83,964,409	277,885	95,002,982	0	0	0	0	104,000,038
1991	531,160	54,214,229	132,209	61,123,236	0	0	0	0	64,233,890
1992	1,548,472	72,401,054	0	82,482,592	0	0	0	0	92,173,695
1993	1,332,392	55,312,615	0	69,847,379	0	0	0	0	87,174,348
1994	1,450,328	72,838,621	0	86,354,006	0	0	0	0	97,722,979
1995	1,901,361	40,862,813	0	56,786,199	0	0	0	0	74,988,898
1996	1,507,542	36,536,259	401	57,198,086	0	0	0	0	71,940,675
1997	1,468,949	37,121,379	108,559	54,131,368	0	0	0	0	65,536,671
1998	1,599,394	30,341,609	149,170	52,004,747	0	0	0	0	65,310,733
1999	1,694,851	42,257,580	106,226	58,122,094	0	0	0	0	72,133,666
2000	994,396	43,977,877	123,318	52,641,597	0	0	0	0	60,213,003
2001	1,418,179	49,405,276	84,868	56,980,422	0	0	0	0	62,827,875
2002	1,384,832	45,412,974	153,549	54,123,159	0	0	0	0	59,683,427
2003	1,353,956	41,917,356	129,134	48,071,447	0	0	0	0	53,245,891
2004	1,677,090	58,676,035	170,851	67,126,699	0	0	0	0	73,135,768
2005	1,443,555	56,220,579	61,131	66,633,000	0	0	0	0	75,946,420
2006	1,617,750	60,701,335	70,268	76,767,951	0	0	0	0	85,894,802
2007	1,864,667	61,354,857	119,861	76,763,990	0	0	0	0	83,828,015
2008	3,303,503	72,144,765	300,729	93,579,549	0	0	0	0	102,461,628
2009	3,010,931	71,530,603	313,357	93,493,812	0	0	0	0	102,494,682
2010	2,663,067	88,263,837	322,003	117,224,130	0	0	0	0	128,041,374
2011	1,811,301	80,381,761	225,564	100,750,482	0	0	0	0	113,077,671
2012	2,619,529	78,031,475	299,385	110,930,718	0	0	0	0	121,679,597
2013	2,266,914	49,351,291	144,019	63,597,885	0	0	0	0	71,469,014
2014	1,191,895	24,242,063	30,070	30,264,816	0	0	0	0	34,698,576
2015	545,173	14,384,861	27,465	17,986,230	0	0	0	0	20,267,259
2016	94,339	3,266,601	7,114	4,073,390	0	0	0	0	4,612,417
2017	68,403	2,367,279	5,183	2,932,665	0	0	0	0	3,341,677
2018	50,099	1,692,245	3,471	2,108,405	0	0	0	0	2,403,077
2019	46,484	1,604,216	3,945	1,986,797	0	0	0	0	2,263,073
2020	127,906	4,294,199	9,557	5,333,414	0	0	0	0	6,080,821
<b>2021</b>	<b>137,684</b>	<b>4,705,113</b>	<b>10,442</b>	<b>5,837,134</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,650,000</b>
2022	4,838	97,997	1,047	136,134	0	0	0	0	150,000
2023	4,838	97,992	1,047	136,128	0	0	0	0	150,000
2024	4,838	97,992	1,047	136,128	0	0	0	0	150,000
2025	4,838	97,992	1,047	136,128	0	0	0	0	150,000
2026	4,838	97,992	1,047	136,128	0	0	0	0	150,000
2027	4,838	97,992	1,047	136,128	0	0	0	0	150,000
2028	4,838	97,992	1,047	136,128	0	0	0	0	150,000
2029	4,838	97,992	1,047	136,128	0	0	0	0	150,000
2030	4,838	97,992	1,047	136,128	0	0	0	0	150,000
2031	4,838	97,992	1,047	136,128	0	0	0	0	150,000
2032	4,838	97,992	1,047	136,128	0	0	0	0	150,000
2033	4,838	97,992	1,047	136,128	0	0	0	0	150,000
2034	4,838	97,992	1,047	136,128	0	0	0	0	150,000
2035	4,838	97,992	1,047	136,128	0	0	0	0	150,000
<b>TOTAL</b>	<b>53,749,544</b>	<b>1,865,384,849</b>	<b>3,404,387</b>	<b>2,321,726,420</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,666,831,910</b>

<sup>1</sup> For years 1983 through 2018, charges are debt service only and do not include bond cover.

<sup>2</sup> For years 2009 through 2020, charges include Reid Gardner separation costs that are allocated to SWP water contractors based on theoretical energy use over the facility service life, 1983–2013.

<sup>3</sup> 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.

<sup>4</sup> Castaic Lake Water Agency's SWP Water Supply Contract was transferred to Santa Clarita Valley Water Agency effective November 2, 2018.

**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		Reach 3A		Reach 3B		Reach 1		Reach 1	
	Barker Slough Pumping Plant		Cordelia Pumping Plant Solano		Cordelia Pumping Plant Napa <sup>1</sup>		South Bay and Del Valle Pumping Plants <sup>2</sup>		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	
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	0.8136316	0.8136316	1.3344157	2.1480473	2.2476094	3.0612409	4.1251508	6.5396327	2.4144819	2.4144819
2000	1.3866159	1.3866159	1.9633803	3.3499962	3.0210750	4.4076910	6.3105300	8.6058809	2.2953510	2.2953510
2001	8.1191305	8.1191305	12.5398434	20.6589739	22.6630508	30.7821813	42.1952424	54.9383080	12.7430656	12.7430656
2002	4.1919309	4.1919309	9.4946293	8.9411156	13.1330465	13.1330465	18.1280636	24.2060285	6.0779649	6.0779649
2003	4.3522704	4.3522704	7.0890449	11.4413153	12.8010554	17.1533258	19.2857696	26.0112488	6.7254792	6.7254792
2004	4.9185632	4.9185632	6.4207890	11.3395522	12.6192952	17.5378585	19.8727176	27.1452671	7.2725495	7.2725495
2005	6.2825152	6.2825152	7.7243202	14.0068354	16.6545213	24.9280365	26.0020232	34.1325784	8.1305553	8.1305553
2006	5.4643637	5.4643637	6.2978001	11.7621638	18.3453434	23.8097071	22.9801792	29.8291644	6.8489852	6.8489852
2007	7.7758446	7.7758446	8.2287853	16.0046299	22.8373486	30.6131932	31.7009562	40.9516060	9.2506498	9.2506498
2008	7.712063	7.712063	10.0850134	17.8562197	22.0080859	29.7792922	28.6376013	41.0218578	12.3842566	12.3842566
2009	5.2307531	5.2307531	6.6759788	11.9067319	14.3356351	19.5663881	21.2199838	27.1252031	5.9052194	5.9052194
2010	6.0240210	6.0240210	8.7796927	14.8037137	16.7619335	22.7859545	24.7882865	34.2228072	9.4345207	9.4345207
2011	6.8696533	6.8696533	9.0284149	15.8980682	20.2247175	27.0943708	29.9210149	40.7362625	10.8152476	10.8152476
2012	6.7319945	6.7319945	9.2934146	16.0254090	18.7001369	25.4321314	30.5386453	40.7603812	10.2217358	10.2217358
2013	8.9365933	8.9365933	10.6303355	19.5669288	25.7001699	34.6367632	36.2847047	49.0911967	12.8064920	12.8064920
2014	10.7168590	10.7168590	15.0140628	25.7309218	31.6904879	42.4073469	45.2658760	64.9042288	19.6383528	19.6383528
2015	11.1978550	11.1978550	15.7328654	26.9307204	32.4907231	43.6885781	48.0526192	68.8615073	20.8088882	20.8088882
2016	8.5381757	8.5381757	12.3990287	20.9372044	28.7641321	37.3023078	36.9618577	52.0654473	15.1035896	15.1035896
2017	8.1601406	8.1601406	12.7789522	20.9390927	22.7372528	30.8973934	43.4114257	57.0559126	13.6444869	13.6444869
2018	10.6440007	10.6440007	15.8561085	26.5001093	27.0110094	37.6550102	40.1197872	55.9310868	15.8112996	15.8112996
2019	10.7992457	10.7992457	15.0339634	25.8332091	28.0950937	38.8943394	34.1110323	48.8818222	14.7707899	14.7707899
2020	15.2046154	15.2046154	8.5629006	23.7675160	38.4198952	53.6245106	52.4265059	66.3875680	13.9610621	13.9610621
<b>2021</b>	<b>14.0170642</b>	<b>14.0170642</b>	<b>0.0000000</b>	<b>14.0170642</b>	<b>35.4173938</b>	<b>49.4344580</b>	<b>49.0316082</b>	<b>66.6182081</b>	<b>17.5865999</b>	<b>17.5865999</b>
2022	14.3528404	14.3528404	0.0000000	14.3528404	36.2657865	50.6186269	48.4316875	66.7660709	18.3343834	18.3343834
2023	13.2122507	13.2122507	0.0000000	13.2122507	22.9036739	36.1159246	46.1325189	64.0073313	17.8748125	17.8748125
2024	13.3158500	13.3158500	0.0000000	13.3158500	23.0832377	36.3990876	46.4956342	61.8121128	15.3164786	15.3164786
2025	13.4438855	13.4438855	0.0000000	13.4438855	23.3052239	36.7491094	46.9427676	64.3554579	17.4126903	17.4126903
2026	13.4385950	13.4385950	0.0000000	13.4385950	23.2960390	36.7346340	46.9242959	61.7550557	18.8307598	18.8307598
2027	13.4548569	13.4548569	0.0000000	13.4548569	23.3242250	36.7790819	46.9810509	59.3416606	12.3606097	12.3606097
2028	13.4240026	13.4240026	0.0000000	13.4240026	23.2702723	36.6947259	46.8732695	66.4882078	19.6149383	19.6149383
2029	13.4416522	13.4416522	0.0000000	13.4416522	23.3013203	36.7429725	46.9349523	63.4153708	16.4804185	16.4804185
2030	13.4414788	13.4414788	0.0000000	13.4414788	23.3010333	36.7425121	46.9343595	62.0532259	15.1188665	15.1188665
2031	13.4403946	13.4403946	0.0000000	13.4403946	23.2991389	36.7395335	47.0067604	65.9463144	18.9395540	18.9395540
2032	13.4419124	13.4419124	0.0000000	13.4419124	23.3011796	36.7436920	46.9358224	60.7775150	13.8416926	13.8416926
2033	13.4514094	13.4514094	0.0000000	13.4514094	23.3182549	36.7696643	46.9690238	62.8676853	15.8966615	15.8966615
2034	13.4221379	13.4221379	0.0000000	13.4221379	23.2675086	36.6896465	46.8667940	65.6020795	18.7352855	18.7352855
2035	13.4601041	13.4601041	0.0000000	13.4601041	23.3322951	36.7933991	46.9993686	63.5329339	16.5335653	16.5335653

<sup>1</sup> For the period 1968 through 1987, rates are for an interim facility.

<sup>2</sup> 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		Reach 14A		Reach 15A		Reach 16A		Reach 17E	
	Dos Amigos Pumping Plant		Buena Vista Pumping Plant		Teerink Pumping Plant		Chrisman Pumping Plant		Edmonston Pumping Plant	
	Unit Rate	Cumulative	Unit Rate	Cumulative	Unit Rate	Cumulative	Unit Rate	Cumulative	Unit Rate	Cumulative
[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	0.8404021	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	12.7125113	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	8.968012	5.0055748	13.4023759	16.6001692	30.0025453
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	-0.9750101	-1.0585256	-2.0335361	-3.8077856	-5.8413217
1999	0.8634492	3.2779311	1.4586807	4.7366118	1.3440477	6.0806595	3.5713752	9.6520347	14.2047038	23.8567384
2000	0.9235333	3.2188842	1.6219853	4.8408695	1.7828715	6.6237410	4.2029220	10.8266630	15.3882971	26.2149601
2001	6.0480040	18.7910696	11.1462381	29.9373077	12.2218485	42.1591562	28.2483594	70.4075156	105.7300557	176.1375712
2002	2.6241935	8.7021584	4.6014533	13.3036117	5.0195728	18.3231845	11.6145173	29.9377018	43.1577241	73.0954260
2003	3.1186984	9.8441776	5.5847107	15.4288883	6.0840848	21.5129731	14.1510704	35.6640335	52.6131846	88.2772280
2004	3.3307184	10.6032678	5.8667696	16.4700374	6.3726502	22.8426876	14.8454678	37.6881554	55.1910093	92.8791647
2005	3.8404797	11.9710350	6.8919336	18.8629686	7.4708789	26.3338474	17.3710070	43.7048544	62.2136403	105.9184947
2006	3.1304521	9.9794374	5.8156675	15.7951048	6.2588030	22.0539078	14.6287519	36.6826597	46.5155773	83.1982370
2007	4.5254433	13.7760931	8.0992436	21.8753367	8.7684262	30.6437629	20.3286482	50.9274111	68.7901583	119.7625693
2008	4.7891758	17.1734324	8.9151286	26.0885610	10.3636881	36.4522491	21.6290386	58.0812876	68.9957991	127.0770868
2009	3.0971058	9.0023252	5.6829553	14.6852804	6.2915371	20.9768175	13.8696060	34.8464235	63.6532861	98.4997096
2010	4.1046451	13.5391658	7.0457731	20.5849389	7.6442173	28.2291561	17.4937007	45.7228568	64.9246308	110.6474876
2011	4.5655551	15.3808027	8.0295979	23.4104006	8.6501186	32.0605192	19.9059635	51.9664827	70.7123383	122.6788660
2012	4.5910132	14.8127490	7.9553554	22.7681045	8.7048110	31.4729155	20.0475227	51.5204382	71.2771280	122.7975662
2013	5.1533566	18.3198486	9.6203699	27.9218855	10.4617288	38.3836143	24.2512836	62.6348978	86.8762318	149.5111296
2014	8.4009024	28.0392551	13.7446113	41.7838665	15.1827311	56.9665976	34.7045230	91.6711207	126.3797167	218.0508335
2015	7.7933326	28.6022207	14.1501362	42.7523569	15.598316	58.3121885	35.2207624	93.5329509	130.8279476	224.3608984
2016	6.5670011	21.6705907	11.6875457	33.3581363	12.8544122	46.2125485	29.0803807	75.2929292	109.3186220	184.6115512
2017	6.2898721	19.9343590	11.1550215	31.0893805	12.3861658	43.4755464	27.8691379	71.3446843	104.9716855	176.3163697
2018	6.4989821	22.3102817	11.8060175	34.1162992	13.0893388	47.2056379	29.5633931	76.7690310	111.2718615	188.0408925
2019	6.0994849	20.8702749	10.9330130	31.8032878	12.1328981	43.9361860	27.5354761	71.4716620	103.3545434	174.8262055
2020	6.4417184	20.4027805	14.5669510	34.9697315	16.5120238	51.4817553	36.6825118	88.1642671	135.8928957	224.0571629
<b>2021</b>	<b>7.7483893</b>	<b>25.3349892</b>	<b>14.1825604</b>	<b>39.5175496</b>	<b>15.0957838</b>	<b>54.6133334</b>	<b>34.7198126</b>	<b>89.3331460</b>	<b>129.1039160</b>	<b>218.4370620</b>
2022	7.6029673	25.9373507	13.8635720	39.8009228	14.7985547	54.5994774	34.0849486	88.6844260	126.7640536	215.4484796
2023	8.1101886	25.9850010	14.7174408	40.7024418	15.9693667	56.6718085	37.0504717	93.7222802	137.8364346	231.5587146
2024	8.0013596	23.3178382	14.3871557	37.7049939	15.5861784	53.2911723	36.1409142	89.4320865	134.3710348	223.8031213
2025	8.1597304	25.5724207	14.7359013	40.3083220	15.9759017	56.2842237	37.0544613	93.3386850	137.8068135	231.1454985
2026	8.0309323	22.8616921	14.4063663	37.2680584	15.6007156	52.8687741	36.1694355	89.0382096	134.4564607	223.4946703
2027	8.1849949	20.5456046	14.7962623	35.3418669	16.0440917	51.3859586	37.2148963	88.6008549	138.4125383	227.0133932
2028	8.0625175	27.6774559	14.4941587	42.1716145	15.7015506	57.8731651	36.4079818	94.2811469	135.3621795	229.6433263
2029	8.1463932	24.6268117	14.7023809	39.3291926	15.9378045	55.2669971	36.9646438	92.2316408	137.4669927	229.6986335
2030	8.0444507	23.1633172	14.4396788	37.6029960	15.6384641	53.2414601	36.2583383	89.4997984	134.7924504	224.2922488
2031	8.4640135	27.4035675	15.5405053	42.9440728	16.8966786	59.8407514	39.2304046	99.0711560	146.0598897	245.1310456
2032	7.8357152	21.6774077	13.9102328	35.5876405	15.0368260	50.6244666	34.8401325	85.4651991	129.4277812	214.8923803
2033	8.4602248	24.3588863	15.5244784	39.8833648	16.8775266	56.7608913	39.1844998	95.9453912	145.8832440	241.8286352
2034	7.8746252	26.6099107	14.0165840	40.6264947	15.1586004	55.7850950	35.1278974	90.9129924	130.5190743	221.4320667
2035	9.0602335	25.5937988	17.1806808	42.7744795	18.7879546	61.5624341	43.7120993	105.2745334	163.1088717	268.3834052

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

Calendar Year	CALIFORNIA AQUEDUCT (continued)							
	Reach 18A		Reach 22B		Reach 23		Reach 26A	
	Alamo Powerplant		Pearblossom Pumping Plant		Mojave Siphon Powerplant		Devil Canyon Powerplant	
	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	18.9577198	3.8823748	22.8400946	-5.1563836	17.6837110	-30.2385322	-12.5548211
2000	-5.3488706	20.8660895	4.5542443	25.4203338	-5.1804371	20.2398967	-30.2852311	-10.0453343
2001	-4.6452108	171.4923604	29.6368741	201.1292345	-5.7699537	195.3592808	-30.9018397	164.4574412
2002	-5.4660286	67.6293974	12.9716072	80.6010046	-6.4072101	74.1937944	-30.1661590	44.0276354
2003	-3.3142156	84.9630124	15.4234144	100.3864268	-7.1779336	93.2084932	-30.3892607	62.8192325
2004	-5.5767140	87.3024508	16.2222541	103.5247049	-7.4292488	96.0954561	-30.2389380	65.8565181
2005	-5.5017080	100.4167867	17.9460159	118.3628026	-6.6110924	111.7517103	-30.2939296	81.4577807
2006	-3.1387155	80.0595215	13.5370501	93.5965716	-5.4976224	88.0989491	-29.8005787	58.2983704
2007	-2.7809944	116.9815749	20.1504425	137.1320175	-6.1785168	130.9535007	-30.0961198	100.8573810
2008	-5.4028716	121.6742151	19.4997782	141.1739933	-6.0198040	135.1541893	-30.7631237	104.3910656
2009	-6.3446584	92.1550513	21.4425257	113.5975769	-5.4878092	108.1097678	-33.3163094	74.7934583
2010	-5.1343883	105.5130993	18.8695769	124.3826762	-6.4564845	117.9261917	-28.6783430	89.2478487
2011	-5.2103711	117.4684949	20.8125082	138.2810032	-7.1272044	131.1537988	-29.9982569	101.1555419
2012	-2.7221204	120.0754458	21.0412588	141.1167046	-11.4254128	129.6912918	-30.6216868	99.0696050
2013	-3.7638094	145.7473202	25.7024082	171.4497284	-10.3251093	161.1246192	-30.7664075	130.3582117
2014	-8.1801225	209.8707149	38.5993980	248.4701129	-7.8617556	240.6083573	-29.6636049	210.9447523
2015	-9.0636991	215.2971993	40.4252791	255.7224784	-9.3774506	246.3450278	-29.6064491	216.7385787
2016	-9.7489045	174.8626467	32.2787529	207.1413996	-11.8723142	195.2690854	-30.7102289	164.5588565
2017	-10.1318567	166.1845130	30.9511759	197.1356889	-16.8845410	180.2511479	-30.2238617	150.0272862
2018	-7.9692616	180.0716309	32.9530421	213.0246730	-10.7765089	202.2481641	-30.6516186	171.5965455
2019	-5.9684628	168.8577427	30.3374011	199.1951438	-12.0100900	187.1850537	-29.7052389	157.4798149
2020	-14.0633395	209.9938234	43.7502228	253.7440462	-17.5151389	236.2289073	-31.8255554	204.4033519
<b>2021</b>	<b>-13.9716297</b>	<b>204.4654323</b>	<b>41.6054347</b>	<b>246.0708670</b>	<b>-23.0649666</b>	<b>223.0059004</b>	<b>-36.3556074</b>	<b>186.6502930</b>
2022	-13.9552514	201.4932282	40.9707150	242.4639432	-23.0033260	219.4606172	-36.2571042	183.2035130
2023	-13.0042214	218.5544934	38.4257428	256.9802362	-19.7303495	237.2498867	-30.7403609	206.5095259
2024	-12.4416088	211.3615125	36.8161799	248.1776924	-18.7125247	229.4651678	-30.3655529	199.0996149
2025	-12.8964900	218.2490085	38.7440222	256.9930307	-19.5427442	237.4502865	-30.2062942	207.2439923
2026	-12.5525354	210.9421349	37.5376212	248.4797562	-18.9138353	229.5659208	-30.5498289	199.0160920
2027	-12.8200234	214.1933698	38.5096174	252.7029872	-19.4023080	233.3006792	-30.3625786	202.9381006
2028	-12.6760297	216.9672966	37.9228652	254.8901619	-19.1388179	235.7513439	-30.6130619	205.1382821
2029	-12.7446965	216.9539370	38.2105402	255.1644772	-19.2643131	235.9001641	-30.2745910	205.6255731
2030	-12.6140558	211.6781930	37.7580388	249.4362318	-19.0257985	230.4104333	-30.3808411	200.0295922
2031	-13.1817315	231.9493141	39.7295089	271.6788231	-20.0697565	251.6090666	-30.4740044	221.1350622
2032	-12.1464871	202.7458933	36.1531150	238.8990082	-18.1804943	220.7185139	-29.6447619	191.0737520
2033	-13.2871493	228.5414859	40.1321374	268.6736232	-20.2657929	248.4078304	-31.3813188	217.0265511
2034	-12.3465945	209.0854722	36.7840654	245.8695377	-18.5406755	227.3288622	-29.5354914	197.7933708
2035	-13.4608339	254.9225712	40.7702031	295.6927744	-20.5902878	275.1024866	-31.7339629	243.3685236



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

Sheet 4 of 5

Calendar Year	CALIFORNIA AQUEDUCT (continued)							
	Reach EBX2B Greenspot Pump Station <sup>3</sup>		Reach EBX2E Citrus Pump Station		Reach EBX3A Crafton Hills Pump Station		Reach EBX4B Cherry Valley Pump Station	
	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	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	0	0
1995	0	0	0	0	0	0	0	0
1996	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0
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	20.6831806	86.5396987	0.0000000	0.0000000	21.4551370	107.9948357	8.6683948	116.6632305
2005	18.9026723	100.3604529	0.0000000	0.0000000	17.9720829	118.3325358	3.6826445	122.0151803
2006	15.9293183	74.2276888	0.0000000	0.0000000	21.0165830	95.2442718	20.2208674	115.4651392
2007	20.4927605	121.3501415	0.0000000	0.0000000	28.4428779	149.7930193	63.2554802	213.0484996
2008	16.8739520	121.2650176	0.0000000	0.0000000	23.8349468	145.0999644	7.1460269	152.2459912
2009	17.5478707	92.3413290	0.0000000	0.0000000	23.7727395	116.1140685	3.9675922	120.0816607
2010	17.0436537	106.2915024	0.0000000	0.0000000	24.2451243	130.5366267	3.4310537	133.9676803
2011	18.0600345	119.2155764	0.0000000	0.0000000	25.1226812	144.3382575	3.5638138	147.9020713
2012	18.3655399	117.4351449	0.0000000	0.0000000	25.8843213	143.3194663	4.3752116	147.6946779
2013	22.4122237	152.7704354	0.0000000	0.0000000	31.8353926	184.6058280	3.9034336	188.5092615
2014	32.2725826	243.2173349	0.0000000	0.0000000	46.5776827	289.7950176	3.2898236	293.0848412
2015	35.2630732	252.0016520	0.0000000	0.0000000	49.0106122	301.0122642	4.3527636	305.3650277
2016	30.8193702	195.3782267	0.0000000	0.0000000	40.6132597	235.9914864	4.5412833	240.5327697
2017	55.5960371	205.6233233	33.1490051	183.1762914	38.9679955	222.1442869	5.7737187	227.9180056
2018	1.8517543	173.4482998	54.0110324	225.6075779	42.6472830	268.2548609	3.4701981	271.7250590
2019	11.3256387	168.8054536	60.5080033	217.9878182	41.4651444	259.4529626	3.7170146	263.1699772
2020	55.5228234	259.9261753	32.8158553	237.2192072	41.5591447	278.7783519	7.1412691	285.9196210
<b>2021</b>	<b>0.0000000</b>	<b>186.6502930</b>	<b>61.4177264</b>	<b>248.0680194</b>	<b>54.0541426</b>	<b>302.1221620</b>	<b>9.5871615</b>	<b>311.7093235</b>
2022	0.0000000	183.2035130	55.5989403	238.8024533	48.9380540	287.7405073	8.6460381	296.3865454
2023	0.0000000	206.5095259	57.6402698	264.1497956	50.6711946	314.8209902	9.3719158	324.1929060
2024	0.0000000	199.0996149	58.0921965	257.1918114	51.0684008	308.2602122	9.4454363	317.7056485
2025	0.0000000	207.2439923	58.6508671	265.8948593	51.5595376	317.4543969	9.5362086	326.9906055
2026	0.0000000	199.0160920	58.6277457	257.6438376	51.5393064	309.1831440	9.5324975	318.7156415
2027	0.0000000	202.9381006	58.6986513	261.6367519	51.6016378	313.2383897	9.5440321	322.7824218
2028	0.0000000	205.1382821	58.5639692	263.7022512	51.4832370	315.1854882	9.5221665	324.7076547
2029	0.0000000	205.6255731	58.6410405	264.2666135	51.5509634	315.8175769	9.5347041	325.3522810
2030	0.0000000	200.0295922	58.6403661	258.6699583	51.5502890	310.2202473	9.5345035	319.7547508
2031	0.0000000	221.1350622	58.6355491	279.7706114	51.5460501	331.3166615	9.5338014	340.8504629
2032	0.0000000	191.0737520	58.6421965	249.7159486	51.5519268	301.2678754	9.5348044	310.8026798
2033	0.0000000	217.0265115	58.6836224	275.7101339	51.5883430	327.2984769	9.5416249	336.8401018
2034	0.0000000	197.7933708	58.5558767	256.3492475	51.4761079	307.8253554	9.5208626	317.3462180
2035	0.0000000	243.3685236	58.7215800	302.0901036	51.6216763	353.7117799	9.5477432	363.2595231

<sup>3</sup> Citrus Pump Station began operation during 2017. No planned water deliveries are scheduled for 2020–2035 at Reach EBX-R2C, so no costs or rates are shown for Greenspot Pump Station. All deliveries through Crafton and Cherry Valley Pump Stations (2019–2035) are assumed to flow through Citrus Pump Station.

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

Calendar Year	CALIFORNIA AQUEDUCT (continued)									
	Reach 29A		Reach 29G		Reach 29J		Reach 31A		Reach 33A	
	Oso Pumping Plant		Warne Powerplant		Castaic Powerplant		Las Perillas and Badger Hill Pumping Plants		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	Unit Rate	Cumulative Unit Rate
[37]	[38]	[39]	[40]	[41]	[42]	[43]	[44]	[45]	[46]	
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	1.5014866	4.1182219	0	0
1969	0	0	0	0	0	0	1.2624066	3.0719381	0	0
1970	0	0	0	0	0	0	1.6309699	3.3588477	0	0
1971	0	0	0	0	0	0	1.4985537	2.7919286	0	0
1972	1.1017349	13.3965941	0	0	-2.9350830	10.4615111	1.9517720	3.4211474	0	0
1973	0.7905574	13.5030687	0	0	-6.8099448	6.6931239	1.5374531	3.0757814	0	0
1974	0.7530214	12.6772442	0	0	-7.4013274	5.2759168	1.5168982	2.9878282	0	0
1975	0.8405850	12.9068644	0	0	-6.5604921	6.3463723	1.1130304	2.6699305	0	0
1976	0.7771828	14.4483197	0	0	-6.7213324	7.7269873	1.5685447	3.2790543	0	0
1977	0.6152458	17.9458194	0	0	-30.4985994	-12.5527800	1.7573375	4.1392043	0	0
1978	0.5222831	13.4372037	0	0	-9.0130187	4.4241850	1.9429506	4.0089431	0	0
1979	0.7045701	17.9908273	0	0	-19.0478097	-1.0569824	1.5600341	4.3608941	0	0
1980	1.4269064	20.6255585	0	0	-20.5438586	0.0816999	1.5124754	3.6770034	0	0
1981	1.5684309	20.2186605	0	0	-10.0059379	10.2127225	1.5414199	4.7045073	0	0
1982	1.4942585	19.7739190	-2.1714430	17.6024760	-9.5987341	8.0037446	1.7581649	4.3530008	0	0
1983	1.2818887	11.4081712	-8.9130752	2.4950960	-39.8193120	-37.3242160	0.1782765	1.3888171	0	0
1984	1.7796296	16.6546302	-15.0246012	1.6300290	-17.3126964	-15.6826674	0.8546712	2.6822403	0	0
1985	2.1683838	23.0053556	-14.7115359	8.2938197	-38.9450629	-30.6512432	1.2014351	3.6785929	0	0
1986	3.2288411	39.6231134	-14.1893653	25.4337481	-28.1596224	-2.7258742	2.2635886	6.9752505	0	0
1987	3.1272967	35.0197908	-14.8696165	20.1501743	-27.0536484	-6.9034741	1.9135072	5.9486162	0	0
1988	2.9878581	32.9904032	-14.7032843	18.2871189	-25.6857024	-7.3985835	1.7733386	5.6554272	0	0
1989	3.5262089	42.9746819	-14.4231503	28.5515316	-25.3986130	3.1529186	2.4159040	7.4317239	0	0
1990	3.6810660	56.4890182	-14.1850383	42.3039798	-26.0776142	16.2263657	3.7962150	9.8240367	0	0
1991	2.1853025	37.6098245	-14.7118704	22.8979541	-25.0234633	-2.1255092	2.4131016	7.1520492	0	0
1992	1.9048343	23.9194204	-14.6199430	9.2994774	-25.1951357	-15.8956583	1.2766372	4.5092789	0	0
1993	1.0569728	-4.0768404	-10.3386607	-14.4155011	-21.1218973	-35.5373984	-1.1726172	-0.7762411	0	0
1994	3.0638504	40.6646149	-14.7696788	25.8949361	-26.7437304	-0.8487943	2.3645104	7.0748798	0	0
1995	1.5724835	21.1129984	-12.2705974	8.8424010	-25.6907993	-16.8483983	2.5750402	5.4022971	0	0
1996	3.1318961	42.5378346	-14.8515762	27.6862584	-29.5639188	-1.8776604	2.5837041	7.6010922	0	0
1997	2.7928728	41.5836062	-14.9272063	26.6563999	-27.1541858	-0.4977859	2.7029648	6.9426653	24.4572499	31.3999152
1998	-0.3226129	-6.1639346	-8.6695834	-14.8335180	-22.2303491	-37.0638671	-0.5072304	-0.6085333	-4.1828906	-4.7914239
1999	1.9037719	25.7605103	-14.9340263	10.8264840	-27.0443818	-16.2187898	1.3710724	4.6490034	9.8811650	14.5301684
2000	1.8064079	28.0213680	-14.1657261	13.8556418	-26.9670096	-13.1113678	1.9062744	5.1251586	14.1572786	19.2824372
2001	13.3506231	189.4881943	-16.7349304	172.7532639	-29.2914159	143.4618480	12.1791731	30.9702427	92.1279543	123.0981970
2002	4.8843487	77.9797747	-13.2004543	64.7793204	-23.7780808	41.0012396	5.4523577	14.1545162	42.2356425	56.3901587
2003	6.1234197	94.4006477	-13.9757172	80.4249305	-23.8496317	56.5752988	6.2991083	16.1432859	48.5398663	64.6831522
2004	6.4691088	99.3482735	-14.1574758	85.1907977	-25.2967499	59.8940478	6.4578566	17.0611245	52.5234071	69.5845316
2005	7.3345862	113.2530808	-14.2938796	98.9592012	-24.7472457	74.2119556	8.2161336	20.1871686	62.2439815	82.4311501
2006	5.2527061	88.4509431	-14.0865037	74.3644394	-23.8861273	50.4783121	7.4054795	17.3849169	52.1629592	69.5478761
2007	8.1663205	127.9288899	-12.5169061	115.4119838	-25.0603889	90.3515949	9.9534234	23.7295166	73.5897011	97.3192177
2008	8.5535144	135.6306012	-13.8809446	121.7496566	-29.0198140	92.7298426	10.5303147	27.7037471	79.6384295	107.3421766
2009	6.9006555	105.3997751	-10.4812488	94.9185263	-24.7607898	70.1577365	6.7838660	15.7861912	62.9155041	78.7016952
2010	7.9652264	118.6127140	-13.8211960	104.7915181	-26.2504816	78.5410364	8.4639527	22.0031185	68.9378650	90.9409836
2011	8.4278727	131.1067387	-14.1584994	116.9482393	-28.7386599	88.2095794	9.7697761	25.1505788	85.4589931	110.6095719
2012	8.4530651	131.2506313	-13.8982775	117.3523539	-25.6245942	91.7277597	8.9148718	23.7276208	84.0072128	107.7348337
2013	10.2850969	159.7962265	-14.3636831	145.4325434	-25.5768325	119.8557109	12.2163090	30.5361575	94.0115337	124.5476913
2014	15.0335064	233.0843438	-14.0124517	219.0718921	-26.4213846	192.6505076	16.6022731	44.6415282	105.9560101	150.5975384
2015	15.5860469	239.9469453	-14.2676550	225.6792904	-25.0847717	200.5945186	16.959385	45.5621592	128.4756945	174.0378537
2016	12.9510657	197.5626168	-14.0588274	183.5037895	-24.9945598	158.5092297	12.8588071	34.5293978	97.1588605	131.6882583
2017	12.4354723	188.7518421	-13.8958888	174.8562533	-25.7685720	149.0875013	12.1525242	32.0868832	78.5781202	110.6655952
2018	13.2830460	201.3239385	-15.2646424	186.0592961	-26.6439108	159.4153854	16.2155069	38.5257886	119.5824582	158.1082468
2019	12.4111234	187.2373288	-14.8238687	172.4134601	-27.3405902	145.0728699	15.7888936	36.6591685	112.1986877	148.8578562
2020	14.3833461	238.4405090	-11.9937579	226.4467511	-20.3973303	206.0494208	17.1758333	37.5786138	148.1757366	185.7543504
<b>2021</b>	<b>13.4084334</b>	<b>231.8454953</b>	<b>-14.1465326</b>	<b>217.6989628</b>	<b>-22.2306004</b>	<b>195.4683624</b>	<b>17.5937591</b>	<b>42.9287483</b>	<b>111.3405135</b>	<b>154.2692618</b>
2022	13.8185530	229.2670326	-13.3663610	215.9006717	-23.0285285	192.8721432	17.3287962	43.2661469	109.6297745	152.8959214
2023	16.2796233	247.8383381	-15.3433042	232.4950339	-23.7631948	208.7318392	6.9194232	32.9044242	142.0429361	174.9473602
2024	16.1314184	239.9345397	-15.1041826	224.8303572	-24.1614863	200.6688709	6.9851070	30.3029452	143.1561159	173.4590610
2025	16.0411113	247.1866098	-14.8743732	232.3122366	-23.7891388	208.5230978	7.0502107	32.6226314	144.5327807	177.1554120
2026	15.7169440	239.2116143	-14.5784907	224.6331236	-23.3071145	201.3260091	7.0478444	29.9095365	144.4759265	174.3854631
2027	16.3440488	243.3574420	-15.1438994	228.2135426	-24.2285431	203.9849995	7.0560433	27.6016480	144.6506586	172.2523065
2028	15.7758922	245.4192186	-14.6507060	230.7685126	-23.4225088	207.3460038	7.0329618	34.7104176	144.3188296	179.0292472
2029	16.2328797	245.9315132	-15.0553473	230.8761659	-24.0841457	206.7920202	7.0488719	31.6756836	144.5087440	176.1844276
2030	15.6950075	239.9872563	-14.5549379	225.4323183	-23.2687602	202.1635582	7.0497956	30.2131127	144.5069289	174.7200417
2031	17.9981703	263.1292160	-16.7007182	246.4284978	-26.7275351	219.6559627	7.0483737	34.4519412	144.4950578	178.9469990
2032	15.0062640	229.8986443	-13.9149554	215.9836889	-22.2536571	193.7583232	7.0497333	28.7271410	144.5114174	173.2385585
2033	17.6891260	259.5177612	-16.3993136	243.1184475	-26.2791197	216.8392279	7.0543413	31.4132276	144.6136470	176.0268746
2034	14.9895066	232.4220173	-13.9190244	222.5029929	-22.2340835	200.6689094	7.0307720	33.6406826	144.5988889	177.9395716
2035	23.6508703	292.0342754	-21.9411549	270.0931206	-35.4109404	234.6821801	7.0585445	32.6523433	144.7070712	177.3594145

## 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<sup>1</sup> (in dollars)**

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	16,237	54,380	70,617	258,207	193,717	444,579	896,503	54,386	292,594	346,980
2000	21,853	93,587	115,441	375,486	237,544	749,863	1,362,894	76,397	438,502	514,899
2001	287,659	528,307	815,967	1,675,681	989,109	2,451,313	5,116,103	527,230	2,332,218	2,859,448
2002	90,290	266,205	356,494	1,067,734	640,899	1,453,943	3,162,576	245,579	1,558,398	1,803,978
2003	131,103	266,087	397,190	1,076,990	647,811	2,301,219	4,026,200	288,034	1,744,375	2,032,409
2004	141,816	356,192	498,008	1,325,729	624,583	1,614,003	3,564,314	289,820	2,067,009	2,356,828
2005	189,426	393,907	583,333	1,486,725	850,784	2,499,318	4,836,827	350,415	1,924,273	2,274,688
2006	182,948	319,395	502,343	1,306,684	740,195	2,186,379	4,233,258	292,727	1,618,727	1,911,454
2007	332,799	606,438	939,237	1,614,865	902,007	2,711,160	5,228,031	367,477	2,699,635	3,067,112
2008	395,206	527,598	922,805	1,567,709	767,748	1,941,383	4,276,840	365,178	1,974,345	2,339,523
2009	213,145	272,177	485,322	843,241	501,079	1,552,123	2,896,443	299,133	1,215,986	1,515,120
2010	282,374	305,677	588,052	1,351,323	627,657	1,947,175	3,926,156	341,665	1,616,476	1,958,141
2011	306,109	307,816	613,926	1,748,638	948,748	2,961,421	5,658,807	422,418	2,511,286	2,933,704
2012	251,514	316,882	568,396	1,724,618	654,472	2,348,451	4,727,541	424,906	2,098,028	2,522,934
2013	433,372	526,180	959,551	2,128,755	1,087,237	3,112,143	6,328,135	458,460	2,244,100	2,702,560
2014	599,974	395,945	995,919	1,545,098	1,202,782	2,169,620	4,917,500	480,184	2,505,378	2,985,562
2015	488,162	506,917	995,079	1,480,045	941,195	3,145,832	5,567,072	597,780	2,027,653	2,625,433
2016	334,707	360,288	694,995	2,384,152	798,340	4,093,734	7,276,226	552,959	3,921,783	4,474,742
2017	253,892	415,954	669,846	2,107,616	940,155	4,143,032	7,190,804	314,844	4,312,707	4,627,551
2018	439,640	683,848	1,123,489	2,210,564	904,213	4,774,584	7,889,361	383,729	4,359,834	4,743,563
2019	438,609	605,602	1,044,211	2,026,906	690,510	2,396,388	5,113,803	393,282	2,945,664	3,338,947
2020	675,186	599,545	1,274,731	1,421,092	1,496,503	5,227,432	8,145,027	862,643	1,267,402	2,130,045
<b>2021</b>	<b>860,901</b>	<b>401,645</b>	<b>1,262,546</b>	<b>3,015,973</b>	<b>1,545,021</b>	<b>3,997,092</b>	<b>8,558,087</b>	<b>2,044,993</b>	<b>4,210,317</b>	<b>6,255,310</b>
2022	881,523	411,266	1,292,790	3,025,398	1,560,999	4,005,964	8,592,361	2,032,598	4,172,835	6,205,434
2023	628,959	378,584	1,007,543	2,905,987	1,508,499	3,840,440	8,254,926	2,339,046	4,774,663	7,113,710
2024	633,890	381,552	1,015,442	2,797,442	1,463,431	3,708,727	7,969,600	2,325,392	4,734,045	7,059,437
2025	639,986	385,221	1,025,207	2,919,023	1,526,817	3,861,327	8,307,167	2,374,945	4,834,926	7,209,871
2026	639,734	385,070	1,024,803	2,792,687	1,461,016	3,705,303	7,959,007	2,337,812	4,759,328	7,097,140
2027	640,508	385,535	1,026,043	2,676,435	1,400,437	3,560,500	7,637,372	2,309,214	4,701,110	7,010,324
2028	639,039	384,651	1,023,690	3,022,047	1,580,494	3,989,292	8,591,834	2,400,066	4,886,066	7,286,132
2029	639,879	385,157	1,025,036	2,873,522	1,503,113	3,804,922	8,181,557	2,361,928	4,808,425	7,170,354
2030	639,871	385,152	1,025,023	2,807,127	1,468,539	3,723,194	7,998,859	2,342,297	4,768,459	7,110,756
2031	639,819	385,121	1,024,940	2,997,175	1,567,494	3,956,779	8,521,449	2,398,963	4,883,822	7,282,785
2032	639,891	385,165	1,025,056	2,744,369	1,435,876	3,646,651	7,826,896	2,322,436	4,728,027	7,050,463
2033	640,344	385,437	1,025,780	2,848,429	1,489,996	3,772,061	8,110,486	2,359,816	4,804,125	7,163,942
2034	638,950	384,598	1,023,548	2,978,277	1,557,720	3,936,125	8,472,122	2,385,458	4,856,327	7,241,785
2035	640,757	385,686	1,026,443	2,883,456	1,508,155	3,811,976	8,203,587	2,377,680	4,840,493	7,218,173
<b>TOTAL</b>	<b>17,095,115</b>	<b>15,035,194</b>	<b>32,130,309</b>	<b>79,653,041</b>	<b>43,806,718</b>	<b>130,435,525</b>	<b>253,895,284</b>	<b>43,120,117</b>	<b>118,581,084</b>	<b>161,701,201</b>

<sup>1</sup> 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<sup>1</sup> (in dollars)**

Sheet 2 of 4

Calendar Year	SAN JOAQUIN VALLEY AREA								
	Dudley Ridge	Empire	Future Contractor San Joaquin Valley	Kern		Kings	Oak Flat	Tulare	Total
				Municipal and Industrial	Agricultural				
	[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	195,683	10,411	0	473,993	4,043,627	13,112	11,761	956,653	5,705,239
2000	194,868	5,791	0	150,870	4,259,519	11,588	10,347	638,347	5,271,330
2001	787,383	25,556	0	156,315	11,851,444	29,314	45,773	1,119,234	14,015,019
2002	425,666	12,227	0	183,569	8,013,811	24,836	29,691	839,776	9,529,575
2003	453,639	14,136	0	493,523	9,967,581	36,345	28,691	1,041,918	12,035,833
2004	520,408	37,769	0	1,406,548	8,941,409	95,991	33,665	861,595	11,897,384
2005	979,573	45,897	0	838,412	17,679,307	237,098	34,100	1,675,969	21,490,356
2006	719,318	32,753	0	995,639	13,811,204	95,104	29,053	1,079,845	16,762,915
2007	621,784	28,709	0	774,011	12,144,363	79,645	32,997	1,199,664	14,881,172
2008	380,804	16,263	0	758,463	7,720,180	65,877	24,583	582,248	9,548,418
2009	191,017	9,308	0	65,782	5,123,824	30,527	11,769	331,320	5,763,548
2010	403,762	44,124	0	144,037	9,138,524	65,686	27,417	785,379	10,608,929
2011	933,415	29,454	0	710,131	19,628,670	103,162	29,363	851,153	22,285,349
2012	271,281	33,210	0	534,102	11,583,129	109,688	32,791	1,322,095	13,886,297
2013	495,479	28,707	0	620,817	11,996,975	85,096	36,114	808,436	14,071,623
2014	524,070	14,468	0	218	7,092,279	35,178	29,850	250,346	7,946,410
2015	445,070	17,848	0	498,828	9,334,046	35,152	22,411	495,827	10,849,183
2016	453,089	39,484	0	279,749	13,592,988	79,314	28,017	918,551	15,391,192
2017	1,084,398	33,849	0	832,561	25,715,339	153,172	39,474	1,205,995	29,064,787
2018	759,997	35,496	0	107,910	14,116,018	82,838	36,192	879,885	16,018,335
2019	689,345	40,447	0	302,530	22,299,846	108,348	32,259	2,015,346	25,488,122
2020	317,265	22,606	0	352,765	9,557,462	87,232	31,315	490,482	10,859,127
<b>2021</b>	<b>662,991</b>	<b>45,603</b>	<b>0</b>	<b>2,054,714</b>	<b>17,476,314</b>	<b>144,665</b>	<b>60,146</b>	<b>1,329,656</b>	<b>21,774,090</b>
2022	678,755	46,687	0	2,079,661	17,720,341	147,979	62,704	1,361,270	22,097,397
2023	680,001	46,773	0	2,125,513	17,405,345	146,341	61,132	1,363,771	21,828,875
2024	610,205	41,972	0	1,953,298	15,911,329	131,462	52,382	1,223,790	19,924,438
2025	669,205	46,030	0	2,101,288	17,194,571	144,061	59,551	1,342,117	21,556,824
2026	598,268	41,151	0	1,926,775	15,674,619	128,927	50,721	1,199,850	19,620,311
2027	537,658	36,982	0	1,805,579	14,524,762	115,997	42,273	1,078,295	18,141,547
2028	724,291	49,819	0	2,216,139	18,264,051	155,810	67,083	1,452,596	22,929,790
2029	644,459	44,328	0	2,043,801	16,682,321	138,781	56,363	1,292,489	20,902,542
2030	606,161	41,694	0	1,946,047	15,843,075	130,611	51,707	1,215,680	19,834,975
2031	717,124	49,326	0	2,243,552	18,350,204	154,284	64,773	1,438,221	23,017,485
2032	567,276	39,019	0	1,835,920	14,933,031	122,315	47,339	1,137,695	18,682,596
2033	637,448	43,846	0	2,062,237	16,721,584	137,287	54,373	1,278,427	20,935,202
2034	696,355	47,898	0	2,132,974	17,588,645	149,850	64,075	1,396,568	22,076,365
2035	669,764	46,069	0	2,205,283	17,749,479	144,182	56,545	1,343,239	22,214,560
<b>TOTAL</b>	<b>25,050,568</b>	<b>1,420,946</b>	<b>0</b>	<b>48,717,524</b>	<b>577,839,934</b>	<b>3,958,139</b>	<b>1,735,292</b>	<b>46,398,293</b>	<b>705,120,697</b>

<sup>1</sup> 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<sup>1</sup> (in dollars)**

Calendar Year	SOUTHERN CALIFORNIA AREA									
	AVEK	Coachella	Crestline	Desert	Littlerock	Mojave	Palmdale	San Bernardino	San Gabriel	San Gorgonio
	[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	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	780	0	12,785	0	4,496	1,515	0	32,107	0	0
1973	286	102,812	6,896	159,536	3,855	0	0	301,444	0	0
1974	15,558	100,955	9,890	157,742	4,932	221	0	177,173	5,961	0
1975	99,186	108,253	12,758	170,111	6,391	0	0	136,066	50,723	0
1976	385,090	135,276	17,835	213,594	8,164	0	0	139,354	65,476	0
1977	199,166	0	23,598	0	1,974	1,702	0	239,663	74,838	0
1978	581,729	174,116	20,875	264,178	2,731	0	0	37,043	67,462	0
1979	1,058,904	228,437	28,603	340,510	2,328	90,803	0	236	3,668	0
1980	1,390,117	256,759	29,229	401,038	3,667	94,362	0	0	16,504	0
1981	1,480,362	274,149	33,632	430,304	23,861	90,590	0	254,649	57,523	0
1982	923,973	292,674	27,190	461,216	0	230,608	0	126,461	189,895	0
1983	333,772	172,336	10,792	272,477	385	0	0	(71,602)	(8,768)	0
1984	485,847	273,597	19,572	433,785	15	0	0	(66,353)	(91,433)	0
1985	821,069	413,406	34,603	657,011	0	0	32,464	(47,544)	(32,348)	0
1986	1,109,047	728,808	60,274	1,160,650	5,548	0	105,375	69,170	101,843	0
1987	1,019,605	668,383	63,601	1,083,530	32,651	585	157,843	88,076	49,930	0
1988	1,019,793	688,891	66,914	1,134,141	11,991	300	50,654	92,465	38,688	0
1989	1,736,901	978,885	97,114	1,633,489	38,269	8,951	350,953	340,460	210,334	0
1990	2,442,558	1,402,619	110,934	2,313,410	90,472	0	446,408	599,573	530,099	0
1991	286,485	277,078	33,945	456,999	17,978	128,405	132,700	35,339	52,116	0
1992	587,340	240,119	11,952	396,022	4,871	241,338	78,306	(22,718)	(53,500)	0
1993	(190,611)	(809,033)	(2,389)	(1,334,429)	(3,246)	(61,112)	(29,466)	(157,452)	(519,798)	0
1994	1,841,902	189,616	34,480	312,714	41,201	731,185	315,446	122,829	204,783	0
1995	761,209	(251,547)	7,960	(414,889)	7,727	165,622	114,342	(7,579)	(140,714)	0
1996	1,883,530	508,274	18,313	838,330	16,510	289,044	385,745	49,537	133,848	0
1997	2,121,818	365,372	24,076	330,153	15,099	414,596	438,212	61,553	115,882	0
1998	(577,005)	(3,979,131)	(2,991)	(3,279,862)	(4,405)	(46,209)	(84,367)	(87,188)	(432,227)	0
1999	1,309,467	(633,767)	20,018	(729,435)	6,484	180,423	263,297	(161,631)	(222,717)	0
2000	1,743,925	(425,149)	24,166	(584,980)	0	283,085	189,047	(184,824)	(152,086)	0
2001	10,748,924	1,496,563	206,495	2,468,506	0	850,559	1,788,151	4,356,149	388,120	0
2002	3,940,517	737,683	162,410	1,216,924	0	332,521	1,250,873	3,146,998	1,094,131	0
2003	5,100,245	907,298	145,685	1,496,291	0	1,429,259	981,068	1,640,399	1,377,877	7,287
2004	5,218,767	1,018,471	192,767	1,395,500	0	1,344,202	1,061,772	3,812,245	825,907	98,114
2005	6,008,037	3,463,503	90,184	3,998,681	0	1,584,002	1,176,081	2,655,846	1,139,106	84,435
2006	6,435,505	7,059,933	56,471	2,914,919	0	3,169,772	1,000,104	2,155,121	949,331	423,773
2007	9,394,122	7,385,584	231,526	3,049,322	0	6,192,750	2,228,955	6,077,974	405,850	600,632
2008	5,837,461	4,833,042	114,611	2,615,449	3,042	3,538,967	1,734,466	4,009,847	752,868	719,161
2009	4,116,175	3,415,138	96,644	1,365,953	3,871	3,229,706	1,413,478	3,402,537	861,597	750,289
2010	6,171,356	7,525,268	42,100	2,783,016	0	4,662,917	1,157,373	4,795,987	1,711,774	1,095,127
2011	11,047,442	9,132,221	62,167	3,679,937	0	659,640	1,268,372	3,567,845	2,386,360	1,549,093
2012	10,124,786	11,590,047	80,927	4,468,138	0	1,559,236	2,005,909	9,803,820	2,185,277	1,626,118
2013	7,440,013	8,371,628	220,418	2,710,278	0	1,249,652	1,540,112	4,628,208	1,206,074	1,780,470
2014	3,672,568	2,574,663	296,572	643,171	0	849,317	1,763,898	2,507,832	253,016	1,478,065
2015	2,758,646	7,876,783	308,650	2,431,157	0	2,216,654	1,256,412	5,660,368	1,248,393	1,062,913
2016	6,842,657	11,066,440	211,672	3,602,687	0	4,484,836	1,838,856	10,817,066	2,647,423	2,601,602
2017	15,599,041	12,480,904	161,685	4,746,263	0	6,651,058	2,310,002	13,167,960	3,309,002	3,572,060
2018	9,924,410	23,407,533	241,282	8,193,049	0	1,136,921	1,838,531	8,374,087	2,926,579	3,540,131
2019	10,687,350	5,446,912	14,039	2,194,954	44,229	4,299,591	2,044,870	13,647,736	3,656,681	3,736,891
2020	3,932,482	22,265,248	476,946	7,407,169	86,307	2,007,972	880,294	4,874,642	928,604	2,289,072
<b>2021</b>	<b>17,795,493</b>	<b>15,493,841</b>	<b>776,061</b>	<b>6,243,452</b>	<b>282,162</b>	<b>7,881,018</b>	<b>3,839,861</b>	<b>11,496,118</b>	<b>3,225,317</b>	<b>3,231,612</b>
2022	17,537,786	15,207,724	763,723	6,128,158	278,061	7,769,747	3,784,043	11,283,918	3,165,757	3,072,947
2023	19,020,662	17,142,356	825,630	6,907,744	301,605	8,243,646	4,104,453	12,717,737	3,568,485	3,361,280
2024	18,395,150	16,527,259	798,539	6,659,882	291,679	7,966,989	3,969,369	12,261,522	3,440,441	3,293,912
2025	18,994,842	17,203,324	826,327	6,932,312	301,184	8,249,489	4,098,716	12,762,864	3,581,176	3,390,253
2026	18,359,023	16,520,326	798,889	6,657,088	291,100	7,976,152	3,961,493	12,256,410	3,438,998	3,304,360
2027	18,642,309	16,845,892	811,886	6,788,279	295,587	8,111,453	4,022,551	12,497,819	3,506,770	3,346,568
2028	18,882,896	17,028,529	820,415	6,861,876	299,415	8,182,385	4,074,646	12,633,303	3,544,790	3,366,561
2029	18,882,013	17,068,979	820,933	6,878,175	299,396	8,190,996	4,074,395	12,663,245	3,553,210	3,373,247
2030	18,423,119	16,604,456	801,828	6,690,990	292,116	8,006,795	3,975,316	12,318,774	3,456,511	3,315,145
2031	20,186,537	18,356,422	875,600	7,396,968	320,090	8,721,873	4,356,008	13,618,042	3,821,214	3,534,119
2032	17,645,711	15,861,032	768,100	6,391,417	279,789	7,668,562	3,807,568	11,767,332	3,301,754	3,222,223
2033	19,890,546	18,015,371	864,459	7,259,537	315,387	8,624,731	4,292,009	13,365,267	3,750,218	3,492,488
2034	18,197,042	16,418,828	791,104	6,616,188	288,538	7,892,648	3,926,625	12,180,974	3,417,869	3,290,150
2035	22,185,001	20,202,021	957,357	8,140,677	351,793	9,494,758	4,787,446	14,986,939	4,205,408	3,766,719
<b>TOTAL</b>	<b>452,910,435</b>	<b>409,033,376</b>	<b>16,570,727</b>	<b>173,211,451</b>	<b>4,969,300</b>	<b>177,276,790</b>	<b>94,561,037</b>	<b>304,009,235</b>	<b>83,547,871</b>	<b>77,376,819</b>

<sup>1</sup> 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<sup>1</sup> (in dollars)**

Sheet 4 of 4

Calendar Year	SOUTHERN CALIFORNIA AREA (continued)				FEATHER RIVER AREA				South Bay Area Future Contractor	Grand Total
	Santa Clarita <sup>2</sup>	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	30,401	0	0	30,401	0	0	0	0	0	1,117,912
1969	30,627	0	0	30,627	0	0	0	0	0	773,646
1970	39,430	0	0	39,430	0	0	0	0	0	1,103,799
1971	34,871	0	0	34,871	0	0	0	0	0	1,513,434
1972	47,571	848,011	0	947,266	0	0	0	0	0	3,297,202
1973	28,968	1,083,328	0	1,687,126	0	0	0	0	0	3,174,991
1974	28,982	1,872,297	0	2,373,712	0	0	0	0	0	3,926,489
1975	28,568	3,887,152	0	4,499,209	0	0	0	0	0	6,057,701
1976	38,365	5,485,263	0	6,488,418	0	0	0	0	0	8,477,311
1977	21,006	(796,686)	0	(234,739)	0	0	0	0	0	1,152,444
1978	45,550	3,696,428	0	4,890,112	0	0	0	0	0	7,632,606
1979	83,940	4,021,960	0	5,859,389	0	0	0	0	0	9,873,798
1980	51,143	5,362,245	0	7,605,064	0	0	0	0	0	10,425,875
1981	118,583	10,862,932	0	13,626,585	0	0	0	0	0	17,576,025
1982	132,575	7,685,168	0	10,069,760	0	0	0	0	0	13,566,611
1983	(335,712)	(8,994,497)	0	(8,620,817)	0	0	0	0	0	(7,441,457)
1984	(142,910)	(7,633,741)	0	(6,721,621)	0	0	0	0	0	(4,008,601)
1985	(335,343)	(15,739,366)	0	(14,196,048)	0	0	0	0	0	(10,310,371)
1986	54,812	1,135,478	0	4,531,005	0	0	0	0	0	11,629,559
1987	(40,745)	(3,007,097)	0	116,362	0	0	0	0	0	6,746,470
1988	(74,006)	(3,407,929)	0	(378,098)	0	0	0	0	0	6,351,151
1989	178,359	9,488,536	0	15,062,251	0	0	0	0	0	24,661,302
1990	422,502	30,759,725	204,582	39,322,882	0	0	0	0	0	48,184,400
1991	(3,054)	184,870	22,623	1,625,484	0	0	0	0	0	2,463,685
1992	(208,900)	(9,471,028)	0	(8,196,198)	0	0	0	0	0	(5,499,060)
1993	(491,161)	(21,473,875)	0	(25,072,572)	0	0	0	0	0	(24,652,636)
1994	66,338	4,059,683	0	7,920,177	0	0	0	0	0	13,514,307
1995	(247,735)	(4,895,977)	0	(4,901,581)	0	0	0	0	0	(99,701)
1996	72,171	1,859,275	0	6,054,577	0	0	0	0	0	15,893,938
1997	22,440	2,428,729	(921)	6,336,979	0	0	0	0	0	14,932,641
1998	(733,387)	(14,593,773)	(68,568)	(23,889,113)	0	0	0	0	0	(24,030,879)
1999	(448,290)	(9,194,693)	(30,003)	(9,640,848)	0	0	0	0	0	(2,621,509)
2000	(360,679)	(14,982,560)	6,226	(14,443,828)	0	0	0	0	0	(7,179,265)
2001	4,442,763	157,946,899	265,404	184,958,532	0	0	0	0	0	207,765,068
2002	1,972,925	59,841,457	279,778	73,976,216	0	0	0	0	0	88,828,838
2003	3,152,927	94,319,451	358,003	110,915,789	0	0	0	0	0	129,407,240
2004	3,252,013	107,156,248	416,820	125,792,825	0	0	0	0	0	144,109,361
2005	3,021,174	114,294,615	123,563	137,639,226	0	0	0	0	0	166,824,430
2006	2,267,127	83,188,003	93,385	109,713,444	0	0	0	0	0	133,123,414
2007	4,254,344	138,275,265	318,419	178,414,742	0	0	0	0	0	202,530,295
2008	3,787,162	83,673,640	409,647	112,029,363	0	0	0	0	0	129,116,948
2009	2,596,689	60,903,211	350,974	82,506,261	0	0	0	0	0	93,166,693
2010	2,755,830	89,821,474	402,744	122,924,965	0	0	0	0	0	140,006,243
2011	2,817,663	131,808,061	425,260	168,404,061	0	0	0	0	0	199,895,847
2012	3,549,784	103,464,475	480,008	150,938,527	0	0	0	0	0	172,643,696
2013	5,686,557	107,522,589	403,726	142,759,724	0	0	0	0	0	166,821,594
2014	5,146,067	70,203,891	17,917	89,406,976	0	0	0	0	0	106,252,367
2015	5,454,777	112,508,845	216,398	142,999,994	0	0	0	0	0	163,036,762
2016	5,015,534	167,126,887	522,767	216,778,427	0	0	0	0	0	244,615,582
2017	7,425,300	217,217,860	2,193,655	288,834,789	0	0	0	0	0	330,387,776
2018	6,697,085	109,043,077	308,339	175,631,024	0	0	0	0	0	205,405,771
2019	6,327,915	188,714,633	3,330,665	244,146,467	0	0	0	0	0	279,131,550
2020	10,859,217	82,203,472	1,949,545	140,160,972	0	0	0	0	0	162,569,903
<b>2021</b>	<b>10,860,074</b>	<b>204,293,387</b>	<b>2,387,636</b>	<b>287,806,031</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>325,656,064</b>
2022	10,717,645	201,149,709	2,357,990	283,217,205	0	0	0	0	0	321,405,187
2023	11,571,108	221,869,327	2,549,695	312,183,727	0	0	0	0	0	350,388,780
2024	11,121,474	213,461,883	2,453,692	300,641,791	0	0	0	0	0	336,610,708
2025	11,559,038	222,109,831	2,547,239	312,556,594	0	0	0	0	0	350,655,663
2026	11,156,909	213,712,575	2,459,963	300,893,286	0	0	0	0	0	336,594,547
2027	11,298,856	216,988,829	2,493,612	305,650,413	0	0	0	0	0	339,465,699
2028	11,498,333	220,562,668	2,532,421	310,288,235	0	0	0	0	0	350,119,682
2029	11,461,728	220,259,139	2,527,023	310,052,480	0	0	0	0	0	347,331,969
2030	11,203,682	214,717,040	2,469,941	302,275,713	0	0	0	0	0	338,245,326
2031	12,176,341	235,526,502	2,686,472	331,576,187	0	0	0	0	0	371,422,846
2032	10,737,413	205,403,119	2,367,106	289,221,127	0	0	0	0	0	323,806,138
2033	12,015,005	231,585,828	2,651,738	326,122,585	0	0	0	0	0	363,357,996
2034	11,106,104	212,837,010	2,445,249	299,408,330	0	0	0	0	0	338,222,150
2035	13,000,986	255,138,967	2,883,113	360,101,186	0	0	0	0	0	398,763,949
<b>TOTAL</b>	<b>260,122,827</b>	<b>5,549,379,724</b>	<b>50,813,844</b>	<b>7,653,783,437</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,806,630,928</b>

<sup>1</sup> B-18 includes Extra Peaking Charges for additional power shown in Table 9.

<sup>2</sup> Castaic Lake Water Agency's SWP Water Supply Contract was transferred to Santa Clarita Valley Water Agency effective November 2, 2018.



**TABLE B-19 Total Transportation Charge for Each Contractor<sup>1</sup> (in dollars)**

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	11,750	43,787	21,132	76,669	0	0	0
1963	0	0	0	193,920	190,272	447,723	831,915	0	0	0
1964	0	0	0	255,449	277,455	621,356	1,154,260	6,696	21,667	28,363
1965	0	0	0	364,163	404,324	1,158,090	1,926,577	13,756	36,029	49,785
1966	18,063	0	18,063	409,118	421,723	1,412,954	2,243,794	26,524	61,349	87,873
1967	41,574	0	41,574	527,991	498,441	1,686,098	2,712,530	56,469	118,263	174,731
1968	128,628	0	128,628	652,515	603,483	1,985,220	3,241,218	115,961	229,807	345,768
1969	254,715	0	254,715	775,723	539,340	2,083,253	3,398,316	185,156	358,861	544,017
1970	277,547	0	277,547	811,363	532,567	2,202,767	3,546,697	200,150	387,675	587,825
1971	227,474	0	227,474	776,750	552,113	2,169,897	3,498,760	202,413	392,912	595,325
1972	224,978	0	224,978	819,130	678,520	2,320,421	3,818,071	209,057	406,589	615,646
1973	221,091	31,366	252,457	784,687	549,393	2,338,620	3,672,700	206,557	402,724	609,281
1974	240,498	32,938	273,437	808,763	564,593	2,506,358	3,879,714	208,545	407,090	615,635
1975	237,459	36,291	273,750	859,193	605,731	2,409,923	3,874,847	225,895	439,873	665,768
1976	271,292	40,836	312,127	950,197	734,812	2,500,506	4,185,514	228,976	447,299	676,275
1977	293,627	45,096	338,723	914,660	713,558	2,476,399	4,104,618	238,699	468,721	707,420
1978	273,870	49,178	323,048	970,350	692,587	2,785,987	4,448,924	245,331	484,259	729,590
1979	289,479	53,340	342,819	1,035,800	736,358	2,813,578	4,585,736	243,110	483,437	726,547
1980	310,846	67,748	378,594	1,154,194	866,372	3,028,204	5,048,770	269,858	537,074	806,932
1981	347,781	87,408	435,189	1,120,139	879,357	2,917,582	4,917,077	288,997	586,257	875,254
1982	438,335	106,818	545,254	1,158,600	850,483	3,262,104	5,271,187	290,049	582,577	872,806
1983	354,787	151,259	506,046	1,170,720	900,363	3,795,446	5,866,529	319,214	633,181	952,395
1984	467,336	224,245	691,581	1,462,865	1,097,480	5,737,801	8,298,147	351,620	695,559	1,047,179
1985	736,074	364,305	1,100,379	1,913,443	1,789,369	6,551,546	10,254,358	394,593	776,994	1,171,586
1986	1,084,728	692,479	1,777,207	1,741,101	1,528,732	6,863,230	10,133,063	385,545	762,684	1,148,229
1987	1,773,801	1,559,243	3,333,044	2,231,376	2,011,876	6,675,355	10,918,607	385,289	812,310	1,197,599
1988	2,231,563	2,333,792	4,565,355	2,233,358	2,210,523	6,368,850	10,812,730	420,153	978,621	1,398,774
1989	2,397,272	3,326,436	5,723,708	2,149,746	1,872,030	5,916,714	9,938,490	414,224	1,162,723	1,576,947
1990	2,746,135	3,433,320	6,179,455	2,569,267	2,261,914	6,668,440	11,499,621	487,609	1,234,409	1,722,018
1991	2,748,636	3,682,311	6,430,947	1,748,620	1,621,188	4,527,928	7,897,736	491,419	1,476,387	1,967,806
1992	2,554,528	3,528,958	6,083,486	2,068,978	2,003,328	5,385,858	9,458,164	551,042	1,491,156	2,042,198
1993	2,592,888	3,504,240	6,097,128	2,873,872	2,011,222	6,511,865	11,396,959	610,115	1,675,438	2,285,553
1994	2,718,329	3,537,459	6,255,788	2,900,317	2,642,460	7,314,515	12,857,291	767,900	2,473,449	3,241,348
1995	2,649,273	3,509,935	6,159,208	3,028,544	2,289,027	5,893,667	11,211,239	995,341	4,977,122	5,972,462
1996	2,699,210	3,891,715	6,590,926	2,577,434	2,137,443	6,675,492	11,390,368	1,837,384	13,766,531	15,603,915
1997	2,641,891	3,631,175	6,273,066	2,650,564	2,007,332	6,551,469	11,209,365	2,294,917	21,860,553	24,155,470
1998	2,538,764	3,478,062	6,016,827	2,256,770	2,064,166	6,296,050	10,616,985	2,976,896	26,690,793	29,667,689
1999	2,683,387	3,833,119	6,516,506	2,866,909	2,437,215	8,336,951	13,641,075	3,025,727	27,466,891	30,492,619
2000	2,833,873	4,310,123	7,143,996	3,920,951	2,307,396	7,040,166	13,268,513	2,948,233	27,838,201	30,786,434
2001	3,349,932	4,916,183	8,266,115	7,318,054	2,795,685	8,451,441	18,565,180	3,501,499	29,990,590	33,492,089
2002	3,559,088	5,055,509	8,614,596	10,780,203	2,781,258	9,930,188	23,491,649	3,214,148	29,618,330	32,832,449
2003	3,668,513	5,396,549	9,065,063	7,416,860	2,507,040	8,729,606	18,653,506	3,294,613	29,872,238	33,166,850
2004	4,145,470	5,622,259	9,767,728	5,603,497	2,812,814	8,202,885	16,619,196	3,307,566	30,301,509	33,609,075
2005	3,505,027	5,132,770	8,637,798	5,974,510	2,967,415	8,980,247	17,922,173	3,432,436	30,414,226	33,846,662
2006	3,409,546	4,631,267	8,040,813	6,355,819	2,966,249	9,114,772	18,436,841	3,275,894	30,060,736	33,336,630
2007	3,603,776	5,103,496	8,707,272	8,274,752	3,481,959	10,366,954	22,123,665	3,425,718	31,264,770	34,690,489
2008	4,295,513	5,059,682	9,355,195	11,256,376	3,775,539	10,525,477	25,557,392	3,928,390	32,522,049	36,450,440
2009	4,730,337	5,110,584	9,840,921	12,462,359	3,306,729	10,273,899	26,042,986	3,728,667	30,837,534	34,566,201
2010	4,979,477	6,528,696	11,508,173	14,483,272	3,655,781	11,118,481	29,257,534	4,079,856	33,089,235	37,089,091
2011	5,347,154	6,921,306	12,268,460	17,697,626	4,338,708	12,933,133	34,969,467	4,153,934	34,140,833	38,294,768
2012	5,810,297	6,875,088	12,685,385	20,026,365	4,329,429	15,131,433	39,487,228	4,196,747	34,519,243	38,715,990
2013	5,458,818	6,613,467	12,072,285	22,036,148	5,073,141	15,137,698	42,246,986	4,419,214	35,921,272	40,340,486
2014	6,094,019	7,173,271	13,267,290	22,249,084	5,325,362	15,153,816	42,728,262	4,261,203	33,127,670	37,388,873
2015	6,202,831	7,128,884	13,331,715	23,558,406	4,780,531	16,535,596	44,874,534	4,847,800	35,110,565	39,958,365
2016	6,539,505	7,742,646	14,282,151	24,257,369	4,363,034	22,442,203	51,062,606	4,629,541	39,623,245	44,252,786
2017	5,591,229	6,303,196	11,894,425	24,958,207	4,788,105	19,101,692	48,848,004	4,756,915	43,397,592	48,154,507
2018	6,534,813	7,411,540	13,946,353	26,850,207	5,311,012	19,355,854	51,517,073	4,918,467	42,260,932	47,179,399
2019	6,369,344	7,058,762	13,428,105	26,097,319	4,884,327	14,668,410	45,650,055	4,666,468	39,140,146	43,806,614
2020	6,994,808	9,048,959	16,043,767	26,335,128	6,000,515	18,425,262	50,760,905	5,320,343	37,633,505	42,953,848
<b>2021</b>	<b>7,214,850</b>	<b>7,846,903</b>	<b>15,061,754</b>	<b>28,421,745</b>	<b>6,231,111</b>	<b>17,709,200</b>	<b>52,362,056</b>	<b>6,536,924</b>	<b>40,640,388</b>	<b>47,177,312</b>
2022	7,698,793	7,831,639	15,530,431	28,105,706	6,112,938	17,455,431	51,674,076	6,610,212	41,037,606	47,647,817
2023	7,253,920	8,472,627	15,726,547	28,451,736	6,238,167	17,752,436	52,442,338	7,075,404	42,408,791	49,484,195
2024	7,350,974	8,638,867	15,989,842	28,757,748	6,332,328	17,982,333	53,072,409	7,291,253	43,393,548	50,684,801
2025	7,378,765	8,686,008	16,064,774	28,956,811	6,423,807	18,216,902	53,597,519	7,362,035	43,607,915	50,969,950
2026	7,404,794	8,728,622	16,133,416	28,909,741	6,386,831	18,145,321	53,441,892	7,346,879	43,646,969	50,993,848
2027	7,434,136	8,772,647	16,206,783	28,872,258	6,354,412	18,082,350	53,309,020	7,339,525	43,701,063	51,040,589
2028	7,461,187	8,815,979	16,277,166	29,296,592	6,562,396	18,592,638	54,451,626	7,448,046	43,992,684	51,440,730
2029	7,490,571	8,861,076	16,351,647	29,225,944	6,512,180	18,488,532	54,226,656	7,432,236	44,031,103	51,463,339
2030	7,512,314	8,895,057	16,407,371	29,239,681	6,506,251	18,491,232	54,237,164	7,435,088	44,107,298	51,542,385
2031	7,530,082	8,923,904	16,453,986	29,504,509	6,630,014	18,800,267	54,934,790	7,510,384	44,322,871	51,833,255
2032	7,550,427	8,953,444	16,503,872	29,339,254	6,531,369	18,585,356	54,455,980	7,458,769	44,298,989	51,757,758
2033	7,552,725	8,957,213	16,509,937	29,528,440	6,616,832	18,802,182	54,947,453	7,520,309	44,504,361	52,024,670
2034	7,512,479	8,931,213	16,443,693	29,734,769	6,709,941	19,042,688	55,487,399	7,568,923	44,678,483	52,247,407
2035	7,400,729	8,837,971	16,238,699	29,715,997	6,685,602	18,995,274	55,396,873	7,584,199	44,785,976	52,370,175
<b>TOTAL</b>	<b>254,485,975</b>	<b>304,530,580</b>	<b>559,016,555</b>	<b>817,771,783</b>	<b>224,207,146</b>	<b>695,980,702</b>	<b>1,737,959,630</b>	<b>213,999,023</b>	<b>1,479,549,880</b>	<b>1,693,548,903</b>

<sup>1</sup> Capital charges repaid through bond debt service prior to 2019 exclude bond cover; 2020 and after includes both bond debt service and bond cover.

**TABLE B-19 Total Transportation Charge for Each Contractor<sup>1</sup> (in dollars)**

Sheet 2 of 4

Calendar Year	SAN JOAQUIN VALLEY AREA								
	Dudley Ridge	Empire	Future Contractor San Joaquin Valley	Kern		Kings	Oak Flat	Tulare	Total
				Municipal and Industrial	Agricultural				
	[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	193,279	9,333	54,588	445,439	1,584,964	13,770	12,005	216,193	2,529,570
1969	188,900	8,918	87,576	525,094	2,475,437	12,625	11,045	384,643	3,694,239
1970	211,751	15,685	94,675	573,998	3,016,267	12,790	13,600	314,140	4,252,905
1971	209,365	16,643	95,695	605,889	3,958,086	17,763	14,937	470,571	5,388,948
1972	233,204	17,511	98,788	631,615	5,195,762	15,220	21,696	1,148,752	7,362,548
1973	217,007	13,582	97,550	639,250	5,159,769	15,483	12,298	435,218	6,590,157
1974	303,896	13,551	98,460	698,247	5,490,479	15,590	13,448	641,265	7,274,937
1975	375,406	14,496	106,703	715,606	6,664,391	16,620	15,153	780,437	8,688,811
1976	324,385	15,042	108,084	774,291	7,043,002	16,993	16,912	601,868	8,900,577
1977	286,039	12,152	112,554	797,859	7,250,564	18,457	14,630	547,122	9,039,377
1978	376,213	4,441	115,521	890,945	8,745,750	18,921	18,708	543,387	10,713,886
1979	409,974	14,889	114,253	896,194	9,912,070	20,202	25,659	997,051	12,390,291
1980	432,639	13,239	125,950	888,893	10,511,694	20,749	25,361	781,701	12,800,226
1981	496,130	31,080	134,169	1,079,315	12,004,381	24,939	23,761	955,660	14,749,436
1982	490,639	14,230	135,057	1,004,667	12,880,780	22,955	23,264	795,615	15,367,207
1983	665,023	15,824	149,202	1,027,258	16,138,805	39,971	29,877	433,971	18,499,932
1984	938,963	16,238	164,505	2,063,179	24,301,086	54,427	60,564	822,702	28,421,665
1985	1,128,713	88,799	184,905	2,350,593	28,651,962	69,483	71,113	2,198,830	34,744,399
1986	1,294,154	35,255	180,445	2,365,159	31,231,593	80,769	77,012	2,242,487	37,506,874
1987	1,153,933	52,050	179,872	2,804,776	30,104,510	78,018	75,277	2,304,048	36,752,484
1988	1,140,745	62,845	193,735	2,750,424	30,058,766	74,168	61,191	2,264,240	36,606,113
1989	1,177,467	50,527	187,913	2,435,635	30,150,668	67,048	69,694	2,510,233	36,649,185
1990	883,721	35,689	221,392	2,541,316	28,297,333	51,058	50,142	1,942,336	34,022,985
1991	616,253	24,594	220,282	2,055,250	18,496,725	27,930	27,911	1,302,901	22,771,846
1992	988,366	40,430	241,455	2,369,788	26,794,846	55,795	51,965	1,980,041	32,522,687
1993	1,200,656	54,957	264,959	2,799,482	32,309,015	72,889	70,648	2,713,629	39,486,235
1994	1,055,746	45,083	306,359	2,808,829	30,184,826	60,460	58,415	2,189,559	36,709,276
1995	1,552,434	47,941	304,297	3,499,611	37,308,381	88,875	81,238	2,843,669	45,726,447
1996	1,379,423	49,573	389,203	3,560,139	37,260,930	86,092	74,886	4,389,560	47,189,806
1997	1,420,952	26,730	276,681	3,107,763	33,426,295	36,715	69,746	1,743,637	40,108,519
1998	1,264,836	35,685	381,847	2,654,434	30,183,420	41,835	61,042	1,873,881	36,496,979
1999	1,256,358	56,965	366,582	3,057,015	32,210,571	75,357	66,255	4,241,216	41,330,319
2000	1,097,669	39,366	303,341	2,322,844	27,326,608	61,948	55,895	2,858,441	34,066,112
2001	1,774,394	64,215	328,028	2,237,334	34,783,254	80,120	102,196	3,130,408	42,499,947
2002	1,354,264	45,011	321,344	2,334,754	29,797,173	73,468	78,994	2,619,274	36,624,282
2003	1,420,889	49,821	339,960	2,741,740	32,580,765	89,704	80,152	2,934,153	40,237,184
2004	1,478,106	79,197	342,620	3,760,286	31,204,149	236,920	82,766	2,440,873	39,624,916
2005	2,069,318	89,215	355,586	2,984,191	42,302,175	421,540	82,362	3,493,710	51,798,098
2006	1,819,102	76,203	295,459	3,287,808	38,333,644	255,223	79,832	2,844,928	46,992,199
2007	1,685,418	70,756	334,134	3,067,480	36,188,834	236,669	83,161	2,996,246	44,662,696
2008	1,540,317	63,080	471,763	3,455,832	35,485,504	250,002	81,288	2,471,382	43,819,168
2009	1,234,322	50,875	437,333	2,186,445	31,088,004	193,917	62,947	2,058,385	37,312,228
2010	1,460,319	106,954	507,046	2,356,389	36,603,436	251,310	84,576	2,667,923	44,037,953
2011	2,203,512	82,828	506,678	3,444,422	51,466,654	305,555	92,936	2,765,293	60,867,878
2012	1,286,152	89,520	467,872	3,234,165	41,238,089	318,620	92,824	3,495,595	50,222,837
2013	1,625,903	82,676	519,609	3,396,660	41,255,305	280,225	91,725	2,769,378	50,021,480
2014	1,623,558	66,756	630,817	2,787,343	36,559,083	228,744	93,727	2,132,578	44,122,606
2015	1,426,927	69,166	755,566	3,215,035	38,620,850	230,782	82,743	2,344,885	46,745,955
2016	1,404,411	90,266	484,953	2,928,666	40,162,862	265,060	86,944	2,732,690	48,155,851
2017	1,950,886	78,784	480,547	3,146,368	50,365,548	324,625	95,321	2,851,446	59,293,524
2018	1,702,668	85,565	615,802	2,548,818	41,758,920	265,218	96,727	2,672,755	49,746,474
2019	1,716,079	95,751	573,173	3,011,458	51,829,882	304,836	97,930	3,963,629	61,592,738
2020	1,306,684	81,304	668,968	3,241,027	41,084,034	297,002	105,546	2,546,340	49,330,904
<b>2021</b>	<b>1,728,011</b>	<b>102,592</b>	<b>684,874</b>	<b>5,028,745</b>	<b>49,875,072</b>	<b>353,132</b>	<b>128,511</b>	<b>3,336,661</b>	<b>61,237,598</b>
2022	1,727,648	103,138	708,513	5,184,296	49,725,625	359,150	128,929	3,337,692	61,274,991
2023	1,741,733	104,047	762,905	5,437,446	49,799,612	365,686	130,433	3,364,363	61,706,224
2024	1,679,783	99,753	831,805	5,764,136	48,540,224	363,534	122,248	3,239,230	60,640,713
2025	1,746,709	104,323	836,909	5,931,319	50,060,439	377,681	129,988	3,372,554	62,559,922
2026	1,683,776	99,960	842,366	5,776,624	48,779,831	364,111	121,733	3,245,434	60,913,836
2027	1,631,251	96,313	847,504	5,674,520	47,871,711	352,743	113,867	3,139,177	59,727,087
2028	1,826,051	109,678	850,909	6,105,335	51,855,155	394,088	139,265	3,528,929	64,809,410
2029	1,754,466	104,720	856,492	5,952,426	50,520,021	378,647	129,138	3,384,427	63,080,337
2030	1,724,497	102,623	862,160	5,874,345	49,929,837	372,077	125,081	3,323,381	62,314,000
2031	1,843,873	110,799	866,588	6,176,493	52,688,518	397,029	138,753	3,561,841	65,783,895
2032	1,702,523	101,041	872,654	5,794,412	49,525,414	366,778	121,930	3,277,394	61,762,146
2033	1,781,276	106,422	878,455	6,039,259	51,570,576	383,338	129,582	3,434,365	64,323,273
2034	1,848,852	111,033	884,035	6,127,339	52,696,811	397,492	139,907	3,568,907	65,774,376
2035	1,831,016	109,769	889,567	6,214,516	53,119,412	393,344	133,007	3,532,144	66,222,775
<b>TOTAL</b>	<b>83,298,930</b>	<b>4,077,499</b>	<b>28,056,639</b>	<b>204,666,740</b>	<b>2,165,596,160</b>	<b>11,914,286</b>	<b>5,062,414</b>	<b>157,047,371</b>	<b>2,659,720,039</b>

<sup>1</sup> Capital charges repaid through bond debt service prior to 2019 exclude bond cover; 2020 and after includes both bond debt service and bond cover.

**TABLE B-19 Total Transportation Charge for Each Contractor<sup>1</sup> (in dollars)**

Calendar Year	SOUTHERN CALIFORNIA AREA									
	AVEK	Coachella	Crestline	Desert	Littlerock	Mojave	Palmdale	San Bernardino	San Gabriel	San Gorgonio
	[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	726	0	0	0	51,729	0	0
1964	64,494	19,542	4,370	38,211	1,143	31,079	8,205	82,811	34,987	21,735
1965	121,484	34,348	7,194	42,701	2,082	55,096	15,222	135,069	35,344	21,866
1966	221,012	62,476	12,478	76,886	3,753	99,564	27,679	232,502	61,465	37,964
1967	427,622	121,269	23,472	148,839	7,284	193,330	54,023	433,350	115,574	71,283
1968	754,401	218,649	41,509	265,168	12,870	346,978	95,466	782,163	208,927	128,915
1969	1,090,136	334,105	61,226	394,024	18,693	518,832	138,063	1,205,834	321,755	198,764
1970	1,420,639	470,423	89,700	552,223	25,231	717,657	184,837	1,778,187	467,573	289,633
1971	1,760,670	627,331	128,360	754,065	31,837	963,768	231,280	2,538,219	659,414	409,327
1972	2,084,699	777,838	181,206	971,501	42,404	1,232,325	274,599	3,388,734	865,095	537,186
1973	2,177,324	920,218	183,713	1,184,696	43,482	1,300,994	287,315	3,971,543	946,686	587,963
1974	2,241,780	938,860	193,283	1,212,205	45,212	1,335,887	292,071	3,998,510	990,064	611,428
1975	2,419,858	983,580	206,040	1,280,804	48,490	1,407,219	304,281	4,159,094	1,088,341	644,621
1976	2,773,862	1,032,075	215,084	1,356,888	51,463	1,451,921	313,685	4,299,592	1,141,598	668,315
1977	2,717,286	929,532	226,032	1,194,916	47,348	1,526,020	329,365	4,553,831	1,197,216	696,515
1978	3,035,392	1,111,606	231,040	1,470,658	47,118	1,528,495	321,681	4,460,167	1,208,720	709,040
1979	3,589,381	1,180,841	237,955	1,569,175	48,396	1,658,657	332,472	4,422,382	1,152,375	712,866
1980	4,136,480	1,271,861	259,401	1,730,656	53,348	1,780,741	360,461	4,835,652	1,269,447	777,981
1981	4,469,204	1,355,504	271,181	1,850,802	77,806	1,909,754	391,869	5,224,182	1,357,680	806,031
1982	4,031,426	1,403,332	280,313	1,936,175	55,961	2,105,839	406,891	5,410,876	1,565,182	853,400
1983	5,224,176	1,997,502	333,081	2,280,959	69,381	2,184,262	494,688	6,020,929	1,556,652	952,131
1984	7,262,706	3,084,372	445,339	4,608,046	75,773	2,415,821	553,321	7,049,449	2,331,849	1,072,639
1985	8,979,937	3,882,496	540,388	5,883,196	79,232	2,529,164	759,052	7,740,359	2,378,394	1,120,854
1986	8,880,068	4,308,841	577,474	6,571,197	102,400	2,640,787	1,000,062	7,857,569	3,047,741	1,149,714
1987	8,897,753	4,164,707	604,982	6,418,841	211,809	2,675,587	1,026,398	9,224,608	3,034,142	1,172,015
1988	8,373,323	4,163,832	615,999	6,482,143	124,667	2,732,162	779,820	9,505,259	2,828,998	1,208,206
1989	8,750,651	3,808,646	586,595	5,952,262	170,570	2,681,110	1,442,627	8,944,266	2,930,395	1,194,911
1990	10,040,074	4,487,886	620,394	7,014,185	289,349	2,881,377	1,639,830	9,795,019	3,678,107	1,297,621
1991	6,542,001	2,996,131	567,450	4,550,559	175,137	3,641,646	1,294,608	8,921,839	3,035,638	1,354,921
1992	8,644,005	3,068,616	470,165	4,667,984	121,335	4,443,807	1,129,578	8,573,361	2,980,091	1,349,184
1993	9,028,570	3,267,678	472,817	4,993,632	157,747	4,323,649	1,347,511	9,505,683	3,320,012	1,507,550
1994	11,216,190	3,313,737	554,651	5,546,159	225,809	5,317,874	1,698,990	10,209,083	4,076,706	1,497,753
1995	10,817,875	4,087,603	509,163	6,340,703	155,561	4,406,312	1,527,248	9,443,228	3,715,377	1,520,622
1996	11,187,158	7,025,782	553,232	11,183,947	150,612	4,474,204	1,867,203	9,869,395	3,807,422	1,527,243
1997	11,437,950	6,588,591	579,281	7,422,990	144,833	4,778,780	1,869,307	11,280,683	4,037,862	1,744,883
1998	9,956,830	5,663,864	546,645	5,928,447	146,074	5,815,388	1,474,029	11,263,703	3,321,115	2,003,846
1999	11,484,048	4,685,317	634,878	6,039,649	146,348	6,023,472	1,858,637	12,462,115	4,179,119	2,373,431
2000	10,588,857	3,062,374	594,691	4,366,076	115,438	5,830,350	1,449,972	12,306,410	3,253,171	2,890,395
2001	20,607,925	4,100,681	797,527	6,349,945	127,791	6,522,603	3,342,504	18,909,129	3,395,382	4,571,962
2002	12,003,751	3,361,237	759,988	5,129,982	109,869	5,658,408	2,741,465	20,621,499	4,787,274	6,844,991
2003	13,367,514	3,480,415	729,620	5,324,825	115,323	7,312,579	2,278,700	19,443,483	4,950,854	8,606,514
2004	14,239,111	4,116,891	829,278	5,365,886	124,197	7,424,525	2,519,645	23,960,321	4,389,481	9,148,496
2005	14,655,594	17,796,642	654,120	10,294,124	114,290	7,226,666	2,571,112	22,099,848	4,655,736	9,531,816
2006	16,138,910	27,342,862	633,909	9,895,275	122,299	9,935,720	2,496,471	21,867,220	4,675,188	10,053,208
2007	19,665,365	26,161,128	881,933	9,381,576	126,760	13,765,437	4,039,338	28,185,556	3,836,175	10,808,791
2008	17,127,953	25,660,992	806,386	10,271,728	135,204	12,072,535	3,952,715	28,353,478	4,790,258	12,202,043
2009	14,844,608	23,304,443	780,967	8,133,723	133,355	11,729,306	3,675,931	28,359,226	5,260,355	12,663,454
2010	17,521,945	31,751,635	687,753	10,966,115	122,672	14,051,301	3,018,086	30,881,538	6,752,240	13,949,010
2011	23,805,466	33,198,062	744,584	11,908,657	136,173	7,635,656	3,016,895	28,347,163	7,438,363	15,049,147
2012	23,903,029	39,595,552	846,280	14,180,331	147,927	9,354,374	4,350,065	42,047,173	7,670,027	16,457,226
2013	19,261,936	31,803,650	1,056,723	10,803,348	165,496	9,337,829	3,462,604	34,015,853	5,890,838	17,861,991
2014	14,750,590	27,323,597	1,151,932	8,755,999	170,851	9,415,142	3,592,572	36,498,765	4,836,123	23,107,016
2015	12,731,814	30,466,346	1,130,765	10,098,596	163,488	10,914,274	2,768,389	43,871,065	5,895,305	27,680,737
2016	16,381,352	33,224,356	1,029,882	10,890,153	156,347	12,493,324	3,241,475	51,335,938	7,190,030	32,210,444
2017	24,477,943	32,352,982	932,241	11,405,254	147,171	14,091,033	3,618,116	56,882,482	7,553,600	36,697,260
2018	19,127,863	48,424,078	1,019,471	15,519,518	154,284	8,810,278	3,199,743	54,195,629	7,285,444	38,404,484
2019	20,244,804	29,815,929	794,220	9,590,004	199,811	12,300,822	3,441,222	61,796,225	8,055,167	40,293,058
2020	14,152,945	51,822,032	1,341,861	15,877,331	253,306	10,730,429	2,381,216	55,142,267	5,837,685	39,247,584
<b>2021</b>	<b>27,974,864</b>	<b>42,842,297</b>	<b>1,606,757</b>	<b>14,353,197</b>	<b>447,082</b>	<b>16,501,118</b>	<b>5,326,503</b>	<b>61,185,042</b>	<b>7,971,881</b>	<b>40,218,211</b>
2022	27,737,541	42,097,027	1,592,542	14,037,969	445,520	16,390,716	5,263,190	60,480,907	7,862,177	39,773,128
2023	29,595,532	46,293,686	1,690,669	15,337,393	477,297	17,157,274	5,634,463	62,932,864	8,477,458	40,375,731
2024	29,744,043	47,256,121	1,709,078	15,568,870	480,087	17,344,515	5,604,457	63,428,051	8,587,003	40,501,228
2025	30,396,953	47,996,487	1,739,416	15,862,917	490,486	17,662,221	5,741,578	64,041,665	8,742,050	40,641,482
2026	29,825,779	47,390,971	1,715,674	15,616,622	481,472	17,433,813	5,613,799	63,653,695	8,615,461	40,600,614
2027	30,175,519	47,823,350	1,733,226	15,785,450	487,078	17,620,997	5,684,623	64,044,651	8,706,928	40,693,263
2028	30,485,503	48,153,766	1,746,952	15,906,096	492,063	17,750,074	5,746,894	64,350,557	8,774,121	40,767,455
2029	30,549,489	48,348,732	1,752,918	15,971,640	493,140	17,817,994	5,756,241	64,561,201	8,814,315	40,830,327
2030	30,153,337	48,046,337	1,739,350	15,834,821	486,931	17,693,286	5,666,577	64,400,750	8,749,936	40,829,124
2031	31,900,270	49,850,293	1,814,070	16,549,413	514,642	18,417,464	6,045,155	65,802,702	9,124,944	41,091,800
2032	29,451,327	47,560,214	1,713,802	15,611,165	475,876	17,447,189	5,510,515	64,168,007	8,646,304	40,842,762
2033	31,697,570	49,827,454	1,812,990	16,507,122	511,555	18,438,472	5,996,581	65,904,323	9,113,981	41,162,997
2034	29,979,454	48,314,732	1,740,660	15,880,489	484,370	17,731,561	5,629,621	64,824,617	8,791,385	41,005,189
2035	33,972,849	52,212,341	1,909,563	17,434,020	547,682	19,373,971	6,493,082	67,766,822	9,597,131	41,531,880
<b>TOTAL</b>	<b>1,009,534,184</b>	<b>1,326,568,682</b>	<b>56,287,887</b>	<b>560,801,848</b>	<b>13,567,888</b>	<b>555,522,820</b>	<b>177,003,889</b>	<b>1,894,297,099</b>	<b>317,920,834</b>	<b>1,031,977,175</b>

<sup>1</sup> Capital charges repaid through bond debt service prior to 2019 exclude bond cover; 2020 and after includes both bond debt service and bond cover.

**TABLE B-19 Total Transportation Charge for Each Contractor<sup>1</sup> (in dollars)**

Sheet 4 of 4

Calendar Year	SOUTHERN CALIFORNIA AREA (continued)				FEATHER RIVER AREA				South Bay Area Future Contractor	Grand Total
	Santa Clarita <sup>2</sup>	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	1,622,219
1964	27,447	1,260,513	9,378	1,603,916	0	0	0	0	13,938	2,803,202
1965	53,007	2,180,589	17,766	2,721,767	0	0	405	405	28,937	4,807,069
1966	101,264	3,900,172	33,426	4,870,643	0	0	565	565	31,321	7,401,629
1967	210,814	7,693,703	68,155	9,568,718	0	0	562	562	47,718	12,839,702
1968	480,309	15,317,881	142,803	18,796,040	0	0	564	564	46,945	25,088,733
1969	728,746	23,153,064	215,209	28,378,452	0	0	3,191	3,191	52,963	36,325,893
1970	909,583	30,617,164	273,605	37,796,454	0	0	15,121	15,121	69,744	46,546,293
1971	1,095,142	39,958,997	342,425	49,500,836	0	0	16,001	16,001	55,532	59,282,875
1972	1,317,413	52,948,599	422,304	65,043,903	0	0	17,372	17,372	80,412	77,162,930
1973	1,335,030	57,273,225	435,655	70,647,843	0	0	17,334	17,334	54,219	81,843,991
1974	1,395,863	61,776,466	455,565	75,487,195	0	0	17,477	17,477	76,783	87,625,178
1975	1,466,477	66,756,784	478,403	81,243,992	0	0	18,406	18,406	84,547	94,850,121
1976	1,463,048	68,485,047	475,587	83,728,164	0	0	17,477	17,477	106,717	97,926,852
1977	1,533,737	66,234,179	507,063	81,693,040	0	0	18,232	18,232	98,618	96,000,027
1978	1,620,595	72,934,779	523,177	89,202,467	0	0	17,381	17,381	100,786	105,536,081
1979	1,657,203	72,666,594	526,405	89,754,701	0	0	20,579	20,579	119,352	107,940,025
1980	1,740,920	79,926,555	571,232	98,714,736	0	0	17,761	17,761	178,812	117,945,832
1981	1,996,872	91,261,394	636,404	111,608,682	0	0	21,193	21,193	185,347	132,792,177
1982	2,090,664	93,144,741	670,375	113,955,175	0	0	28,423	28,423	173,894	136,213,945
1983	2,355,319	101,787,700	803,591	126,660,372	0	0	19,276	19,276	220,926	152,725,475
1984	3,398,550	137,507,077	868,967	170,673,909	0	0	21,114	21,114	225,959	209,379,555
1985	3,785,074	172,916,230	908,769	211,503,144	0	0	20,239	20,239	340,322	259,134,426
1986	4,354,767	193,242,026	937,311	234,669,956	0	0	20,139	20,139	279,227	285,534,694
1987	4,197,552	178,764,439	908,034	221,300,866	0	0	19,742	19,742	345,116	273,867,458
1988	4,262,855	190,243,523	904,868	232,225,655	0	0	17,900	17,900	365,207	285,991,735
1989	4,144,197	193,235,261	932,599	234,774,090	0	0	19,158	19,158	422,329	289,103,907
1990	4,586,112	239,540,417	1,486,755	287,357,125	0	0	18,148	18,148	474,284	341,273,636
1991	3,555,044	179,950,983	1,141,118	217,727,074	0	0	21,018	21,018	214,683	257,031,109
1992	4,512,610	196,166,977	1,025,285	237,152,999	0	0	18,014	18,014	443,676	287,721,223
1993	4,144,025	169,493,328	1,068,135	212,630,338	0	0	20,999	20,999	599,571	272,516,784
1994	4,756,237	209,282,955	1,008,952	258,225,096	0	0	19,649	19,649	609,966	317,918,415
1995	5,014,076	173,420,265	1,061,324	222,019,354	0	0	20,277	20,277	534,971	291,643,958
1996	5,202,156	181,404,029	1,103,254	239,355,638	0	0	25,378	25,378	571,857	320,727,888
1997	4,968,877	186,736,527	1,216,560	242,807,122	0	0	24,820	24,820	428,638	325,007,000
1998	4,597,344	168,571,967	1,237,386	220,526,637	0	0	0	0	465,095	303,790,213
1999	5,021,001	191,239,148	1,257,653	247,404,815	0	0	0	0	571,383	339,956,718
2000	6,871,503	185,140,396	1,322,589	237,792,222	0	0	0	0	0	323,057,277
2001	12,486,464	374,039,724	1,616,021	456,867,658	0	0	0	0	0	559,690,989
2002	9,719,851	264,830,361	1,650,209	338,218,885	0	0	0	0	0	439,781,861
2003	10,763,413	292,850,922	1,668,182	370,892,344	0	0	20,800	20,800	0	472,035,747
2004	11,830,623	340,018,775	1,910,251	425,877,479	0	0	20,830	20,830	0	525,519,225
2005	10,883,812	313,177,979	1,398,398	415,060,137	0	0	20,827	20,827	0	527,285,694
2006	10,003,788	289,125,726	1,328,532	403,619,106	0	0	21,281	21,281	0	510,446,869
2007	13,420,642	374,507,503	1,872,842	506,653,046	0	0	20,893	20,893	0	616,858,061
2008	15,308,993	339,773,866	2,266,967	472,723,118	0	0	22,411	22,411	0	587,927,723
2009	13,022,439	303,283,330	2,071,229	427,262,366	0	0	18,220	18,220	0	535,042,923
2010	12,700,410	348,485,718	2,103,183	492,991,606	0	0	18,447	18,447	0	614,902,804
2011	12,360,140	390,872,902	2,093,579	536,606,786	0	0	20,129	20,129	0	683,027,486
2012	14,351,041	373,716,596	2,331,355	548,950,976	0	0	18,468	18,468	0	690,080,884
2013	16,998,097	363,932,012	2,271,132	516,861,510	0	0	17,664	17,664	0	661,560,411
2014	15,799,771	315,577,007	1,817,313	462,796,677	0	0	17,491	17,491	0	600,321,199
2015	15,066,776	334,722,815	1,891,527	497,401,897	0	0	17,085	17,085	0	642,329,552
2016	13,884,458	378,782,803	2,188,987	563,009,551	0	0	22,212	22,212	0	720,785,156
2017	16,283,037	431,315,498	3,904,604	639,661,222	0	0	16,925	16,925	0	807,868,607
2018	15,553,145	323,789,674	1,939,871	537,423,482	0	0	64,390	64,390	0	699,877,171
2019	15,737,213	411,223,865	5,087,752	618,580,093	0	0	27,166	27,166	0	783,084,772
2020	20,827,797	330,845,398	3,787,687	552,247,539	0	0	19,858	19,858	0	711,356,822
<b>2021</b>	<b>19,724,237</b>	<b>415,369,939</b>	<b>3,941,284</b>	<b>657,462,412</b>	<b>0</b>	<b>0</b>	<b>18,633</b>	<b>18,633</b>	<b>0</b>	<b>833,319,765</b>
2022	21,506,306	465,434,198	4,439,288	707,060,510	0	0	17,244	17,244	0	883,205,069
2023	21,743,055	471,554,911	4,477,241	725,747,573	0	0	17,551	17,551	0	905,124,430
2024	21,770,953	476,988,189	4,498,544	733,481,139	0	0	17,725	17,725	0	913,886,628
2025	22,265,022	486,541,041	4,601,705	746,723,023	0	0	17,900	17,900	0	929,933,087
2026	21,919,757	479,169,418	4,524,306	736,561,380	0	0	18,078	18,078	0	918,062,450
2027	22,119,057	483,623,792	4,567,940	743,065,873	0	0	18,255	18,255	0	923,367,607
2028	22,367,319	488,442,948	4,615,542	749,599,291	0	0	18,436	18,436	0	936,596,659
2029	22,369,790	489,193,003	4,615,820	751,074,611	0	0	18,618	18,618	0	936,215,208
2030	22,112,692	484,112,714	4,555,978	744,381,834	0	0	18,803	18,803	0	928,901,557
2031	23,021,242	503,874,291	4,754,709	772,760,996	0	0	18,989	18,989	0	961,785,911
2032	21,610,543	474,828,771	4,438,945	732,305,421	0	0	19,178	19,178	0	916,804,354
2033	22,896,115	501,410,653	4,722,653	770,002,466	0	0	19,368	19,368	0	957,827,167
2034	22,026,313	483,405,124	4,521,960	744,335,476	0	0	19,561	19,561	0	934,307,911
2035	23,981,624	526,891,321	4,970,048	806,682,333	0	0	19,755	19,755	0	996,930,611
<b>TOTAL</b>	<b>709,387,365</b>	<b>18,282,537,288</b>	<b>139,443,672</b>	<b>26,074,850,632</b>	<b>0</b>	<b>0</b>	<b>1,237,107</b>	<b>1,237,107</b>	<b>8,735,637</b>	<b>32,735,068,503</b>

<sup>1</sup> Capital charges repaid through bond debt service prior to 2019 exclude bond cover; 2020 and after includes both bond debt service and bond cover.

<sup>2</sup> Castaic Lake Water Agency's SWP Water Supply Contract was transferred to Santa Clarita Valley Water Agency effective November 2, 2018.

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 2020 at 4.610 percent per annum)

Procedure	Capital Cost Component		Minimum Operation, Maintenance, Power and Replacement Component <sup>1</sup>		Total Delta Water Rate	
	[1]		[2]		[3]	
<b>Commencing in 2021</b>						
Total Costs of "Initial" Project Conservation Facilities to be Reimbursed and Project Water Table A Amounts During the Project Repayment Period	\$10,891.05 <sup>a</sup>	558.19 af	\$9,604.65 <sup>b</sup>	558.19 af	\$20,495.70	558.19 af
Less, Project Power Revenues to be Realized During the Project Repayment Period	(\$5,560.99)		(\$5,544.89)		(\$11,105.88)	
Less, Delta Water Charges Paid and Project Water Table A Amounts, Prior to 2021	(\$3,845.66) <sup>c</sup>	(513.72) af	(\$1,739.04)	(513.72) af	(\$5,584.70)	(513.72) af
<b>TOTAL</b>	<b>\$1,484.40</b>	<b>44.48 af</b>	<b>\$2,320.72</b>	<b>44.48 af</b>	<b>\$3,805.12</b>	<b>44.48 af</b>
Rate Applicable in 2021	\$33.37 per acre-foot		\$52.18 per acre-foot		\$85.55 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 <sup>1</sup>		Total Delta Water Rate	
	[4]		[5]		[6]	
<b>Commencing in 2021</b>						
Total Costs of "Initial" Project Conservation Facilities to be Reimbursed and Project Water Table A Amounts during the Project Repayment Period	\$10,866.74 <sup>a</sup>	558.19 af	\$9,564.59 <sup>b</sup>	558.19 af	\$20,431.33	558.19 af
Less, Project Power Revenues to be Realized During the Project Repayment Period	(\$5,560.99)		(\$5,544.89)		(\$11,105.88)	
Less, Delta Water Charges Paid and Project Water Table A Amounts, Prior to 2021	(\$3,845.66) <sup>c</sup>	(513.72) af	(\$1,739.04)	(513.72) af	(\$5,584.70)	(513.72) af
<b>TOTAL</b>	<b>\$1,460.10</b>	<b>44.48 af</b>	<b>\$2,280.66</b>	<b>44.48 af</b>	<b>\$3,740.76</b>	<b>44.48 af</b>
Rate Applicable in 2021	\$32.83 per acre-foot		\$51.28 per acre-foot		\$84.11 per acre-foot	

<sup>1</sup> 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.

<sup>a</sup> 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.

<sup>b</sup> Includes conservation power costs and credits at San Luis Reservoir.

<sup>c</sup> 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)**

<b>Item</b>	<b>Capital Cost Component</b>	<b>Minimum Operation, Maintenance, Power and Replacement Component</b>	<b>Total Delta Water Rate</b>
	[1]	[2]	[3]
<b>Initial Conservation Facilities</b>			
Oroville Division			
Water Supply and Power Costs <sup>1</sup>	148.22	97.18	245.40
Less, Oroville Power Revenues	<u>-83.16</u>	<u>-39.10</u>	<u>-122.26</u>
<i>Subtotal</i>	65.05	58.09	123.14
Delta Facilities <sup>2</sup>	43.78	73.51	117.29
California Aqueduct portion			
Reach 1	8.80	16.23	25.03
Reach 2A	4.87	1.90	6.77
Reach 2B	2.52	1.40	3.92
Reach 3	<u>1.70</u>	<u>0.75</u>	<u>2.45</u>
<i>Subtotal</i>	17.89	20.28	38.17
San Luis Facilities	27.62	24.07	51.69
Planning and Preoperating Costs through 2019	6.82	0.00	6.82
45,000 acre-feet Relinquished Costs	0.55	0.90	1.45
Less, Capital Cost Credits	-3.30	0.00	-3.30
Less, Delta Water Charges paid prior to 2021	<u>-125.03</u>	<u>-124.67</u>	<u>-249.70</u>
Rate Applicable in 2021	33.37	52.18	85.55

<sup>1</sup>Includes revenue received from non-SWP water contractors.

<sup>2</sup>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)

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]
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	2,016,381	3,317,632	5,334,013	5,600,640	2,917,760	6,947,047	15,465,447	1,736,761	3,159,934	4,896,695
2019	2,033,904	3,346,465	5,380,369	5,649,314	2,943,117	7,007,422	15,599,853	1,751,856	3,187,396	4,939,252
2020	2,368,518	3,897,017	6,265,535	6,578,726	3,427,312	8,160,269	18,166,307	2,040,067	3,711,780	5,751,847
<b>2021</b>	<b>2,483,174</b>	<b>4,085,666</b>	<b>6,568,840</b>	<b>6,897,192</b>	<b>3,593,223</b>	<b>8,555,293</b>	<b>19,045,708</b>	<b>2,138,823</b>	<b>3,891,460</b>	<b>6,030,283</b>
2022	2,483,174	4,085,666	6,568,840	6,897,192	3,593,223	8,555,293	19,045,708	2,138,823	3,891,460	6,030,283
2023	2,483,174	4,085,666	6,568,840	6,897,192	3,593,223	8,555,293	19,045,708	2,138,823	3,891,460	6,030,283
2024	2,483,174	4,085,666	6,568,840	6,897,192	3,593,223	8,555,293	19,045,708	2,138,823	3,891,460	6,030,283
2025	2,483,174	4,085,666	6,568,840	6,897,192	3,593,223	8,555,293	19,045,708	2,138,823	3,891,460	6,030,283
2026	2,483,174	4,085,666	6,568,840	6,897,192	3,593,223	8,555,293	19,045,708	2,138,823	3,891,460	6,030,283
2027	2,483,174	4,085,666	6,568,840	6,897,192	3,593,223	8,555,293	19,045,708	2,138,823	3,891,460	6,030,283
2028	2,483,174	4,085,666	6,568,840	6,897,192	3,593,223	8,555,293	19,045,708	2,138,823	3,891,460	6,030,283
2029	2,483,174	4,085,666	6,568,840	6,897,192	3,593,223	8,555,293	19,045,708	2,138,823	3,891,460	6,030,283
2030	2,483,174	4,085,666	6,568,840	6,897,192	3,593,223	8,555,293	19,045,708	2,138,823	3,891,460	6,030,283
2031	2,483,174	4,085,666	6,568,840	6,897,192	3,593,223	8,555,293	19,045,708	2,138,823	3,891,460	6,030,283
2032	2,483,174	4,085,666	6,568,840	6,897,192	3,593,223	8,555,293	19,045,708	2,138,823	3,891,460	6,030,283
2033	2,483,174	4,085,666	6,568,840	6,897,192	3,593,223	8,555,293	19,045,708	2,138,823	3,891,460	6,030,283
2034	2,483,174	4,085,666	6,568,840	6,897,192	3,593,223	8,555,293	19,045,708	2,138,823	3,891,460	6,030,283
2035	2,483,174	4,085,666	6,568,840	6,897,192	3,593,223	8,555,293	19,045,708	2,138,823	3,891,460	6,030,283
<b>TOTAL</b>	<b>63,544,400</b>	<b>110,781,485</b>	<b>174,325,885</b>	<b>188,995,244</b>	<b>106,470,458</b>	<b>259,921,194</b>	<b>555,386,896</b>	<b>60,350,234</b>	<b>110,422,401</b>	<b>170,772,635</b>



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

Calendar Year	SAN JOAQUIN VALLEY AREA								
	Dudley Ridge	Empire	Future Contractor San Joaquin Valley	Kern		Kings	Oak Flat	Tulare	Total
				Municipal and Industrial	Agricultural				
	[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	3,150,486	205,003	0	9,350,725	58,919,991	646,423	395,981	6,076,651	78,745,260
2019	3,177,866	206,735	0	9,431,990	59,432,048	652,040	399,423	6,129,462	79,429,564
2020	3,374,271	240,881	0	10,983,721	69,209,686	759,313	465,136	7,137,868	92,170,876
<b>2021</b>	<b>3,537,614</b>	<b>252,318</b>	<b>0</b>	<b>11,515,425</b>	<b>72,560,010</b>	<b>796,070</b>	<b>487,652</b>	<b>7,483,401</b>	<b>96,632,490</b>
2022	3,537,614	252,318	0	11,515,425	72,560,010	796,070	487,652	7,483,401	96,632,490
2023	3,537,614	252,318	0	11,515,425	72,560,010	796,070	487,652	7,483,401	96,632,490
2024	3,537,614	252,318	0	11,515,425	72,560,010	796,070	487,652	7,483,401	96,632,490
2025	3,537,614	252,318	0	11,515,425	72,560,010	796,070	487,652	7,483,401	96,632,490
2026	3,537,614	252,318	0	11,515,425	72,560,010	796,070	487,652	7,483,401	96,632,490
2027	3,537,614	252,318	0	11,515,425	72,560,010	796,070	487,652	7,483,401	96,632,490
2028	3,537,614	252,318	0	11,515,425	72,560,010	796,070	487,652	7,483,401	96,632,490
2029	3,537,614	252,318	0	11,515,425	72,560,010	796,070	487,652	7,483,401	96,632,490
2030	3,537,614	252,318	0	11,515,425	72,560,010	796,070	487,652	7,483,401	96,632,490
2031	3,537,614	252,318	0	11,515,425	72,560,010	796,070	487,652	7,483,401	96,632,490
2032	3,537,614	252,318	0	11,515,425	72,560,010	796,070	487,652	7,483,401	96,632,490
2033	3,537,614	252,318	0	11,515,425	72,560,010	796,070	487,652	7,483,401	96,632,490
2034	3,537,614	252,318	0	11,515,425	72,560,010	796,070	487,652	7,483,401	96,632,490
2035	3,537,614	252,318	0	11,515,425	72,560,010	796,070	487,652	7,483,401	96,632,490
<b>TOTAL</b>	<b>117,990,452</b>	<b>7,782,769</b>	<b>0</b>	<b>337,938,833</b>	<b>2,209,049,750</b>	<b>21,069,396</b>	<b>14,680,093</b>	<b>237,883,554</b>	<b>2,946,394,847</b>

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

Calendar Year	SOUTHERN CALIFORNIA AREA									
	AVEK	Coachella	Crestline	Desert	Littlerock	Mojave	Palmdale	San Bernardino	San Gabriel	San Gorgonio
	[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	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	160,756	41,797	4,662	64,303	1,367	67,518	13,021	369,739	85,202	0
1973	222,207	51,552	7,279	79,994	2,577	95,104	26,131	54,908	14,338	0
1974	279,090	59,539	10,791	93,030	3,721	121,869	39,631	465,150	114,427	0
1975	319,822	63,964	13,250	100,515	4,752	140,722	50,989	479,733	119,705	0
1976	431,018	74,449	17,045	117,550	6,269	174,366	67,591	538,772	137,142	0
1977	469,922	79,144	19,079	122,180	6,861	189,848	77,255	540,410	139,097	0
1978	600,180	97,313	24,428	147,413	9,687	236,913	98,345	631,768	165,313	0
1979	720,173	115,033	29,836	171,470	11,889	284,640	117,285	714,457	189,760	0
1980	857,818	134,920	35,949	210,736	14,256	337,177	138,590	811,952	215,694	84,294
1981	1,355,100	218,713	57,637	343,292	22,946	534,813	211,396	1,237,658	330,644	140,930
1982	1,551,434	254,298	66,408	400,739	26,335	313,057	235,100	1,341,923	364,482	167,929
1983	1,110,994	184,283	47,759	291,367	19,002	434,517	163,925	943,775	252,096	124,148
1984	450,405	202,914	52,247	321,718	20,719	472,282	174,500	1,003,760	266,383	138,982
1985	565,881	240,344	61,540	381,970	24,474	551,734	200,605	1,152,983	308,405	166,935
1986	635,066	275,347	70,160	438,498	27,822	625,994	223,785	1,285,253	350,799	195,056
1987	652,450	288,131	73,104	467,095	29,064	648,002	228,654	1,319,729	364,779	207,598
1988	711,641	319,496	80,756	525,996	32,024	711,641	248,146	1,438,752	402,232	233,604
1989	2,083,593	362,565	91,333	605,021	36,301	803,932	276,155	1,607,864	454,180	268,530
1990	2,207,667	386,049	96,930	636,731	38,438	848,974	289,119	1,696,277	481,308	289,119
1991	2,454,678	409,704	102,869	675,746	40,793	900,994	306,835	1,819,725	510,800	306,835
1992	2,804,695	468,125	117,538	772,102	46,610	1,029,469	350,587	2,079,203	583,636	350,587
1993	2,811,318	469,230	117,815	773,925	46,720	1,031,900	351,415	2,084,113	585,014	351,415
1994	2,694,116	449,668	112,905	741,661	44,772	988,880	336,766	1,997,227	560,625	336,766
1995	2,883,156	481,220	120,826	793,702	47,914	1,058,269	360,394	2,137,369	599,963	360,394
1996	2,834,460	473,093	118,785	780,296	47,104	1,040,394	354,307	2,101,269	589,830	0
1997	3,133,957	523,081	131,336	862,744	52,082	1,150,325	391,745	2,323,295	652,153	0
1998	3,155,093	526,609	132,222	868,562	52,433	1,728,006	394,387	2,338,963	656,551	0
1999	3,262,870	544,598	136,739	898,233	54,224	1,787,034	407,859	2,418,863	678,979	47,152
2000	3,314,278	553,178	138,893	912,384	55,078	1,815,190	510,073	2,456,972	689,676	71,841
2001	3,315,004	553,299	138,924	912,584	55,090	1,815,587	510,185	2,457,510	689,827	95,809
2002	3,437,351	561,548	140,995	926,188	55,912	1,842,654	517,791	2,494,146	700,112	97,237
2003	3,365,016	549,731	138,028	906,698	54,735	1,803,877	506,894	2,441,659	685,379	118,989
2004	3,686,201	602,201	151,202	993,241	59,960	1,976,053	555,277	2,674,711	750,797	156,416
2005	3,650,179	596,316	149,725	983,535	59,374	1,956,744	549,850	2,648,574	743,459	167,795
2006	3,802,076	3,256,234	155,955	1,344,440	61,844	2,038,171	572,732	2,758,791	774,397	188,222
2007	3,855,524	3,302,008	158,148	1,363,339	62,714	2,066,822	580,783	2,797,573	785,284	204,501
2008	3,943,904	3,377,700	161,772	1,394,591	64,151	2,114,200	594,096	2,861,701	803,284	482,528
2009	4,310,140	3,691,358	176,795	1,524,095	70,109	2,310,528	649,264	3,127,443	877,878	527,337
2010	5,385,764	5,269,593	220,916	2,123,453	87,605	3,153,757	811,293	3,907,916	1,096,959	658,937
2011	5,928,431	5,800,554	243,174	2,337,412	96,432	3,471,528	893,038	4,301,676	1,207,488	725,331
2012	6,189,558	6,056,050	253,886	2,440,367	100,679	3,624,437	932,373	4,491,150	1,260,674	757,280
2013	6,550,942	6,409,638	268,709	2,582,850	106,557	3,836,054	986,811	4,753,371	1,334,279	801,494
2014	6,368,143	6,082,630	255,000	2,451,078	101,120	3,640,346	936,466	4,510,863	1,266,208	760,603
2015	8,666,793	8,278,222	347,045	3,335,822	137,621	5,133,874	1,274,493	6,139,108	1,723,258	1,035,151
2016	10,359,280	9,894,827	414,817	3,987,255	164,497	6,136,437	1,523,381	7,337,978	2,059,784	1,237,301
2017	9,976,357	9,529,073	399,484	3,839,869	158,416	5,909,610	1,467,071	7,066,735	1,983,645	1,191,565
2018	10,062,381	9,611,239	402,928	3,872,979	159,782	5,960,566	1,479,721	7,127,671	2,000,749	1,201,839
2019	10,149,831	9,694,768	406,431	3,906,638	161,170	6,012,368	1,492,581	7,189,615	2,018,138	1,212,284
2020	11,819,659	11,289,731	473,296	4,549,349	187,686	7,327,921	1,738,137	8,372,436	2,350,157	1,411,727
<b>2021</b>	<b>12,391,829</b>	<b>11,836,248</b>	<b>496,207</b>	<b>4,769,576</b>	<b>196,772</b>	<b>7,682,654</b>	<b>1,822,278</b>	<b>8,777,731</b>	<b>2,463,925</b>	<b>1,480,066</b>
2022	12,391,829	11,836,248	496,207	4,769,576	196,772	7,682,654	1,822,278	8,777,731	2,463,925	1,480,066
2023	12,391,829	11,836,248	496,207	4,769,576	196,772	7,682,654	1,822,278	8,777,731	2,463,925	1,480,066
2024	12,391,829	11,836,248	496,207	4,769,576	196,772	7,682,654	1,822,278	8,777,731	2,463,925	1,480,066
2025	12,391,829	11,836,248	496,207	4,769,576	196,772	7,682,654	1,822,278	8,777,731	2,463,925	1,480,066
2026	12,391,829	11,836,248	496,207	4,769,576	196,772	7,682,654	1,822,278	8,777,731	2,463,925	1,480,066
2027	12,391,829	11,836,248	496,207	4,769,576	196,772	7,682,654	1,822,278	8,777,731	2,463,925	1,480,066
2028	12,391,829	11,836,248	496,207	4,769,576	196,772	7,682,654	1,822,278	8,777,731	2,463,925	1,480,066
2029	12,391,829	11,836,248	496,207	4,769,576	196,772	7,682,654	1,822,278	8,777,731	2,463,925	1,480,066
2030	12,391,829	11,836,248	496,207	4,769,576	196,772	7,682,654	1,822,278	8,777,731	2,463,925	1,480,066
2031	12,391,829	11,836,248	496,207	4,769,576	196,772	7,682,654	1,822,278	8,777,731	2,463,925	1,480,066
2032	12,391,829	11,836,248	496,207	4,769,576	196,772	7,682,654	1,822,278	8,777,731	2,463,925	1,480,066
2033	12,391,829	11,836,248	496,207	4,769,576	196,772	7,682,654	1,822,278	8,777,731	2,463,925	1,480,066
2034	12,391,829	11,836,248	496,207	4,769,576	196,772	7,682,654	1,822,278	8,777,731	2,463,925	1,480,066
2035	12,391,829	11,836,248	496,207	4,769,576	196,772	7,682,654	1,822,278	8,777,731	2,463,925	1,480,066
<b>TOTAL</b>	<b>355,433,807</b>	<b>290,298,797</b>	<b>14,590,456</b>	<b>130,918,396</b>	<b>5,783,268</b>	<b>207,494,908</b>	<b>52,550,998</b>	<b>260,518,454</b>	<b>72,933,844</b>	<b>39,075,451</b>

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

Calendar Year	SOUTHERN CALIFORNIA AREA (continued)				FEATHER RIVER AREA				South Bay Area Future Contractor	Grand Total
	Santa Clarita <sup>1</sup>	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	13,060	0	0	13,060	0	1,050	875	1,925	0	583,631
1969	17,804	0	0	17,804	0	1,225	929	2,154	0	827,578
1970	37,905	0	0	37,905	0	3,848	1,995	5,843	0	2,160,886
1971	48,508	0	0	48,508	0	4,546	3,186	7,732	0	2,696,792
1972	74,751	2,043,211	0	2,926,327	0	4,929	3,778	8,707	0	7,206,052
1973	107,163	2,317,893	0	2,979,146	0	7,059	4,444	11,503	0	7,456,998
1974	143,266	4,231,933	0	5,562,447	0	8,336	4,931	13,267	0	10,683,514
1975	166,307	5,073,286	0	6,533,045	0	9,416	5,117	14,533	0	12,440,851
1976	207,673	6,422,167	0	8,194,042	0	7,004	5,780	12,784	0	15,299,760
1977	226,502	7,104,278	0	8,974,576	0	16,917	5,827	22,744	0	15,869,924
1978	274,819	9,016,389	0	11,302,568	0	12,635	6,844	19,479	0	19,425,531
1979	320,077	10,935,192	0	13,609,812	0	16,575	7,773	24,348	0	23,095,855
1980	376,845	13,102,796	12,396	16,333,423	0	19,834	8,801	28,635	0	27,557,096
1981	592,631	20,910,099	36,136	25,991,995	0	21,682	13,370	35,052	0	43,335,911
1982	664,082	23,998,560	57,248	29,441,595	0	16,117	14,694	30,811	0	49,027,703
1983	472,521	17,203,307	50,672	21,298,366	0	15,202	10,134	25,336	0	34,186,736
1984	509,602	18,766,458	64,344	22,444,314	20,590	15,442	10,681	46,713	0	37,051,405
1985	591,346	22,050,974	84,882	26,382,073	24,050	16,976	12,166	53,192	0	43,235,458
1986	659,259	25,089,658	120,965	29,997,662	31,753	18,145	13,457	63,355	0	49,817,447
1987	676,176	26,095,043	148,284	31,198,109	37,071	17,794	13,642	68,507	0	51,663,899
1988	742,582	28,781,238	201,116	34,429,224	46,722	18,565	14,852	80,139	0	57,062,086
1989	830,453	32,505,376	265,215	40,190,518	61,184	19,891	16,576	97,651	0	65,617,116
1990	869,029	33,616,369	334,242	41,790,252	63,506	20,055	17,381	100,942	0	68,658,631
1991	961,298	35,676,185	354,722	44,521,184	170,267	21,283	19,155	210,705	0	73,265,317
1992	1,098,371	40,763,329	405,303	50,869,555	194,545	24,318	22,697	241,560	0	83,873,685
1993	1,100,964	40,859,579	406,260	50,989,668	195,005	24,376	23,563	242,944	0	84,237,281
1994	1,055,065	39,156,173	389,323	48,863,947	186,875	23,360	23,360	233,595	0	80,866,329
1995	1,129,097	41,903,674	416,641	52,292,619	199,987	24,999	26,040	251,026	0	86,725,209
1996	1,110,027	41,195,923	409,604	51,055,092	196,610	24,576	26,624	247,810	0	83,007,946
1997	1,227,316	45,548,810	447,746	56,444,590	214,918	27,173	30,223	272,314	0	93,062,361
1998	1,235,593	45,855,992	450,529	57,394,940	107,459	27,356	31,537	166,352	0	93,159,618
1999	1,277,800	47,422,430	466,491	59,403,272	226,327	28,291	33,820	288,438	0	96,994,387
2000	2,279,763	48,169,576	478,942	61,445,844	229,892	69,207	35,708	334,807	0	98,699,723
2001	2,280,263	48,180,135	479,047	61,483,264	229,942	83,833	37,187	350,962	0	98,781,493
2002	2,314,256	48,898,394	486,188	62,472,772	233,371	85,083	39,185	357,639	0	100,275,854
2003	2,265,555	47,869,376	475,957	61,181,894	228,460	83,293	39,743	351,496	0	98,210,650
2004	2,481,798	52,438,419	521,386	67,047,662	250,266	92,048	0	342,314	0	107,579,616
2005	2,457,547	51,925,988	516,291	66,405,377	247,820	717,290	0	965,110	0	107,188,794
2006	2,559,814	51,397,939	537,776	69,448,391	258,133	32,606	8,699	299,438	0	110,967,023
2007	2,595,798	52,120,469	545,336	70,438,299	268,738	33,950	19,600	322,288	0	112,569,420
2008	2,655,301	53,315,217	557,837	72,326,282	274,736	794,785	56,138	1,125,659	0	116,229,451
2009	2,901,877	58,266,144	609,638	79,042,606	292,626	844,842	63,417	1,200,885	0	127,004,742
2010	3,626,059	72,806,845	761,778	99,910,875	365,653	1,054,033	81,825	1,501,511	0	158,911,895
2011	3,991,418	80,142,822	838,533	109,977,837	414,001	1,185,940	92,561	1,692,502	0	174,964,623
2012	4,167,227	83,672,846	875,468	114,821,995	424,826	1,216,951	100,037	1,741,814	0	182,648,119
2013	4,410,535	88,558,170	926,583	121,525,993	444,760	1,274,052	109,975	1,828,787	0	193,299,795
2014	4,185,518	84,040,101	879,310	115,477,386	431,273	1,235,416	108,033	1,774,722	0	183,479,164
2015	5,696,327	114,375,290	1,196,707	157,339,711	574,420	1,645,472	153,363	2,373,255	0	249,669,412
2016	6,808,728	136,710,965	1,430,405	188,065,655	686,595	1,966,807	190,584	2,843,986	0	298,433,393
2017	6,557,049	131,657,554	1,377,531	181,113,959	703,970	2,016,581	183,222	2,903,773	0	287,566,604
2018	6,613,589	132,792,806	1,389,410	182,675,660	671,729	1,924,226	184,502	2,780,457	0	289,897,532
2019	6,671,066	133,946,873	1,401,484	184,263,247	687,783	1,970,211	186,062	2,844,056	0	292,456,341
2020	7,768,576	155,983,533	1,632,054	214,904,262	783,386	2,244,074	216,793	3,244,253	0	340,503,080
<b>2021</b>	<b>8,144,639</b>	<b>163,534,433</b>	<b>1,711,058</b>	<b>225,307,416</b>	<b>821,308</b>	<b>2,352,706</b>	<b>227,085</b>	<b>3,401,099</b>	<b>0</b>	<b>356,985,836</b>
2022	8,144,639	163,534,433	1,711,058	225,307,416	821,308	2,352,706	227,085	3,401,099	0	356,985,836
2023	8,144,639	163,534,433	1,711,058	225,307,416	821,308	2,352,706	227,085	3,401,099	0	356,985,836
2024	8,144,639	163,534,433	1,711,058	225,307,416	821,308	2,352,706	227,085	3,401,099	0	356,985,836
2025	8,144,639	163,534,433	1,711,058	225,307,416	821,308	2,352,706	227,085	3,401,099	0	356,985,836
2026	8,144,639	163,534,433	1,711,058	225,307,416	821,308	2,352,706	227,085	3,401,099	0	356,985,836
2027	8,144,639	163,534,433	1,711,058	225,307,416	821,308	2,352,706	227,085	3,401,099	0	356,985,836
2028	8,144,639	163,534,433	1,711,058	225,307,416	821,308	2,352,706	227,085	3,401,099	0	356,985,836
2029	8,144,639	163,534,433	1,711,058	225,307,416	821,308	2,352,706	227,085	3,401,099	0	356,985,836
2030	8,144,639	163,534,433	1,711,058	225,307,416	821,308	2,352,706	227,085	3,401,099	0	356,985,836
2031	8,144,639	163,534,433	1,711,058	225,307,416	821,308	2,352,706	227,085	3,401,099	0	356,985,836
2032	8,144,639	163,534,433	1,711,058	225,307,416	821,308	2,352,706	227,085	3,401,099	0	356,985,836
2033	8,144,639	163,534,433	1,711,058	225,307,416	821,308	2,352,706	227,085	3,401,099	0	356,985,836
2034	8,144,639	163,534,433	1,711,058	225,307,416	821,308	2,352,706	227,085	3,401,099	0	356,985,836
2035	8,144,639	163,534,433	1,711,058	225,307,416	821,308	2,352,706	227,085	3,401,099	0	356,985,836
<b>TOTAL</b>	<b>226,275,541</b>	<b>4,867,932,279</b>	<b>48,705,650</b>	<b>6,572,511,849</b>	<b>22,998,869</b>	<b>56,380,265</b>	<b>5,747,161</b>	<b>85,126,295</b>	<b>0</b>	<b>10,504,518,407</b>

<sup>1</sup> Castaic Lake Water Agency's SWP Water Supply Contract was transferred to Santa Clarita Valley Water Agency effective November 2, 2018.

**TABLE B-22 Water System Revenue Bond Surcharge for Each Contractor<sup>1</sup> (in dollars)**

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	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	435,356	520,887	956,243	851,748	374,332	1,047,728	2,273,808	260,376	1,644,453	1,904,829
2017	401,057	480,649	881,706	843,557	345,672	966,381	2,155,610	240,390	1,517,572	1,757,962
2018	338,720	407,420	746,140	663,813	291,679	815,189	1,770,681	203,076	1,287,864	1,490,940
2019	475,087	572,818	1,047,905	933,259	411,075	1,149,033	2,493,367	285,188	1,802,011	2,087,199
2020	814,641	983,302	1,797,943	1,554,751	703,389	1,963,800	4,221,940	490,403	3,100,875	3,591,278
<b>2021</b>	<b>812,164</b>	<b>980,417</b>	<b>1,792,581</b>	<b>1,549,328</b>	<b>700,813</b>	<b>1,957,771</b>	<b>4,207,912</b>	<b>489,161</b>	<b>3,097,503</b>	<b>3,586,664</b>
2022	809,599	977,320	1,786,919	1,544,435	698,600	1,951,588	4,194,623	487,616	3,087,720	3,575,336
2023	828,534	1,000,179	1,828,713	1,580,557	714,939	1,997,232	4,292,728	499,021	3,159,937	3,658,958
2024	825,400	996,395	1,821,795	1,574,578	712,234	1,989,677	4,276,489	497,133	3,147,983	3,645,116
2025	811,813	979,994	1,791,807	1,548,659	700,510	1,956,925	4,206,094	488,950	3,096,165	3,585,115
2026	781,526	943,432	1,724,958	1,490,882	674,376	1,883,917	4,049,175	470,708	2,980,654	3,451,362
2027	813,597	982,146	1,795,743	1,552,061	702,049	1,961,224	4,215,334	490,024	3,102,967	3,592,991
2028	731,591	883,152	1,614,743	1,395,623	631,287	1,763,545	3,790,455	440,632	2,790,206	3,230,838
2029	752,327	908,184	1,660,511	1,435,180	649,180	1,813,531	3,897,891	453,122	2,869,293	3,322,415
2030	620,477	749,019	1,369,496	1,183,656	535,407	1,495,698	3,214,761	373,709	2,366,431	2,740,140
2031	619,951	748,384	1,368,335	1,182,652	534,953	1,494,430	3,212,035	373,392	2,364,424	2,737,816
2032	620,453	748,990	1,369,443	1,183,610	535,387	1,495,641	3,214,638	373,695	2,366,340	2,740,035
2033	619,847	748,259	1,368,106	1,182,454	534,864	1,494,179	3,211,497	373,330	2,364,028	2,737,358
2034	619,815	748,220	1,368,035	1,182,393	534,836	1,494,102	3,211,331	373,311	2,363,906	2,737,217
2035	619,124	747,385	1,366,509	1,181,074	534,239	1,492,435	3,207,748	372,894	2,361,269	2,734,163
<b>TOTAL</b>	<b>19,259,844</b>	<b>24,674,179</b>	<b>43,934,023</b>	<b>37,490,844</b>	<b>17,996,230</b>	<b>50,346,144</b>	<b>105,833,218</b>	<b>12,892,118</b>	<b>78,220,678</b>	<b>91,112,796</b>

<sup>1</sup>For years 1988 through 2019, charges are debt service only and do not include bond cover; 2020 charges and after include bond cover.

**TABLE B-22 Water System Revenue Bond Surcharge for Each Contractor<sup>1</sup> (in dollars)**

Sheet 2 of 4

Calendar Year	SAN JOAQUIN VALLEY AREA								
	Dudley Ridge	Empire	Future Contractor San Joaquin Valley	Kern		Kings	Oak Flat	Tulare	Total
				Municipal and Industrial	Agricultural				
	[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	278,950	14,593	0	759,888	5,962,338	46,008	27,523	541,874	7,631,174
2017	258,290	13,525	0	701,525	5,532,979	43,005	25,472	506,783	7,081,579
2018	218,340	11,422	0	591,662	4,666,806	35,882	21,535	424,302	5,969,949
2019	309,576	16,159	0	835,016	6,609,829	50,629	30,431	602,169	8,453,809
2020	528,665	27,768	0	1,432,915	11,298,222	87,085	52,320	1,029,251	14,456,226
<b>2021</b>	<b>528,049</b>	<b>27,705</b>	<b>0</b>	<b>1,427,065</b>	<b>11,282,062</b>	<b>86,576</b>	<b>52,128</b>	<b>1,028,505</b>	<b>14,432,090</b>
2022	526,381	27,617	0	1,422,558	11,246,428	86,303	51,963	1,025,257	14,386,507
2023	538,692	28,263	0	1,455,829	11,509,466	88,321	53,179	1,049,236	14,722,986
2024	536,655	28,157	0	1,450,322	11,465,927	87,987	52,978	1,045,267	14,667,293
2025	527,821	27,693	0	1,426,449	11,277,189	86,539	52,105	1,028,061	14,425,857
2026	508,129	26,660	0	1,373,231	10,856,463	83,310	50,162	989,706	13,887,661
2027	528,980	27,754	0	1,429,582	11,301,962	86,729	52,220	1,030,319	14,457,546
2028	475,662	24,956	0	1,285,489	10,162,793	77,987	46,956	926,469	13,000,312
2029	489,145	25,664	0	1,321,925	10,450,849	80,197	48,287	952,729	13,368,796
2030	403,419	21,166	0	1,090,249	8,619,271	66,142	39,825	785,577	11,025,829
2031	403,077	21,148	0	1,089,325	8,611,962	66,086	39,791	785,091	11,016,480
2032	403,403	21,165	0	1,090,207	8,618,940	66,140	39,823	785,727	11,025,405
2033	403,009	21,145	0	1,089,142	8,610,519	66,075	39,784	784,960	11,014,634
2034	402,989	21,143	0	1,089,086	8,610,075	66,072	39,782	784,919	11,014,066
2035	402,539	21,120	0	1,087,871	8,600,469	65,998	39,738	784,043	11,001,778
<b>TOTAL</b>	<b>14,440,464</b>	<b>721,296</b>	<b>0</b>	<b>36,893,154</b>	<b>276,638,196</b>	<b>2,070,092</b>	<b>1,351,993</b>	<b>27,866,757</b>	<b>359,981,952</b>

<sup>1</sup>For years 1988 through 2019, charges are debt service only and do not include bond cover; 2020 charges and after include bond cover.

**TABLE B-22 Water System Revenue Bond Surcharge for Each Contractor<sup>1</sup> (in dollars)**

Calendar Year	SOUTHERN CALIFORNIA AREA									
	AVEK	Coachella	Crestline	Desert	Littlerock	Mojave	Palmdale	San Bernardino	San Gabriel	San Geronio
	[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	27,032	7,656	44,492	2,154	55,996	16,240	151,182	39,907	24,019
1989	205,668	46,993	13,263	78,104	3,763	97,138	27,981	259,860	69,104	42,040
1990	185,010	42,449	11,905	69,970	3,385	87,327	24,956	231,650	61,851	38,023
1991	296,854	65,947	18,548	108,704	5,236	135,623	38,641	363,310	96,172	59,122
1992	402,015	89,358	25,192	147,297	7,053	183,813	52,160	491,537	130,372	80,131
1993	424,871	93,981	26,566	154,919	7,437	193,361	55,045	517,379	137,298	84,371
1994	424,023	94,502	26,865	155,776	7,431	194,191	54,968	525,394	139,422	85,698
1995	500,084	111,730	31,822	184,170	8,769	229,530	64,852	623,848	165,593	101,792
1996	606,388	135,428	38,634	223,237	10,640	278,178	78,696	760,333	201,821	124,074
1997	626,151	139,565	39,802	230,058	10,972	286,779	81,146	808,482	207,472	28,259
1998	602,091	134,202	38,273	221,218	10,550	275,761	78,028	777,418	199,501	27,174
1999	826,108	184,524	52,650	304,166	14,475	642,815	107,060	1,041,566	277,200	53,545
2000	940,325	210,453	60,212	346,906	16,486	736,157	121,898	1,191,538	316,860	70,117
2001	925,355	207,102	59,254	341,384	16,224	724,438	135,581	1,172,568	311,816	69,001
2002	974,814	213,483	61,079	351,902	16,724	746,758	139,071	1,208,696	321,423	71,126
2003	1,015,056	222,296	63,601	366,429	17,415	777,586	144,812	1,258,593	334,692	74,063
2004	1,016,092	222,523	63,666	366,803	17,432	778,379	144,960	1,259,877	335,033	74,138
2005	959,268	210,078	60,105	346,290	16,457	734,849	136,853	1,189,420	316,297	69,992
2006	1,038,026	1,213,645	65,040	501,286	17,809	795,182	148,089	1,287,074	342,266	75,738
2007	666,215	1,036,396	41,723	354,543	11,413	520,847	95,550	825,932	219,727	45,192
2008	999,433	1,157,440	61,924	478,719	17,175	757,686	144,009	1,367,672	325,069	250,631
2009	1,080,062	1,262,793	67,674	521,586	18,529	827,383	154,087	1,339,196	356,126	78,805
2010	1,033,467	1,283,384	64,754	524,108	17,731	824,481	147,438	1,281,421	340,762	75,405
2011	1,116,181	1,386,101	69,937	566,054	19,149	890,469	159,239	1,383,979	368,035	81,440
2012	1,090,934	1,073,158	67,263	523,945	18,453	731,452	154,732	1,323,822	351,925	215,055
2013	1,186,869	1,172,413	73,154	570,092	20,052	795,549	168,130	1,438,513	382,372	233,662
2014	1,345,233	1,276,763	79,660	621,395	21,838	866,523	183,142	1,568,301	416,868	254,740
2015	1,288,246	1,228,651	76,255	595,985	20,924	868,542	175,577	1,500,551	398,955	243,775
2016	1,287,598	1,232,122	76,009	595,354	20,895	867,266	175,457	1,495,424	397,690	242,979
2017	1,186,800	1,209,316	70,025	549,319	19,257	799,852	161,746	1,377,995	366,493	223,908
2018	1,000,779	967,480	59,054	464,006	16,235	675,054	136,374	1,161,768	308,992	188,763
2019	1,406,999	1,357,845	82,987	651,764	22,823	948,853	191,687	1,632,103	434,085	265,182
2020	2,399,719	2,322,312	141,024	1,110,574	38,873	1,683,202	326,815	2,772,218	737,671	450,529
<b>2021</b>	<b>2,384,196</b>	<b>2,302,386</b>	<b>139,663</b>	<b>1,100,987</b>	<b>38,591</b>	<b>1,671,669</b>	<b>324,423</b>	<b>2,745,788</b>	<b>730,914</b>	<b>446,336</b>
2022	2,376,666	2,295,114	139,222	1,097,510	38,469	1,666,389	323,398	2,737,116	728,605	444,926
2023	2,432,252	2,348,794	142,478	1,123,179	39,369	1,705,364	330,962	2,801,133	745,646	455,332
2024	2,423,051	2,339,908	141,939	1,118,930	39,220	1,698,912	329,710	2,790,536	742,826	453,610
2025	2,383,166	2,301,392	139,603	1,100,511	38,574	1,670,947	324,283	2,744,602	730,598	446,143
2026	2,294,256	2,215,532	134,394	1,059,454	37,135	1,608,608	312,185	2,642,207	703,341	429,499
2027	2,388,401	2,306,447	139,909	1,102,929	38,659	1,674,618	324,995	2,750,631	732,203	447,123
2028	2,147,665	2,073,971	125,807	991,760	34,762	1,505,826	292,238	2,473,384	658,402	402,056
2029	2,208,539	2,132,756	129,373	1,019,871	35,748	1,548,508	300,521	2,543,490	677,063	413,452
2030	1,821,478	1,758,977	106,700	841,132	29,483	1,277,122	247,853	2,097,727	558,404	340,992
2031	1,819,934	1,757,486	106,609	840,419	29,458	1,276,039	247,643	2,095,949	557,930	340,703
2032	1,821,408	1,758,909	106,696	841,100	29,482	1,277,073	247,843	2,097,647	558,382	340,979
2033	1,819,629	1,757,191	106,591	840,278	29,453	1,275,825	247,601	2,095,597	557,837	340,646
2034	1,819,535	1,757,100	106,586	840,235	29,451	1,275,759	247,588	2,095,489	557,808	340,628
2035	1,817,505	1,755,140	106,467	839,297	29,418	1,274,336	247,312	2,093,151	557,186	340,248
<b>TOTAL</b>	<b>61,078,681</b>	<b>52,492,568</b>	<b>3,667,613</b>	<b>27,428,147</b>	<b>1,011,031</b>	<b>42,418,015</b>	<b>8,373,575</b>	<b>72,393,067</b>	<b>19,206,015</b>	<b>10,085,162</b>

<sup>1</sup>For years 1988 through 2019, charges are debt service only and do not include bond cover; 2020 charges and after include bond cover.

TABLE B-22 Water System Revenue Bond Surcharge for Each Contractor<sup>1</sup> (in dollars)

Sheet 4 of 4

Calendar Year	SOUTHERN CALIFORNIA AREA (continued)				FEATHER RIVER AREA				South Bay Area Future Contractor	Grand Total
	Santa Clarita <sup>2</sup>	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	57,111	2,642,354	18,118	3,150,527	1,336	552	853	2,741	0	4,317,328
1989	98,720	4,587,641	34,565	5,564,840	0	918	1,454	2,372	0	7,583,021
1990	87,808	4,037,980	34,994	4,917,308	2,535	800	1,283	4,618	0	6,750,020
1991	140,371	6,259,893	54,115	7,642,536	9,945	1,243	2,027	13,215	0	10,510,679
1992	234,421	8,435,312	72,892	10,351,553	13,671	1,710	2,806	18,187	0	14,255,669
1993	247,076	8,885,273	76,858	10,904,435	14,608	1,827	3,026	19,461	0	15,068,309
1994	247,222	8,926,755	76,794	10,959,041	14,409	1,801	3,070	19,280	0	15,145,690
1995	290,998	10,539,430	90,436	12,943,054	16,958	2,119	3,705	22,782	0	18,013,188
1996	353,132	12,810,359	109,783	15,730,703	20,640	2,579	4,620	27,839	0	21,369,059
1997	362,776	13,168,230	112,960	16,102,652	21,382	2,674	4,872	28,928	0	21,970,360
1998	348,838	12,662,268	108,619	15,483,941	20,562	2,571	4,685	27,818	0	21,126,192
1999	479,470	17,454,651	149,123	21,587,353	28,348	3,543	6,765	38,656	0	29,200,538
2000	1,150,965	19,805,800	168,259	25,135,976	32,271	9,794	7,996	50,061	0	33,737,389
2001	1,132,642	19,490,499	165,580	24,751,444	31,757	9,638	7,869	49,264	0	33,419,720
2002	1,167,539	20,091,004	170,682	25,534,301	32,736	9,935	8,112	50,783	0	34,452,492
2003	1,215,738	20,920,403	177,728	26,588,412	34,087	10,345	8,446	52,878	0	35,874,763
2004	1,216,978	20,941,743	177,910	26,615,534	34,121	10,356	8,456	52,933	0	35,911,363
2005	1,148,920	19,770,593	167,960	25,127,082	32,213	9,776	7,983	49,972	0	33,903,044
2006	1,243,248	20,330,228	181,750	27,239,381	34,858	10,579	8,638	54,075	0	36,735,870
2007	820,799	12,752,863	116,415	17,507,615	22,362	7,007	5,579	34,948	0	23,537,874
2008	1,167,531	19,303,204	173,561	26,204,054	32,180	9,751	7,973	49,904	0	35,188,221
2009	1,293,596	21,153,536	189,110	28,342,483	36,270	11,008	8,988	56,266	0	38,172,245
2010	1,237,788	20,240,944	180,952	27,252,635	34,705	10,532	8,600	53,837	0	36,525,441
2011	1,336,855	21,860,932	195,434	29,433,805	37,482	11,375	9,289	58,146	0	39,448,763
2012	915,850	22,686,017	191,051	29,343,657	35,313	101,156	12,344	148,813	0	41,009,352
2013	996,745	23,602,562	207,636	30,847,749	38,359	109,882	13,628	161,869	0	43,244,214
2014	1,085,473	25,718,327	226,122	33,664,385	41,861	119,916	15,370	177,147	0	47,156,965
2015	1,039,717	24,614,514	216,476	32,268,168	40,374	115,656	15,317	171,347	0	45,203,527
2016	1,037,955	24,546,439	215,981	32,191,169	40,634	116,401	15,914	172,949	0	45,130,172
2017	957,063	22,620,590	198,956	29,741,320	37,618	107,762	14,712	160,092	0	41,778,269
2018	806,189	19,059,037	167,437	25,011,168	31,806	91,109	12,436	135,351	0	35,124,229
2019	1,132,290	26,781,888	235,142	35,143,648	44,930	128,706	17,513	191,149	0	49,417,077
2020	1,930,898	45,564,172	400,428	59,878,435	77,388	221,683	29,705	328,776	0	84,274,598
<b>2021</b>	<b>1,919,680</b>	<b>45,221,634</b>	<b>397,585</b>	<b>59,423,852</b>	<b>77,030</b>	<b>220,657</b>	<b>29,542</b>	<b>327,229</b>	<b>0</b>	<b>83,770,328</b>
2022	1,913,617	45,078,803	396,329	59,236,164	76,787	219,960	29,449	326,196	0	83,505,745
2023	1,958,374	46,133,133	405,599	60,621,615	78,583	225,105	30,137	333,825	0	85,458,825
2024	1,950,965	45,958,617	404,064	60,392,288	78,285	224,253	30,023	332,561	0	85,135,542
2025	1,918,851	45,202,100	397,413	59,398,183	76,997	220,562	29,529	327,088	0	83,734,144
2026	1,847,263	43,515,718	382,587	57,182,179	74,124	212,333	28,428	314,885	0	80,610,220
2027	1,923,066	45,301,400	398,286	59,528,667	77,166	221,046	29,594	327,806	0	83,918,087
2028	1,729,233	40,735,297	358,141	53,528,542	69,388	198,766	26,611	294,765	0	75,459,655
2029	1,778,246	41,889,905	368,293	55,045,765	71,355	204,400	27,365	303,120	0	77,598,498
2030	1,466,597	34,548,430	303,747	45,398,642	58,849	168,578	22,570	249,997	0	63,998,865
2031	1,465,354	34,519,134	303,489	45,360,147	58,799	168,435	22,550	249,784	0	63,944,597
2032	1,466,541	34,547,101	303,735	45,396,896	58,847	168,571	22,569	249,987	0	63,996,404
2033	1,465,108	34,513,350	303,439	45,352,545	58,790	168,406	22,547	249,743	0	63,933,883
2034	1,465,033	34,511,570	303,423	45,350,205	58,787	168,398	22,545	249,730	0	63,930,584
2035	1,463,398	34,473,065	303,084	45,299,607	58,721	168,210	22,520	249,451	0	63,859,256
<b>TOTAL</b>	<b>52,714,048</b>	<b>1,188,414,698</b>	<b>10,393,041</b>	<b>1,549,675,661</b>	<b>1,980,227</b>	<b>4,212,384</b>	<b>680,013</b>	<b>6,872,624</b>	<b>0</b>	<b>2,157,410,274</b>

<sup>1</sup> For years 1988 through 2019, charges are debt service only and do not include bond cover; 2020 charges and after include bond cover.

<sup>2</sup> Castaic Lake Water Agency's SWP Water Supply Contract was transferred to Santa Clarita Valley Water Agency effective November 2, 2018.



**TABLE B-23 Total Transportation and Delta Water Charge for Each Contractor<sup>1</sup> (in dollars)**

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	11,750	43,787	21,132	76,669	0	0	0
1963	0	0	0	193,920	190,272	447,723	831,915	0	0	0
1964	0	0	0	255,449	277,455	621,356	1,154,260	6,696	21,667	28,363
1965	0	0	0	364,163	404,324	1,158,090	1,926,577	13,756	36,029	49,785
1966	18,063	0	18,063	409,118	421,723	1,412,954	2,243,794	26,524	61,349	87,873
1967	41,574	0	41,574	541,991	548,491	1,863,198	2,953,680	56,469	118,263	174,731
1968	128,628	0	128,628	671,671	633,184	2,178,465	3,483,320	115,961	229,807	345,768
1969	254,715	0	254,715	806,047	583,436	2,298,736	3,688,219	185,156	358,861	544,017
1970	277,547	0	277,547	892,271	640,297	2,787,967	4,320,535	200,150	387,675	587,825
1971	227,474	0	227,474	834,070	675,193	2,807,017	4,316,280	202,413	392,912	595,325
1972	224,978	0	224,978	918,798	822,397	3,027,749	4,768,944	209,057	406,589	615,646
1973	221,091	31,366	252,457	905,567	716,492	3,120,787	4,742,846	206,557	402,724	609,281
1974	240,498	32,938	273,437	946,447	746,932	3,325,022	5,018,401	208,545	407,090	615,635
1975	237,459	36,291	273,750	1,005,397	793,055	3,214,046	5,012,498	225,895	439,873	665,768
1976	271,292	40,836	312,127	1,118,686	943,464	3,362,542	5,424,691	228,976	447,299	676,275
1977	293,627	45,096	338,723	1,087,591	922,203	3,303,461	5,313,256	238,699	468,721	707,420
1978	273,870	49,178	323,048	1,176,728	935,818	3,712,581	5,825,127	245,331	484,259	729,590
1979	289,479	53,340	342,819	1,273,571	1,009,566	3,819,533	6,102,670	243,110	483,437	726,547
1980	310,846	86,073	396,919	1,426,911	1,173,798	4,119,071	6,719,780	282,254	540,553	822,807
1981	347,781	112,848	460,629	1,535,703	1,349,125	4,507,566	7,392,393	307,065	596,671	903,736
1982	438,335	141,835	580,171	1,616,588	1,369,536	4,941,393	7,927,517	328,215	682,545	1,010,760
1983	354,787	163,294	518,081	1,487,423	1,260,138	4,910,241	7,657,802	357,218	702,083	1,059,301
1984	467,336	246,698	714,034	1,797,452	1,478,394	6,870,249	10,146,096	409,529	801,057	1,210,586
1985	736,074	386,306	1,122,380	2,295,413	2,225,097	7,796,485	12,316,995	500,696	969,931	1,470,626
1986	1,120,086	714,246	1,834,332	2,164,479	2,014,104	8,193,845	12,372,428	536,751	1,038,031	1,574,782
1987	1,773,801	1,582,227	3,356,028	2,661,400	2,505,662	7,980,255	13,147,317	570,644	1,148,974	1,719,618
1988	2,349,572	2,524,763	4,874,335	2,722,908	2,774,430	7,830,285	13,327,622	673,071	1,439,620	2,112,691
1989	2,548,764	3,701,385	6,250,149	2,706,942	2,515,471	7,578,850	12,801,263	772,570	1,814,759	2,587,329
1990	2,900,024	3,848,934	6,748,958	3,142,461	2,929,775	8,355,392	14,427,628	933,367	2,046,370	2,979,737
1991	2,941,321	4,170,227	7,111,548	2,414,118	2,384,246	6,430,834	11,229,198	979,709	2,366,841	3,346,550
1992	2,797,727	4,144,993	6,942,720	2,887,770	2,927,115	7,656,940	13,471,825	1,118,807	2,526,861	3,645,668
1993	2,855,497	4,172,491	7,027,988	3,744,198	2,977,354	8,849,995	15,571,547	1,185,665	2,726,057	3,911,722
1994	2,987,938	4,225,291	7,213,229	3,780,985	3,586,255	9,613,545	16,980,784	1,335,974	3,518,042	4,854,015
1995	2,961,322	4,405,219	7,366,541	4,029,491	3,313,350	8,393,828	15,736,670	1,647,817	6,195,415	7,843,231
1996	3,045,021	4,898,210	7,943,232	3,637,077	3,178,398	9,228,554	16,044,028	2,592,043	15,232,542	17,824,586
1997	3,028,005	4,734,808	7,762,813	3,863,460	3,145,550	9,338,016	16,347,026	3,002,832	23,737,164	26,739,996
1998	2,936,062	4,588,897	7,524,960	3,470,110	3,201,607	9,077,806	15,749,522	3,254,940	28,393,640	31,648,580
1999	3,156,582	5,072,994	8,229,576	4,178,461	3,675,424	11,386,347	19,240,232	3,803,953	29,663,363	33,467,317
2000	3,463,380	5,623,325	9,086,705	5,810,119	3,598,049	10,229,605	19,637,773	3,765,269	30,291,477	34,056,746
2001	4,081,117	6,372,679	10,453,796	9,748,302	4,082,024	11,628,753	25,459,079	4,315,191	32,422,390	36,737,581
2002	4,329,536	6,572,789	10,902,324	13,286,567	4,091,231	13,167,304	30,545,102	4,043,387	32,107,699	36,151,087
2003	4,447,723	6,917,268	11,364,992	9,908,514	3,807,457	11,948,846	25,664,817	4,120,206	32,395,489	36,515,694
2004	4,983,510	7,261,330	12,244,839	8,272,973	4,208,939	11,650,128	24,132,040	4,190,181	32,929,549	37,119,730
2005	4,332,169	6,738,265	11,070,435	8,666,410	4,335,996	12,355,021	25,357,428	4,295,770	32,950,021	37,245,791
2006	4,290,108	6,320,529	10,610,637	9,184,467	4,403,295	12,662,103	26,249,866	4,183,980	32,757,185	36,941,165
2007	4,405,395	6,664,809	11,070,204	10,914,704	4,824,670	13,644,608	29,383,982	4,259,867	33,480,867	37,740,767
2008	5,197,194	6,768,784	11,965,978	14,278,672	5,235,279	14,117,748	33,631,699	4,849,344	35,160,629	40,009,974
2009	5,732,748	6,991,291	12,724,039	15,607,444	4,907,147	14,215,304	34,729,894	4,736,132	33,757,085	38,493,217
2010	6,358,021	8,753,574	15,111,595	18,211,956	5,561,878	15,782,048	39,555,882	5,266,909	36,208,659	41,475,568
2011	6,858,941	9,363,848	16,222,789	21,788,374	6,430,512	18,048,885	46,267,771	5,455,725	37,632,227	43,087,953
2012	7,463,912	9,414,947	16,878,859	24,308,597	6,498,267	20,441,820	51,248,685	5,520,393	37,966,370	43,486,763
2013	7,219,745	9,317,008	16,536,753	26,591,350	7,379,005	20,784,109	54,754,463	5,827,056	39,612,300	45,439,356
2014	7,824,556	9,812,202	17,636,758	26,687,894	7,563,978	20,654,043	54,905,915	5,632,101	36,850,290	42,482,391
2015	8,376,034	10,507,091	18,883,125	29,236,300	7,668,995	23,572,457	60,477,753	6,604,451	39,481,451	46,085,902
2016	9,050,736	11,679,054	20,729,790	30,875,008	7,741,216	30,641,956	69,258,180	6,677,923	44,520,868	51,198,791
2017	7,991,428	10,073,115	18,064,543	31,354,524	8,026,593	26,955,730	66,336,847	6,719,219	48,048,083	54,767,302
2018	8,889,914	11,136,592	20,026,506	33,114,660	8,520,451	27,118,090	68,753,201	6,858,304	46,708,730	53,567,034
2019	8,878,335	10,978,045	19,856,379	32,679,892	8,238,519	22,824,865	63,743,275	6,703,512	44,129,553	50,833,065
2020	10,177,967	13,929,278	24,107,245	34,468,605	10,131,216	28,549,331	73,149,152	7,850,813	44,446,160	52,296,973
<b>2021</b>	<b>10,510,188</b>	<b>12,912,986</b>	<b>23,423,175</b>	<b>36,868,265</b>	<b>10,525,147</b>	<b>28,222,264</b>	<b>75,615,676</b>	<b>9,164,908</b>	<b>47,629,351</b>	<b>56,794,259</b>
2022	10,991,566	12,894,625	23,886,190	36,547,333	10,404,761	27,962,312	74,914,407	9,236,651	48,016,786	57,253,436
2023	10,565,628	13,558,472	24,124,100	36,929,485	10,546,329	28,304,961	75,780,774	9,713,248	49,460,188	59,173,436
2024	10,659,548	13,720,928	24,380,477	37,229,518	10,637,785	28,527,303	76,394,606	9,927,209	50,432,991	60,360,200
2025	10,673,752	13,751,668	24,425,421	37,402,662	10,717,540	28,729,120	76,849,321	9,989,808	50,595,540	60,585,348
2026	10,669,494	13,757,720	24,427,214	37,297,815	10,654,430	28,584,531	76,536,775	9,956,410	50,519,083	60,475,493
2027	10,730,907	13,840,459	24,571,366	37,321,511	10,649,684	28,598,867	76,570,062	9,968,372	50,695,490	60,663,863
2028	10,675,952	13,784,797	24,460,749	37,589,407	10,786,906	28,911,476	77,287,789	10,027,501	50,674,350	60,701,851
2029	10,726,072	13,854,926	24,580,998	37,558,316	10,754,583	28,857,356	77,170,255	10,024,181	50,791,856	60,816,037
2030	10,615,965	13,729,742	24,345,707	37,320,529	10,634,881	28,542,223	76,497,633	9,947,620	50,365,189	60,312,808
2031	10,633,207	13,757,954	24,391,161	37,584,353	10,758,190	28,849,990	77,192,533	10,022,599	50,578,755	60,601,354
2032	10,654,054	13,788,100	24,442,155	37,420,056	10,659,979	28,636,290	76,716,326	9,971,287	50,556,789	60,528,076
2033	10,655,746	13,791,138	24,446,883	37,608,086	10,744,919	28,851,654	77,204,658	10,032,462	50,759,849	60,792,311
2034	10,615,468	13,765,099	24,380,568	37,814,354	10,838,000	29,092,083	77,744,438	10,081,057	50,933,849	61,014,907
2035	10,503,027	13,671,022	24,174,048	37,794,263	10,813,064	29,043,002	77,650,329	10,095,916	51,038,705	61,134,621
<b>TOTAL</b>	<b>337,290,219</b>	<b>439,986,244</b>	<b>777,276,463</b>	<b>1,044,257,871</b>	<b>348,673,834</b>	<b>1,006,248,040</b>	<b>2,399,179,744</b>	<b>287,241,375</b>	<b>1,668,192,959</b>	<b>1,955,434,334</b>

<sup>1</sup> Capital charges repaid through bond debt service prior to 2018 exclude bond cover; capital charges for 2019 and after include both bond debt service and bond cover.

**TABLE B-23 Total Transportation and Delta Water Charge for Each Contractor<sup>1</sup> (in dollars)**

Sheet 2 of 4

Calendar Year	SAN JOAQUIN VALLEY AREA								
	Dudley Ridge	Empire	Future Contractor San Joaquin Valley	Kern		Kings	Oak Flat	Tulare	Total
				Municipal and Industrial	Agricultural				
	[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	233,974	19,802	54,588	445,439	1,750,486	16,947	20,078	314,801	2,856,114
1969	250,167	12,199	87,576	525,094	2,813,123	16,825	19,850	487,121	4,211,956
1970	316,156	35,635	94,675	573,998	3,981,182	21,435	30,890	542,235	5,596,205
1971	338,961	38,363	95,695	605,889	5,335,858	27,175	35,209	734,831	7,211,980
1972	393,960	41,624	98,788	631,615	7,371,597	26,473	64,827	2,053,809	10,682,693
1973	412,548	40,246	97,550	1,025,888	7,532,936	28,816	39,851	808,525	9,986,360
1974	528,098	41,460	98,460	1,144,792	8,272,074	29,544	43,218	1,086,403	11,244,050
1975	705,094	41,909	106,703	1,197,166	9,705,439	31,240	48,855	1,608,028	13,444,433
1976	738,630	44,430	108,084	1,323,840	10,974,787	32,666	52,878	1,479,019	14,754,334
1977	598,571	40,347	112,554	1,367,404	11,321,782	34,434	54,919	1,173,332	14,703,343
1978	718,421	36,029	115,521	1,565,884	13,696,709	38,927	59,773	1,209,903	17,441,167
1979	805,497	49,183	114,253	1,668,951	15,814,056	43,065	71,384	1,768,664	20,335,052
1980	987,980	50,918	125,950	1,770,264	17,495,720	48,021	96,019	1,715,182	22,290,054
1981	1,236,919	85,284	134,169	2,430,802	23,145,111	66,495	101,453	2,328,828	29,529,062
1982	1,273,035	71,478	135,057	2,523,660	25,584,216	70,662	109,137	2,326,058	32,093,303
1983	1,208,485	53,828	149,202	2,085,047	25,280,120	75,442	88,150	512,477	29,452,752
1984	1,519,342	29,810	164,505	3,396,379	34,042,709	94,320	122,334	1,578,834	40,948,234
1985	1,796,453	131,240	184,905	3,891,204	40,055,882	117,583	140,433	2,843,213	49,160,914
1986	2,039,601	80,617	180,445	4,079,838	44,156,706	136,715	154,127	3,712,212	54,540,261
1987	1,916,113	96,535	179,872	4,570,841	43,515,327	137,332	152,385	3,807,649	54,376,054
1988	2,002,400	110,913	193,735	4,734,502	45,493,030	138,278	147,582	3,964,668	56,785,107
1989	2,158,361	103,040	187,913	4,677,357	47,714,481	137,085	167,446	4,448,662	59,594,345
1990	1,901,358	88,244	221,392	4,827,893	46,521,643	121,154	149,768	4,031,837	57,863,287
1991	1,721,879	81,533	220,282	4,535,869	38,397,298	103,909	135,778	3,572,847	48,769,395
1992	2,270,231	106,352	241,455	5,550,167	49,594,394	143,783	176,761	4,611,677	62,694,821
1993	2,492,386	121,355	264,959	5,806,060	55,495,561	161,522	196,326	5,365,531	69,903,700
1994	2,297,209	108,860	306,359	5,210,309	52,966,101	145,625	179,138	4,738,231	65,951,831
1995	2,893,669	116,778	304,297	6,621,491	61,426,256	180,802	211,471	5,597,065	77,351,830
1996	2,083,574	126,467	389,203	6,671,115	59,475,984	178,474	191,083	7,162,831	76,278,731
1997	2,794,837	101,872	276,681	6,521,956	58,249,115	138,117	213,283	4,784,961	73,080,822
1998	2,640,518	121,164	381,847	5,733,156	54,824,906	143,433	204,893	5,038,261	69,088,177
1999	2,733,375	137,312	366,582	6,362,560	58,405,985	184,036	219,802	7,510,948	75,920,600
2000	2,627,064	122,044	303,341	6,103,419	52,167,191	174,236	214,383	6,242,577	67,954,255
2001	3,300,068	146,820	328,028	5,650,458	59,354,784	192,167	230,364	6,506,467	75,739,154
2002	3,021,781	129,036	321,344	6,172,131	54,353,627	187,442	239,864	5,852,089	70,277,314
2003	3,070,363	132,766	339,960	6,533,590	56,838,354	202,324	239,027	6,131,449	73,487,833
2004	3,258,123	169,415	342,620	7,858,474	57,433,330	358,643	254,612	5,881,626	75,556,842
2005	3,818,781	178,082	355,586	7,015,136	68,041,162	693,356	251,456	6,721,814	87,075,374
2006	3,652,265	169,259	295,459	7,509,019	65,282,676	539,949	256,851	5,960,945	83,666,423
2007	3,436,121	160,348	334,134	7,121,053	62,065,726	524,474	253,812	5,897,647	79,793,313
2008	3,411,101	158,103	471,763	7,773,242	63,066,501	550,615	262,366	5,592,626	81,286,317
2009	3,285,321	154,910	437,333	6,915,665	61,292,329	523,588	261,409	5,479,378	78,349,933
2010	3,635,035	233,040	507,046	8,082,484	72,539,660	649,778	325,331	6,495,810	92,468,184
2011	4,592,020	220,423	506,678	9,735,055	90,948,523	743,259	357,460	6,969,738	114,073,156
2012	3,761,028	231,587	467,872	9,792,553	83,814,098	766,057	366,296	7,898,834	107,098,325
2013	4,244,301	233,388	519,609	10,356,734	86,229,322	754,910	381,842	7,410,171	110,130,276
2014	4,051,983	211,451	630,817	9,495,307	80,037,150	685,416	372,734	6,539,598	102,024,456
2015	4,418,899	260,629	755,566	12,027,359	95,318,416	833,364	451,171	8,118,842	122,184,247
2016	4,926,804	316,620	484,953	13,315,180	106,783,673	976,564	522,133	9,530,513	136,856,439
2017	5,332,729	295,889	480,547	13,118,679	114,314,808	1,008,526	513,389	9,382,931	144,447,497
2018	5,071,494	301,990	615,802	12,491,205	105,345,717	947,523	514,243	9,173,708	134,461,683
2019	5,203,521	318,645	573,173	13,278,464	117,871,759	1,007,505	527,784	10,695,260	149,476,111
2020	5,209,620	349,953	668,968	15,657,663	121,591,942	1,143,400	623,002	10,713,459	155,958,006
<b>2021</b>	<b>5,793,674</b>	<b>382,615</b>	<b>684,874</b>	<b>17,971,235</b>	<b>133,717,144</b>	<b>1,235,778</b>	<b>668,291</b>	<b>11,848,567</b>	<b>172,302,178</b>
2022	5,791,643	383,073	708,513	18,122,279	133,532,063	1,241,523	668,544	11,846,350	172,293,988
2023	5,818,039	384,628	762,905	18,408,700	133,869,088	1,250,077	671,264	11,897,000	173,061,700
2024	5,754,052	380,228	831,805	18,729,883	132,566,161	1,247,591	662,878	11,767,898	171,940,496
2025	5,812,144	384,334	836,909	18,873,193	133,897,638	1,260,290	669,745	11,884,016	173,618,269
2026	5,729,519	378,938	842,366	18,665,280	132,196,304	1,243,491	659,547	11,718,541	171,433,987
2027	5,697,845	376,385	847,504	18,619,527	131,733,683	1,235,542	653,739	11,652,897	170,817,123
2028	5,839,327	386,952	850,909	18,906,249	134,577,958	1,268,145	673,873	11,938,799	174,442,212
2029	5,781,225	382,702	856,492	18,789,776	133,530,880	1,254,914	665,077	11,820,557	173,081,623
2030	5,665,530	376,107	862,160	18,480,019	131,109,118	1,234,289	652,558	11,592,539	169,972,319
2031	5,784,564	384,265	866,588	18,781,243	133,860,490	1,259,185	666,196	11,830,333	173,432,865
2032	5,643,540	374,524	872,654	18,400,044	130,704,364	1,228,988	649,405	11,546,522	169,420,041
2033	5,721,899	379,885	878,455	18,643,826	132,741,105	1,245,483	657,018	11,702,726	171,970,397
2034	5,789,455	384,494	884,035	18,731,850	133,866,896	1,259,634	667,341	11,837,227	173,420,932
2035	5,771,169	383,207	889,567	18,817,812	134,279,891	1,255,412	660,397	11,799,588	173,857,043
<b>TOTAL</b>	<b>215,729,846</b>	<b>12,581,564</b>	<b>28,056,639</b>	<b>579,498,727</b>	<b>4,651,284,106</b>	<b>35,053,774</b>	<b>21,094,500</b>	<b>422,797,682</b>	<b>5,966,096,838</b>

<sup>1</sup> Capital charges repaid through bond debt service prior to 2018 exclude bond cover; capital charges for 2019 and after include both bond debt service and bond cover.

**TABLE B-23 Total Transportation and Delta Water Charge for Each Contractor<sup>1</sup> (in dollars)**

Calendar Year	SOUTHERN CALIFORNIA AREA									
	AVEK	Coachella	Crestline	Desert	Littlerock	Mojave	Palmdale	San Bernardino	San Gabriel	San Geronio
	[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	726				51,729	0	0
1964	64,494	19,542	4,370	38,211	1,143	31,079	8,205	82,811	34,987	21,735
1965	121,484	34,348	7,194	42,701	2,082	55,096	15,222	135,069	35,344	21,866
1966	221,012	62,476	12,478	76,886	3,753	99,564	27,679	232,502	61,465	37,964
1967	427,622	121,269	23,472	148,839	7,284	193,330	54,023	433,350	115,574	71,283
1968	754,401	218,649	41,509	265,168	12,870	346,978	95,466	782,163	208,927	128,915
1969	1,090,136	334,105	61,226	394,024	18,693	518,832	138,063	1,205,834	321,755	198,764
1970	1,420,639	470,423	89,700	552,223	25,231	717,657	184,837	1,778,187	467,573	289,633
1971	1,760,670	627,331	128,360	754,065	31,837	963,768	231,280	2,538,219	659,414	409,327
1972	2,245,455	819,635	185,868	1,035,804	43,771	1,299,843	287,620	3,758,473	950,297	537,186
1973	2,399,531	971,770	190,992	1,264,690	46,059	1,396,098	313,446	4,026,451	961,024	587,963
1974	2,520,870	998,399	204,074	1,305,235	48,933	1,457,756	331,702	4,463,660	1,104,491	611,428
1975	2,739,680	1,047,544	219,290	1,381,319	53,242	1,547,941	355,270	4,638,827	1,208,046	644,621
1976	3,204,880	1,106,524	232,129	1,474,438	57,732	1,626,287	381,276	4,838,364	1,278,740	668,315
1977	3,187,208	1,008,676	245,111	1,317,096	54,209	1,715,868	406,620	5,094,241	1,336,313	696,515
1978	3,635,572	1,208,919	255,468	1,618,071	56,805	1,765,408	420,026	5,091,935	1,374,033	709,040
1979	4,309,554	1,295,874	267,791	1,740,645	60,285	1,943,297	449,757	5,136,839	1,342,135	712,866
1980	4,994,298	1,406,781	295,350	1,941,392	67,604	2,117,918	499,051	5,647,604	1,485,141	862,275
1981	5,824,304	1,574,217	328,818	2,194,094	100,752	2,444,567	603,265	6,461,840	1,688,324	946,961
1982	5,582,860	1,657,630	346,721	2,336,914	82,296	2,418,896	641,991	6,752,799	1,929,664	1,021,329
1983	6,335,170	2,181,785	380,840	3,172,326	88,383	2,618,779	658,613	6,964,704	1,808,748	1,076,279
1984	7,713,111	3,287,286	497,586	4,929,764	96,492	2,888,103	727,821	8,053,209	2,598,232	1,211,621
1985	9,545,818	4,122,840	601,928	6,265,166	103,706	3,080,898	959,657	8,893,342	2,686,799	1,287,789
1986	9,515,134	4,584,188	647,634	7,009,695	130,222	3,266,781	1,223,847	9,142,822	3,398,540	1,344,770
1987	9,550,203	4,452,838	678,086	6,885,936	240,873	3,323,589	1,255,052	10,544,337	3,398,921	1,379,613
1988	9,149,230	4,510,360	704,411	7,052,631	158,845	3,499,799	1,044,206	11,095,193	3,271,137	1,465,829
1989	11,039,912	4,218,204	691,191	6,635,387	210,634	3,582,180	1,746,763	10,811,990	3,453,679	1,505,481
1990	12,432,751	4,916,384	729,229	7,720,886	331,172	3,817,678	1,953,905	11,722,946	4,221,266	1,624,673
1991	9,293,533	3,471,782	688,867	5,335,009	221,166	4,678,263	1,640,084	11,104,874	3,642,610	1,720,878
1992	11,850,715	3,626,099	612,895	5,587,383	174,998	5,657,089	1,532,325	11,144,101	3,694,099	1,779,902
1993	12,264,759	3,830,889	617,198	5,922,476	211,904	5,548,910	1,753,971	12,107,175	4,042,324	1,943,336
1994	14,334,329	3,857,907	694,421	5,963,596	278,012	6,500,945	2,090,724	12,731,704	4,776,753	1,920,217
1995	14,201,115	4,680,553	661,811	7,318,575	212,244	5,694,111	1,952,494	12,204,445	4,480,933	1,982,808
1996	14,628,006	7,634,303	710,651	12,187,480	208,356	5,792,776	2,300,206	12,730,997	4,599,073	1,651,317
1997	15,198,058	7,251,237	750,419	8,515,792	207,887	6,215,884	2,342,198	14,412,460	4,897,487	1,773,142
1998	13,714,014	6,324,675	717,140	7,018,227	209,057	7,819,155	1,946,444	14,380,084	4,177,167	2,031,020
1999	15,573,026	5,414,439	824,267	7,242,048	215,047	8,453,321	2,373,556	15,922,544	5,135,298	2,474,128
2000	14,843,460	3,826,005	793,796	5,625,366	187,002	8,381,697	2,081,943	15,954,920	4,259,707	3,032,353
2001	24,848,284	4,861,082	995,705	7,603,913	199,105	9,062,628	3,988,270	22,539,207	4,397,025	4,736,772
2002	16,415,916	4,136,268	962,062	6,408,072	182,505	8,247,820	3,398,327	24,324,341	5,808,809	7,013,354
2003	17,747,586	4,252,442	931,249	6,597,952	187,473	9,894,042	2,930,406	23,143,735	5,970,295	8,799,566
2004	18,941,404	4,941,615	1,044,146	6,725,930	201,589	10,178,957	3,219,882	27,894,909	5,475,311	9,379,050
2005	19,265,041	18,603,036	863,950	11,623,949	190,121	9,918,259	3,257,815	25,937,842	5,715,492	9,769,603
2006	20,979,012	31,812,741	854,904	11,741,001	201,952	12,769,073	3,217,292	25,913,085	5,791,851	10,317,168
2007	24,187,104	30,499,532	1,081,804	11,099,458	200,887	16,353,106	4,715,671	31,809,061	4,841,186	11,058,484
2008	22,071,290	30,196,132	1,030,082	12,145,038	216,530	14,944,421	4,690,820	32,582,851	5,918,611	12,935,202
2009	20,234,810	28,258,594	1,025,436	10,179,404	221,993	14,867,217	4,479,282	32,825,865	6,494,359	13,269,596
2010	23,941,176	38,304,612	973,423	13,613,676	228,008	18,029,539	3,976,817	36,070,875	8,189,961	14,683,352
2011	30,850,078	40,384,717	1,057,695	14,812,123	251,754	11,997,653	4,069,172	34,032,818	9,013,886	15,855,918
2012	31,183,521	46,724,760	1,167,429	17,144,643	267,059	13,710,263	5,437,170	47,862,145	9,282,626	17,429,561
2013	26,999,747	39,385,701	1,398,586	13,956,290	292,105	13,969,432	4,617,545	40,207,737	7,607,489	18,897,147
2014	22,463,966	34,682,990	1,486,592	11,828,472	293,809	13,922,011	4,712,180	42,577,929	6,519,199	24,122,359
2015	22,686,853	39,973,219	1,554,065	14,030,403	322,033	16,916,690	4,218,459	51,510,724	8,017,518	28,959,663
2016	28,028,230	44,351,305	1,520,708	15,472,762	341,739	19,497,027	4,940,313	60,169,340	9,647,504	33,690,724
2017	35,641,100	43,091,371	1,401,750	15,794,442	324,844	20,800,495	5,246,933	65,327,212	9,903,738	38,112,733
2018	30,191,023	59,002,797	1,481,453	19,856,503	330,301	15,445,898	4,815,838	62,485,068	9,595,185	39,795,086
2019	31,801,634	40,868,542	1,283,638	14,148,406	383,804	19,262,043	5,125,490	70,617,943	10,507,390	41,770,524
2020	28,372,323	65,434,075	1,956,181	21,537,254	479,865	19,741,552	4,446,168	66,286,921	8,925,513	41,109,840
<b>2021</b>	<b>42,750,889</b>	<b>56,980,931</b>	<b>2,242,627</b>	<b>20,223,760</b>	<b>682,445</b>	<b>25,855,441</b>	<b>7,473,204</b>	<b>72,708,561</b>	<b>11,166,720</b>	<b>42,144,613</b>
2022	42,506,036	56,228,389	2,227,971	19,905,055	680,761	25,739,759	7,408,866	71,995,754	11,054,707	41,698,120
2023	44,419,613	60,478,728	2,329,354	21,230,148	713,438	26,545,292	7,787,703	74,511,728	11,687,029	42,311,129
2024	44,558,923	61,432,277	2,347,224	21,457,376	716,079	26,726,081	7,756,445	74,996,318	11,793,754	42,434,904
2025	45,171,948	62,134,127	2,375,226	21,733,004	725,832	27,015,822	7,888,139	75,563,998	11,936,573	42,567,691
2026	44,511,864	61,442,751	2,346,275	21,445,652	715,379	26,725,075	7,748,262	75,073,633	11,782,727	42,510,179
2027	44,955,749	61,966,045	2,369,342	21,657,955	722,509	26,978,269	7,831,896	75,573,013	11,903,056	42,620,452
2028	45,024,997	62,063,985	2,368,966	21,667,432	723,597	26,938,554	7,861,410	75,601,672	11,896,448	42,649,577
2029	45,149,857	62,317,736	2,378,498	21,761,087	725,660	27,049,156	7,879,040	75,882,422	11,955,303	42,723,845
2030	44,366,644	61,641,562	2,342,257	21,445,529	713,186	26,665,062	7,736,708	75,276,208	11,772,265	42,650,182
2031	46,112,033	63,444,027	2,416,886	22,159,408	740,872	27,376,157	8,115,076	76,676,382	12,146,799	42,912,569
2032	43,664,564	61,155,371	2,316,705	21,221,841	702,130	26,406,916	7,580,636	75,043,385	11,668,611	42,663,807
2033	45,909,028	63,420,893	2,415,788	22,116,976	737,780	27,396,951	8,066,460	76,777,651	12,135,743	42,983,709
2034	44,190,818	61,908,080	2,343,453	21,490,300	710,593	26,689,974	7,699,487	75,689,837	11,813,118	42,825,883
2035	48,182,183	65,803,729	2,512,237	23,042,893	773,872	28,330,961	8,562,672	78,637,704	12,618,242	43,352,194
<b>TOTAL</b>	<b>1,426,046,672</b>	<b>1,669,360,047</b>	<b>74,545,956</b>	<b>719,148,391</b>	<b>20,362,187</b>	<b>805,435,743</b>	<b>237,928,462</b>	<b>2,227,208,620</b>	<b>410,060,693</b>	<b>1,081,137,788</b>

<sup>1</sup> Capital charges repaid through bond debt service prior to 2018 exclude bond cover; capital charges for 2019 and after include both bond debt service and bond cover.

**TABLE B-23 Total Transportation and Delta Water Charge for Each Contractor<sup>1</sup> (in dollars)**

Calendar Year	SOUTHERN CALIFORNIA AREA (continued)				FEATHER RIVER AREA				South Bay Area Future Contractor	Grand Total
	Santa Clarita <sup>2</sup>	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	1,622,219
1964	27,447	1,260,513	9,378	1,603,916	0	0	0	0	13,938	2,803,202
1965	53,007	2,180,589	17,766	2,721,767	0	0	405	405	28,937	4,807,069
1966	101,264	3,900,172	33,426	4,870,643	0	0	565	565	31,321	7,401,629
1967	210,814	7,693,703	68,155	9,568,718	0	0	562	562	47,718	13,080,852
1968	493,369	15,317,881	142,803	18,809,100	0	1,050	1,439	2,489	46,945	25,672,364
1969	746,550	23,153,064	215,209	28,396,256	0	1,225	4,120	5,345	52,963	37,153,471
1970	947,488	30,617,164	273,605	37,834,359	0	3,848	17,116	20,964	69,744	48,707,179
1971	1,143,650	39,958,997	342,425	49,549,344	0	4,546	19,187	23,733	55,532	61,979,667
1972	1,392,164	54,991,810	422,304	67,970,230	0	4,929	21,150	26,079	80,412	84,368,982
1973	1,442,193	59,591,118	435,655	73,626,989	0	7,059	21,778	28,837	54,219	89,300,989
1974	1,539,129	66,008,399	455,565	81,049,642	0	8,336	22,408	30,744	76,783	98,308,692
1975	1,632,784	71,830,070	478,403	87,777,037	0	9,416	23,523	32,939	84,547	107,290,972
1976	1,670,721	74,907,214	475,587	91,922,206	0	7,004	23,257	30,261	106,717	113,226,612
1977	1,760,239	73,338,457	507,063	90,667,616	0	16,917	24,059	40,976	98,618	111,869,951
1978	1,895,414	81,951,168	523,177	100,505,035	0	12,635	24,225	36,860	100,786	124,961,612
1979	1,977,280	83,601,786	526,405	103,364,513	0	16,575	28,352	44,927	119,352	131,035,880
1980	2,117,765	93,029,351	583,628	115,048,159	0	19,834	26,562	46,396	178,812	145,502,928
1981	2,589,503	112,171,493	672,540	137,600,677	0	21,682	34,563	56,245	185,347	176,128,088
1982	2,754,746	117,143,301	727,623	143,396,770	0	16,117	43,117	59,234	173,894	185,241,648
1983	2,827,840	118,991,007	854,263	147,958,738	0	15,202	29,410	44,612	220,926	186,912,211
1984	3,908,152	156,273,535	933,311	193,118,223	20,590	15,442	31,795	67,827	225,959	246,430,960
1985	4,376,420	194,967,204	993,651	237,885,217	24,050	16,976	32,405	73,431	340,322	302,369,884
1986	5,014,026	218,331,684	1,058,276	264,667,618	31,753	18,145	33,596	83,494	279,227	335,352,141
1987	4,873,728	204,859,482	1,056,318	252,498,975	37,071	17,794	33,384	88,249	345,116	325,531,357
1988	5,062,548	221,667,115	1,124,102	269,805,406	48,058	19,117	33,605	100,780	365,207	347,371,149
1989	5,073,370	230,328,278	1,232,379	280,529,448	61,184	20,809	37,188	119,181	422,329	362,304,044
1990	5,542,949	277,194,766	1,855,991	334,064,685	66,041	20,855	36,812	123,708	474,284	416,682,287
1991	4,656,713	221,887,061	1,549,955	269,890,794	180,212	22,526	42,200	244,938	214,683	340,807,105
1992	5,845,402	245,365,618	1,503,480	298,374,107	208,216	26,028	43,517	277,761	443,676	385,850,577
1993	5,492,065	219,238,180	1,551,253	274,524,441	209,613	26,203	47,588	283,404	599,571	371,822,374
1994	6,058,524	257,365,883	1,475,069	318,048,084	201,284	25,161	46,079	272,524	609,966	413,930,434
1995	6,434,171	225,863,369	1,568,401	287,255,027	216,945	27,118	50,022	294,085	534,971	396,382,355
1996	6,665,315	235,410,311	1,622,641	306,141,433	217,250	27,155	56,622	301,027	571,857	425,104,893
1997	6,558,969	245,453,567	1,777,266	315,354,364	236,300	29,847	59,915	326,062	428,638	440,039,721
1998	6,181,775	227,090,227	1,796,534	293,405,518	128,021	29,927	36,222	194,170	465,095	418,076,623
1999	6,778,271	256,116,229	1,873,267	328,395,440	254,675	31,834	40,585	327,094	571,383	466,151,643
2000	10,302,231	253,115,772	1,969,790	324,374,042	262,163	79,001	43,704	384,868	0	455,494,389
2001	15,899,369	441,710,358	2,260,648	543,102,366	261,699	93,471	45,056	400,226	0	691,892,202
2002	13,201,646	333,819,759	2,307,079	426,225,958	266,107	95,018	47,297	408,422	0	574,510,207
2003	14,244,706	361,640,701	2,321,867	458,662,650	262,547	93,638	68,989	425,174	0	606,121,160
2004	15,529,399	413,398,937	2,609,547	519,540,675	284,387	102,404	29,286	416,077	0	669,010,204
2005	14,490,279	384,874,560	2,082,649	506,592,596	280,033	727,066	28,810	1,035,909	0	668,377,532
2006	13,806,850	360,853,893	2,048,058	500,306,878	292,991	43,185	38,618	374,794	0	658,149,762
2007	16,837,239	439,380,835	2,534,593	594,598,960	291,100	40,957	46,072	378,129	0	752,965,355
2008	19,131,825	412,392,287	2,998,365	571,253,454	306,916	804,536	86,522	1,197,974	0	739,345,395
2009	17,217,912	382,703,010	2,869,977	534,647,455	328,896	855,850	90,625	1,275,371	0	700,219,910
2010	17,564,257	441,533,507	3,045,913	620,155,116	400,358	1,064,565	108,872	1,573,795	0	810,340,140
2011	17,688,413	492,876,656	3,127,546	676,018,428	451,483	1,197,315	121,979	1,770,777	0	897,440,872
2012	19,434,118	480,075,459	3,397,874	693,116,628	460,139	1,318,107	130,849	1,909,095	0	913,738,355
2013	22,405,377	476,092,744	3,405,351	669,235,252	483,119	1,383,934	141,267	2,008,320	0	898,104,420
2014	21,070,762	425,335,435	2,922,745	611,938,448	473,134	1,355,332	140,894	1,969,360	0	830,957,328
2015	21,802,820	473,712,619	3,304,710	687,009,776	614,794	1,761,128	185,765	2,561,687	0	937,202,491
2016	21,731,141	540,040,207	3,835,373	783,266,375	727,229	2,083,208	228,710	3,039,147	0	1,064,348,721
2017	23,797,149	585,593,642	5,481,091	850,516,501	741,588	2,124,343	214,859	3,080,790	0	1,137,213,480
2018	22,972,923	475,641,517	3,496,718	745,110,310	703,535	2,015,335	261,328	2,980,198	0	1,024,898,932
2019	23,540,569	571,952,626	6,724,378	837,986,988	732,713	2,098,917	230,741	3,062,371	0	1,124,958,190
2020	30,527,271	532,393,103	5,820,169	827,030,236	860,774	2,465,757	266,356	3,592,887	0	1,136,134,500
<b>2021</b>	<b>29,788,556</b>	<b>624,126,006</b>	<b>6,049,927</b>	<b>942,193,680</b>	<b>898,338</b>	<b>2,573,363</b>	<b>275,260</b>	<b>3,746,961</b>	<b>0</b>	<b>1,274,075,929</b>
2022	31,564,562	674,047,434	6,546,675	991,604,090	898,095	2,572,666	273,778	3,744,539	0	1,323,696,650
2023	31,846,068	681,222,477	6,593,898	1,011,676,604	899,891	2,577,811	274,773	3,752,475	0	1,347,569,091
2024	31,866,557	686,481,239	6,613,666	1,019,180,843	899,593	2,576,959	274,833	3,751,385	0	1,356,008,006
2025	32,328,512	695,277,574	6,710,176	1,031,428,622	898,305	2,573,268	274,514	3,746,087	0	1,370,653,067
2026	31,911,659	686,219,569	6,617,951	1,019,050,975	895,432	2,565,039	273,591	3,734,062	0	1,355,658,506
2027	32,186,762	692,459,625	6,677,284	1,027,901,956	898,474	2,573,752	274,934	3,747,160	0	1,364,271,530
2028	32,241,191	692,712,678	6,684,741	1,028,435,249	890,696	2,551,472	272,132	3,714,300	0	1,369,042,150
2029	32,292,675	694,617,341	6,695,171	1,031,427,792	892,663	2,557,106	273,068	3,722,837	0	1,370,799,542
2030	31,723,928	682,195,577	6,570,783	1,015,087,892	880,157	2,521,284	268,458	3,669,899	0	1,349,886,258
2031	32,631,235	701,927,858	6,769,256	1,043,428,559	880,107	2,521,141	268,624	3,669,872	0	1,382,716,344
2032	31,221,723	672,910,305	6,453,738	1,003,009,733	880,155	2,521,277	268,832	3,670,264	0	1,337,786,594
2033	32,505,862	699,458,436	6,737,150	1,040,662,427	880,098	2,521,112	269,000	3,670,210	0	1,378,746,886
2034	31,635,985	681,451,127	6,536,441	1,014,993,097	880,095	2,521,104	269,191	3,670,390	0	1,355,224,331
2035	33,589,661	724,898,819	6,984,190	1,077,289,356	880,029	2,520,916	269,360	3,670,305	0	1,417,775,703
<b>TOTAL</b>	<b>988,376,954</b>	<b>24,338,884,265</b>	<b>198,542,363</b>	<b>34,197,038,142</b>	<b>24,979,096</b>	<b>60,592,649</b>	<b>7,664,281</b>	<b>93,236,026</b>	<b>8,735,637</b>	<b>45,396,997,184</b>

<sup>1</sup> Capital charges repaid through bond debt service prior to 2018 exclude bond cover; capital charges for 2019 and after include both bond debt service and bond cover.

<sup>2</sup> Castaic Lake Water Agency's SWP Water Supply Contract was transferred to Santa Clarita Valley Water Agency effective November 2, 2018.

**TABLE B-24 Equivalent Unit Charge for Water Supply for Each Contractor<sup>1</sup> (in dollars per acre-foot)**

Project Service Area and SWP Water 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]
<b>FEATHER RIVER AREA</b>								
Yuba City	0.00	0.00	0.00	0.00	0.00	165.12	14.67	179.79
Butte	0.00	0.00	0.00	0.00	0.00	614.45	42.58	657.03
Plumas	45.60	9.09	0.00	0.00	54.69	97.85	11.13	163.68
Feather River Area	9.68	1.93	0.00	0.00	11.61	272.60	21.48	305.69
<b>NORTH BAY AREA</b>								
Napa	182.96	85.59	4.95	14.44	287.94	49.51	16.43	353.89
Solano	107.13	70.13	5.31	8.26	190.84	54.29	12.89	258.02
North Bay Area	134.94	75.80	5.18	10.53	226.45	52.54	14.19	293.18
<b>SOUTH BAY AREA</b>								
Alameda-Zone 7	123.06	67.09	9.17	20.97	220.30	49.76	9.06	279.12
Alameda County	31.40	35.43	7.45	13.69	87.97	33.57	4.83	126.36
Santa Clara	25.31	25.79	6.53	11.38	69.00	21.46	3.25	93.71
South Bay Area	42.23	34.08	7.11	13.32	96.73	28.04	4.45	129.22
<b>SAN JOAQUIN VALLEY AREA</b>								
Kings	6.96	9.51	3.85	8.23	28.55	41.12	3.82	73.48
Dudley Ridge	5.94	5.87	3.33	4.90	20.03	21.86	2.15	44.04
Empire	2.70	5.56	2.55	4.58	15.39	24.95	1.78	42.12
Kern	10.61	11.62	5.07	6.97	34.28	27.59	2.80	64.67
Oak Flat	2.39	3.15	2.05	3.06	10.65	23.81	1.80	36.26
Tulare	6.17	6.06	3.26	4.79	20.29	23.11	2.22	45.62
San Joaquin Valley Area	9.83	10.68	4.77	6.62	31.90	26.85	2.70	61.46
<b>CENTRAL COASTAL AREA</b>								
San Luis Obispo	493.79	333.72	15.32	125.68	968.51	253.64	55.18	1,277.33
Santa Barbara	1,146.54	327.56	20.57	100.71	1,595.39	113.59	76.25	1,785.23
Central Coastal Area	1,018.82	328.77	19.54	105.60	1,472.72	141.00	72.13	1,685.85
<b>SOUTHERN CALIFORNIA AREA</b>								
AVEK	60.74	60.12	33.59	66.91	221.36	60.51	9.66	291.52
Coachella	91.23	104.17	44.19	81.19	320.78	59.27	11.04	391.10
Crestline	175.00	165.15	36.69	79.96	456.80	92.11	20.98	569.89
Desert	56.36	58.58	53.24	45.33	213.50	36.25	7.18	256.93
Littlerock	109.52	108.19	32.92	62.27	312.90	105.63	16.77	435.29
Mojave	238.63	260.23	39.13	132.47	670.45	197.13	39.40	906.98
Palmdale	65.71	68.64	41.71	102.43	278.50	73.44	10.70	362.63
San Bernardino	379.93	236.83	31.56	82.93	731.25	102.38	24.94	858.58
San Gabriel	127.96	123.76	48.46	51.26	351.45	64.11	14.91	430.48
San Gorgonio	2,901.09	683.81	34.20	241.30	3,860.40	167.88	39.87	4,068.15
Santa Clarita <sup>2</sup>	65.11	65.41	25.89	45.95	202.36	52.95	12.34	267.64
Metropolitan	94.94	80.58	39.93	44.68	260.13	53.02	11.53	324.68
Ventura	315.63	270.17	22.78	141.51	750.09	197.84	42.34	990.27
Southern California Area	104.36	86.09	39.51	49.51	279.48	56.17	12.01	347.66
<b>ALL AREAS</b>	<b>60.32</b>	<b>48.37</b>	<b>20.61</b>	<b>26.85</b>	<b>156.14</b>	<b>41.06</b>	<b>7.44</b>	<b>204.65</b>

<sup>1</sup> 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.

<sup>2</sup> Castaic Lake Water Agency's SWP Water Supply Contract was transferred to Santa Clarita Valley Water Agency effective November 2, 2018.

**TABLE B-25 Equivalent Unit Transportation Costs of Water Delivered from or through Each Aqueduct Reach<sup>1</sup> (in dollars per acre-foot)**

Aqueduct Reach	Unit Cost of Reach <sup>2</sup>						Cumulative Unit Costs from the Delta					
	Capital Costs	Water System Revenue Bond Surcharge <sup>3</sup>	Minimum OMP&R	Off-Aqueduct Costs	Variable OMP&R	Total	Capital Costs	Water System Revenue Bond Surcharge <sup>3</sup>	Minimum OMP&R	Off-Aqueduct Costs	Variable OMP&R	Total
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]	[11]	[12]
<b>NBA</b>												
1	46.86	12.52	17.56	2.53	1.46	80.93	46.86	12.52	17.56	2.53	1.46	80.93
2	49.87	13.32	7.67	0.00	0.00	70.86	96.73	25.84	25.23	2.53	1.46	151.79
3A	8.89	2.37	15.26	5.57	2.36	34.45	105.62	28.21	40.49	8.10	3.82	186.24
3B	57.18	15.27	34.50	3.88	5.23	116.06	153.91	41.11	59.73	6.41	6.69	267.85
<b>SBA</b>												
1	8.19	2.19	20.58	5.63	5.46	42.05	10.48	2.80	24.63	8.37	8.01	54.29
2	0.77	0.21	2.32	0.00	0.00	3.30	11.25	3.01	26.95	8.37	8.01	57.59
4	2.58	0.69	3.96	0.00	0.00	7.23	13.83	3.70	30.91	8.37	8.01	64.82
5	5.41	1.44	3.11	0.00	0.00	9.96	19.24	5.14	34.02	8.37	8.01	74.78
6	0.31	0.08	0.33	0.00	0.00	0.72	19.55	5.22	34.35	8.37	8.01	75.50
7	2.40	0.64	0.60	0.00	0.00	3.64	21.95	5.86	34.95	8.37	8.01	79.14
8	3.25	0.87	1.00	0.00	0.00	5.12	25.20	6.73	35.95	8.37	8.01	84.26
9	6.72	1.79	3.74	0.00	0.00	12.25	31.92	8.52	39.69	8.37	8.01	96.51
<b>CA</b>												
1	2.29	0.61	4.05	2.74	2.55	12.24	2.29	0.61	4.05	2.74	2.55	12.24
2A	1.46	0.39	0.80	0.00	0.00	2.65	3.75	1.00	4.85	2.74	2.55	14.89
2B	0.75	0.20	0.40	0.00	0.00	1.35	4.50	1.20	5.25	2.74	2.55	16.24
3	0.65	0.17	0.30	0.00	0.00	1.12	5.15	1.37	5.55	2.74	2.55	17.36
4	1.04	0.28	2.01	1.30	1.15	5.78	6.19	1.65	7.56	4.04	3.70	23.14
5	0.79	0.21	0.40	0.00	0.00	1.40	6.98	1.86	7.96	4.04	3.70	24.54
6	0.20	0.05	0.20	0.00	0.00	0.45	7.18	1.91	8.16	4.04	3.70	24.99
7	1.19	0.32	0.48	0.00	0.00	1.99	8.37	2.23	8.64	4.04	3.70	26.98
8C	0.02	0.01	0.09	0.00	0.00	0.12	8.39	2.24	8.73	4.04	3.70	27.10
8D	0.46	0.12	0.39	0.00	0.00	0.97	8.85	2.36	9.12	4.04	3.70	28.07
9	0.39	0.10	0.36	0.00	0.00	0.85	9.24	2.46	9.48	4.04	3.70	28.92
10A	0.41	0.11	0.47	0.00	0.00	0.99	9.65	2.57	9.95	4.04	3.70	29.91
11B	0.60	0.16	0.30	0.00	0.00	1.06	10.25	2.73	10.25	4.04	3.70	30.97
12D	0.57	0.15	0.27	0.00	0.00	0.99	10.82	2.88	10.52	4.04	3.70	31.96
12E	0.40	0.11	0.46	0.00	0.00	0.97	11.22	2.99	10.98	4.04	3.70	32.93
13B	0.86	0.23	0.53	0.00	0.00	1.62	12.08	3.22	11.51	4.04	3.70	34.55
14A	3.30	0.88	4.06	2.31	2.17	12.72	15.38	4.10	15.57	6.35	5.87	47.27
14B	0.52	0.14	0.50	0.00	0.00	1.16	15.90	4.24	16.07	6.35	5.87	48.43
14C	0.43	0.11	0.37	0.00	0.00	0.91	16.33	4.35	16.44	6.35	5.87	49.34
15A	2.44	0.65	4.24	2.83	2.36	12.52	18.77	5.00	20.68	9.18	8.23	61.86
16A	4.05	1.08	6.56	6.13	5.50	23.32	22.82	6.08	27.24	15.31	13.73	85.18
17E	13.66	3.65	18.43	21.46	20.31	77.51	36.48	9.73	45.67	36.77	34.04	162.69
17F	3.54	0.95	0.23	0.00	0.00	4.72	40.02	10.68	45.90	36.77	34.04	167.41
18A	3.18	0.85	2.21	0.00	-2.13	4.11	43.20	11.53	48.11	36.77	31.91	171.52
19	2.35	0.63	1.34	0.00	0.00	4.32	45.55	12.16	49.45	36.77	31.91	175.84
19C	2.55	0.68	0.00	0.00	0.00	3.23	48.10	12.84	49.45	36.77	31.91	179.07
20A	1.87	0.50	2.21	0.00	0.00	4.58	49.97	13.34	51.66	36.77	31.91	183.65
20B	2.26	0.60	1.45	0.00	0.00	4.31	52.23	13.94	53.11	0.00	31.91	151.19
21	1.14	0.30	1.01	0.00	0.00	2.45	53.37	14.24	54.12	0.00	31.91	153.64
22A	1.19	0.32	0.53	0.00	0.00	2.04	54.56	14.56	54.65	0.00	31.91	155.68
22B	11.71	3.13	14.26	6.51	6.70	42.31	66.27	17.69	68.91	6.51	38.61	197.99
23	3.22	0.86	0.98	0.00	-2.72	2.34	69.49	18.55	69.89	6.51	35.89	200.33
24	6.24	1.67	2.77	0.00	0.00	10.68	75.73	20.22	72.66	6.51	35.89	211.01
25	4.55	1.22	0.16	0.00	0.00	5.93	80.28	21.44	72.82	6.51	35.89	216.94
26A	4.97	1.33	9.24	0.00	-18.57	(3.03)	85.25	22.77	82.06	6.51	17.32	213.91
28G	9.26	2.47	3.49	0.00	0.00	15.22	94.51	25.24	85.55	6.51	17.32	229.13
28H	8.91	2.38	3.67	0.00	0.00	14.96	103.42	27.62	89.22	6.51	17.32	244.09
28J	99.97	26.70	50.96	0.00	0.00	177.63	203.39	54.32	140.18	6.51	17.32	421.72
<b>EBX</b>												
1	N/A	0.00	0.17	0.00	0.00	0.17	N/A	22.77	82.23	6.51	17.32	128.83
2A	N/A	0.00	1.14	0.00	0.00	1.14	N/A	22.77	83.37	6.51	17.32	129.97
2B	N/A	0.00	55.64	10.57	12.44	78.64	N/A	22.77	139.01	17.08	29.76	208.61
2C	N/A	0.00	4.24	0.00	0.00	4.24	N/A	22.77	143.25	17.08	29.76	212.85
2D	N/A	0.00	8.96	0.00	0.00	8.96	N/A	22.77	152.20	17.08	29.76	221.81
2E	N/A	0.00	72.95	0.36	23.54	96.85	N/A	22.77	225.15	17.44	53.30	318.66
3A	N/A	0.00	184.80	8.20	36.38	229.38	N/A	22.77	409.95	25.64	89.68	548.04
3B	N/A	0.00	47.70	0.00	0.00	47.70	N/A	22.77	457.65	25.64	89.68	595.74
3C	N/A	0.00	6.55	0.00	0.00	6.55	N/A	22.77	464.21	25.64	89.68	602.29
3D	N/A	0.00	1.40	0.00	0.00	1.40	N/A	22.77	465.61	25.64	89.68	603.69
3E	N/A	0.00	0.22	0.00	0.00	0.22	N/A	22.77	465.83	25.64	89.68	603.91
4A	N/A	0.00	5.44	0.00	0.00	5.44	N/A	22.77	471.26	25.64	89.68	609.35
4B	N/A	0.00	48.72	1.02	6.75	56.49	N/A	22.77	519.99	26.66	96.43	665.84
<b>WB</b>												
29A	4.64	1.24	10.58	2.82	2.39	21.67	44.66	11.92	56.48	39.59	36.43	189.08
29F	3.38	0.90	1.27	0.00	0.00	5.55	48.04	12.82	57.75	39.59	36.43	194.63
29G	11.24	3.00	6.02	0.00	-8.59	11.67	59.28	15.82	63.77	39.59	27.84	206.30
29H	7.00	1.87	5.70	0.00	0.00	14.57	66.28	17.69	69.47	39.59	27.84	220.87
29J	11.73	3.13	1.64	0.00	-16.06	0.44	78.01	20.82	71.11	39.59	11.78	221.31
30	18.82	5.03	5.12	0.00	0.00	28.97	96.83	25.85	76.23	39.59	11.78	250.28
<b>CB</b>												
31A	8.51	2.27	24.16	2.10	2.05	39.09	17.36	4.63	33.28	6.14	5.75	67.16
33A	318.17	84.98	45.57	15.33	26.82	490.87	335.53	89.61	78.85	21.47	32.57	558.03
34	227.32	60.71	1.27	0.00	0.00	289.30	562.85	150.32	80.12	21.47	32.57	847.33
35	0.00	0.00	0.00	0.00	0.00	0.00	562.85	150.32	80.12	21.47	32.57	847.33

<sup>1</sup>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 canal-side. Includes surplus water prior to May 1, 1973.

<sup>2</sup>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.

<sup>3</sup>The Water System Revenue Bond (WSRB) Surcharge equivalent unit rate is calculated by multiplying Column 1 by the ratio of the 2021 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)**

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
<b>TOTAL</b>	<b>5,841,000</b>	<b>7,380,261</b>	<b>9,441,000</b>	<b>9,833,565</b>	<b>11,095,061</b>	<b>2,363,000</b>	<b>108,928,245</b>	<b>38,830,000</b>



**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
<b>TOTAL</b>	<b>53,304,000</b>	<b>0</b>	<b>247,016,132</b>	<b>0</b>	<b>143,418,000</b>	<b>8,607,000</b>	<b>152,025,000</b>	<b>399,041,132</b>

**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	1,313,761	0
2001	347	146	183	116	108	48	1,034,428	0
2002	1,639	690	861	546	510	226	1,536,755	0
2003	0	0	0	0	0	0	1,818,330	0
2004	2,132	27,868	18,579	18,731	10,355	8,528	1,474,313	0
2005	1,243	16,250	10,833	10,922	6,038	4,973	1,027,856	0
2006	3,279	42,860	28,573	28,807	15,926	13,116	1,465,303	0
2007	0	0	0	0	0	0	1,410,503	0
2008	0	0	0	0	0	0	2,068,150	0
2009	(4)	(46)	(31)	(31)	(17)	(14)	1,723,868	0
2010	(1)	(8)	(5)	(5)	(3)	(2)	1,815,041	0
2011	0	0	0	0	0	0	1,899,939	0
2012	4	54	36	36	20	17	1,912,303	0
2013	0	0	0	0	0	0	1,994,461	0
2014	231	3,023	2,015	2,032	1,123	925	2,461,152	0
2015	(697)	(9,108)	(6,072)	(6,122)	(3,385)	(2,787)	2,626,141	0
2016	0	0	0	0	0	0	2,907,631	0
2017	0	0	0	0	0	0	2,395,016	0
2018	0	0	0	0	0	0	1,839,457	0
2019	0	0	0	0	0	0	2,532,639	0
2020	0	0	0	0	0	0	2,517,974	0
<b>2021</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,668,698</b>	<b>0</b>
2022	0	0	0	0	0	0	2,571,665	0
2023	0	0	0	0	0	0	2,571,665	0
2024	0	0	0	0	0	0	2,571,665	0
2025	0	0	0	0	0	0	2,571,665	0
2026	0	0	0	0	0	0	2,571,665	0
2027	0	0	0	0	0	0	2,571,665	0
2028	0	0	0	0	0	0	2,571,665	0
2029	0	0	0	0	0	0	2,571,665	0
2030	0	0	0	0	0	0	2,571,665	0
2031	0	0	0	0	0	0	2,571,665	0
2032	0	0	0	0	0	0	2,571,665	0
2033	0	0	0	0	0	0	2,571,665	0
2034	0	0	0	0	0	0	2,571,665	0
2035	0	0	0	0	0	0	2,571,665	0
<b>TOTAL</b>	<b>13,855</b>	<b>84,122</b>	<b>57,959</b>	<b>56,926</b>	<b>32,445</b>	<b>25,812</b>	<b>84,612,384</b>	<b>0</b>

**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*	Reach 26B	Subtotal	
1971	[9] 0	[10] 0	[11] 0	[12] 0	[13] 0	[14] 0	[15] 0	[16] 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	735,813	0	2,061,726	0	1,409,986	0	1,409,986	3,471,712
2001	812,064	0	1,847,440	0	798,363	0	798,363	2,645,802
2002	727,721	0	2,268,948	0	1,134,663	0	1,134,663	3,403,611
2003	899,530	0	2,717,859	0	1,234,283	0	1,234,283	3,952,142
2004	913,452	0	2,473,958	0	1,807,612	0	1,807,612	4,281,570
2005	1,036,431	0	2,114,547	0	1,849,498	0	1,849,498	3,964,045
2006	838,336	0	2,436,201	0	1,760,915	0	1,760,915	4,197,116
2007	1,308,106	0	2,718,609	0	2,799,174	0	2,799,174	5,517,783
2008	1,068,707	0	3,136,857	0	2,733,426	0	2,733,426	5,870,283
2009	1,545,401	0	3,269,126	0	2,857,684	0	2,857,684	6,126,810
2010	1,426,937	0	3,241,954	0	2,398,820	0	2,398,820	5,640,773
2011	1,815,469	0	3,715,408	0	2,104,260	0	2,104,260	5,819,668
2012	1,258,656	0	3,171,127	0	2,341,679	0	2,341,679	5,512,806
2013	1,506,347	0	3,500,808	0	2,761,246	0	2,761,246	6,262,053
2014	1,858,270	0	4,328,771	0	3,220,765	0	3,220,765	7,549,536
2015	1,954,400	0	4,552,369	0	4,427,902	0	4,427,902	8,980,272
2016	2,222,393	0	5,130,024	0	3,950,789	0	3,950,789	9,080,813
2017	2,256,333	0	4,651,349	0	3,942,319	0	3,942,319	8,593,668
2018	2,694,444	0	4,533,902	0	4,773,603	0	4,773,603	9,307,504
2019	2,850,074	0	5,382,714	0	4,861,516	0	4,861,516	10,244,230
2020	3,185,198	0	5,703,172	0	5,457,081	0	5,457,081	11,160,253
<b>2021</b>	<b>3,183,263</b>	<b>0</b>	<b>5,851,961</b>	<b>0</b>	<b>5,158,477</b>	<b>0</b>	<b>5,158,477</b>	<b>11,010,438</b>
2022	3,219,829	0	5,791,494	0	5,252,684	0	5,252,684	11,044,178
2023	3,219,829	0	5,791,494	0	5,252,684	0	5,252,684	11,044,178
2024	3,219,829	0	5,791,494	0	5,252,684	0	5,252,684	11,044,178
2025	3,219,829	0	5,791,494	0	5,252,684	0	5,252,684	11,044,178
2026	3,219,829	0	5,791,494	0	5,252,684	0	5,252,684	11,044,178
2027	3,219,829	0	5,791,494	0	5,252,684	0	5,252,684	11,044,178
2028	3,219,829	0	5,791,494	0	5,252,684	0	5,252,684	11,044,178
2029	3,219,829	0	5,791,494	0	5,252,684	0	5,252,684	11,044,178
2030	3,219,829	0	5,791,494	0	5,252,684	0	5,252,684	11,044,178
2031	3,219,829	0	5,791,494	0	5,252,684	0	5,252,684	11,044,178
2032	3,219,829	0	5,791,494	0	5,252,684	0	5,252,684	11,044,178
2033	3,219,829	0	5,791,494	0	5,252,684	0	5,252,684	11,044,178
2034	3,219,829	0	5,791,494	0	5,252,684	0	5,252,684	11,044,178
2035	3,219,829	0	5,791,494	0	5,252,684	0	5,252,684	11,044,178
<b>TOTAL</b>	<b>83,061,994</b>	<b>0</b>	<b>167,945,497</b>	<b>0</b>	<b>145,941,832</b>	<b>0</b>	<b>145,941,832</b>	<b>313,887,329</b>

\* 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
<b>TOTAL</b>	<b>744,635</b>	<b>44,544,862</b>	<b>13,095,167</b>	<b>18,913,620</b>	<b>127,720</b>	<b>5,870,912</b>	<b>315,744,216</b>	<b>399,041,132</b>

**TABLE B-29 Capital Cost Component of East Branch Enlargement Facilities  
Transportation Charge for Each Contractor<sup>1,2</sup> (in dollars)**

Calendar Year	SOUTHERN CALIFORNIA AREA							Total
	AVEK	Coachella	Desert	Mojave	Palmdale	San Bernardino <sup>3</sup>	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	44,173	2,924,487	870,981	1,215,968	8,115	0	20,682,969	25,746,693
2005	33,110	2,192,035	652,839	911,423	6,083	0	15,502,813	19,298,303
2006	46,946	3,108,066	925,655	1,292,298	8,625	0	21,981,299	27,362,889
2007	45,254	2,996,035	892,290	1,245,717	8,314	0	21,188,982	26,376,592
2008	42,479	2,812,362	837,587	1,169,348	7,804	0	19,889,980	24,759,560
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	39,985	2,647,224	788,406	1,100,685	7,346	0	18,722,067	23,305,717
2015	44,642	2,955,568	880,238	1,228,892	8,202	0	20,902,785	26,020,323
2016	44,525	2,947,802	877,925	1,225,662	8,180	0	20,847,856	25,951,950
2017	45,830	3,034,222	903,663	1,261,595	8,420	0	21,459,047	26,712,777
2018	43,516	2,880,977	858,023	1,197,877	7,995	0	20,375,245	25,363,633
2019	43,094	2,853,093	849,718	1,186,283	7,917	0	20,178,047	25,118,152
2020	61,497	4,137,833	1,241,126	1,692,849	11,299	0	29,207,394	36,351,998
<b>2021</b>	<b>62,760</b>	<b>4,229,163</b>	<b>1,269,335</b>	<b>1,727,650</b>	<b>11,531</b>	<b>0</b>	<b>29,846,788</b>	<b>37,147,227</b>
2022	60,366	4,066,181	1,220,208	1,661,729	11,091	0	28,697,920	35,717,495
2023	49,648	3,345,503	1,004,110	1,366,683	9,121	0	23,610,510	29,385,575
2024	52,180	3,513,608	1,054,238	1,436,381	9,587	0	24,798,986	30,864,980
2025	59,617	4,006,894	1,201,276	1,641,086	10,952	0	28,286,855	35,206,680
2026	22,827	1,555,089	468,935	628,373	4,194	0	10,960,682	13,640,100
2027	23,456	1,599,254	482,423	645,686	4,309	0	11,270,861	14,025,989
2028	15,304	1,040,818	313,629	421,286	2,812	0	7,337,426	9,131,275
2029	15,948	1,085,246	327,103	438,997	2,929	0	7,650,083	9,520,306
2030	3,373	223,320	66,510	92,854	620	0	1,579,389	1,966,066
2031	3,361	222,515	66,270	92,519	617	0	1,573,702	1,958,984
2032	3,367	222,922	66,391	92,689	619	0	1,576,583	1,962,571
2033	3,363	222,620	66,301	92,563	618	0	1,574,441	1,959,906
2034	3,367	222,934	66,395	92,693	619	0	1,576,658	1,962,666
2035	3,369	223,015	66,419	92,726	619	0	1,577,233	1,963,381
<b>TOTAL</b>	<b>1,719,710</b>	<b>114,388,935</b>	<b>34,138,424</b>	<b>47,339,263</b>	<b>315,946</b>	<b>0</b>	<b>808,540,359</b>	<b>1,006,442,637</b>

<sup>1</sup> For years 1988 through 2018, charges are debt service only and do not include bond cover; 2019 charges and after include both debt service and bond cover.

<sup>2</sup> East Branch Enlargement Phase 2 debt service schedule started in 2017, and this table is the sum of East Branch Enlargement Phase 1 and Phase 2 capital charges for each contractor.

<sup>3</sup> 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	403,587	121,508	120,201	40	57,719	2,768,525	3,471,712
2001	10	307,323	89,527	93,873	3	32,682	2,122,384	2,645,802
2002	49	389,719	108,153	139,732	15	46,448	2,719,495	3,403,611
2003	0	451,900	123,861	164,862	0	50,526	3,160,993	3,952,142
2004	1,278	499,455	153,176	141,346	265	73,996	3,412,054	4,281,570
2005	745	471,807	156,939	97,668	154	75,710	3,161,022	3,964,045
2006	1,965	487,751	147,506	144,658	407	72,084	3,342,745	4,197,116
2007	0	658,904	223,589	127,886	0	114,586	4,392,818	5,517,783
2008	0	686,504	214,688	187,512	0	111,895	4,669,684	5,870,283
2009	(2)	727,864	240,416	156,285	0	116,981	4,885,267	6,126,811
2010	0	664,487	210,990	164,562	0	98,197	4,502,537	5,640,773
2011	0	685,366	213,781	172,261	0	86,139	4,662,122	5,819,669
2012	2	645,792	200,983	173,397	1	95,858	4,396,773	5,512,806
2013	0	738,071	235,758	180,831	0	113,033	4,994,360	6,262,053
2014	139	888,229	280,915	223,977	29	131,844	6,024,403	7,549,536
2015	(418)	1,064,701	351,566	235,595	(87)	181,259	7,147,655	8,980,271
2016	0	1,069,974	340,889	263,625	0	161,728	7,244,597	9,080,813
2017	0	1,021,613	337,557	217,148	0	161,381	6,855,969	8,593,668
2018	0	1,125,491	397,804	166,777	0	195,411	7,422,021	9,307,504
2019	0	1,226,032	415,739	229,626	0	199,009	8,173,824	10,244,230
2020	0	1,341,739	463,206	228,296	0	223,389	8,903,623	11,160,253
<b>2021</b>	<b>0</b>	<b>1,319,220</b>	<b>448,318</b>	<b>241,962</b>	<b>0</b>	<b>211,166</b>	<b>8,789,772</b>	<b>11,010,438</b>
2022	0	1,325,903	454,247	233,164	0	215,022	8,815,842	11,044,178
2023	0	1,325,903	454,247	233,164	0	215,022	8,815,842	11,044,178
2024	0	1,325,903	454,247	233,164	0	215,022	8,815,842	11,044,178
2025	0	1,325,903	454,247	233,164	0	215,022	8,815,842	11,044,178
2026	0	1,325,903	454,247	233,164	0	215,022	8,815,842	11,044,178
2027	0	1,325,903	454,247	233,164	0	215,022	8,815,842	11,044,178
2028	0	1,325,903	454,247	233,164	0	215,022	8,815,842	11,044,178
2029	0	1,325,903	454,247	233,164	0	215,022	8,815,842	11,044,178
2030	0	1,325,903	454,247	233,164	0	215,022	8,815,842	11,044,178
2031	0	1,325,903	454,247	233,164	0	215,022	8,815,842	11,044,178
2032	0	1,325,903	454,247	233,164	0	215,022	8,815,842	11,044,178
2033	0	1,325,903	454,247	233,164	0	215,022	8,815,842	11,044,178
2034	0	1,325,903	454,247	233,164	0	215,022	8,815,842	11,044,178
2035	0	1,325,903	454,247	233,164	0	215,022	8,815,842	11,044,178
<b>TOTAL</b>	<b>3,937</b>	<b>37,379,469</b>	<b>12,441,821</b>	<b>7,695,667</b>	<b>838</b>	<b>5,974,223</b>	<b>250,391,374</b>	<b>313,887,329</b>

**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	
1971	[1] 0	[2] 0	[3] 0	[4] 0	[5] 0	[6] 0	[7] 0	[8] 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	3,649,696	1,088,276	1,469,896	9,048	57,719	25,726,111	32,049,909
2001	49,058	3,554,586	1,056,638	1,444,048	9,014	32,682	25,088,132	31,234,158
2002	47,943	3,560,567	1,052,506	1,458,134	8,814	46,448	25,144,813	31,319,225
2003	40,765	3,150,771	927,648	1,287,022	7,489	50,526	22,248,330	27,712,551
2004	45,451	3,423,942	1,024,157	1,357,314	8,380	73,996	24,095,023	30,028,263
2005	33,855	2,663,842	809,778	1,009,091	6,237	75,710	18,663,835	23,262,348
2006	48,911	3,595,817	1,073,161	1,436,956	9,032	72,084	25,324,044	31,560,005
2007	45,254	3,654,939	1,115,879	1,373,603	8,314	114,586	25,581,800	31,894,375
2008	42,479	3,498,866	1,052,275	1,356,860	7,804	111,895	24,559,664	30,629,843
2009	43,668	3,619,046	1,101,478	1,358,406	8,023	116,981	25,332,691	31,580,293
2010	44,839	3,633,106	1,095,115	1,398,880	8,238	98,197	25,497,621	31,775,996
2011	43,190	3,544,785	1,065,383	1,361,175	7,935	86,139	24,884,907	30,993,514
2012	43,706	3,539,241	1,062,720	1,376,460	8,030	95,858	24,860,232	30,986,247
2013	37,663	3,231,540	978,372	1,217,587	6,919	113,033	22,629,020	28,214,134
2014	40,124	3,535,453	1,069,321	1,324,662	7,375	131,844	24,746,470	30,855,249
2015	44,224	4,020,269	1,231,804	1,464,487	8,115	181,259	28,050,440	35,000,598
2016	44,525	4,017,776	1,218,814	1,489,287	8,180	161,728	28,092,453	35,032,763
2017	45,830	4,055,835	1,241,220	1,478,743	8,420	161,381	28,315,016	35,306,445
2018	43,516	4,006,468	1,255,827	1,364,654	7,995	195,411	27,797,266	34,671,137
2019	43,094	4,079,125	1,265,457	1,415,909	7,917	199,009	28,351,871	35,362,382
2020	61,497	5,479,572	1,704,332	1,921,145	11,299	223,389	38,111,017	47,512,251
<b>2021</b>	<b>62,760</b>	<b>5,548,383</b>	<b>1,717,653</b>	<b>1,969,612</b>	<b>11,531</b>	<b>211,166</b>	<b>38,636,560</b>	<b>48,157,665</b>
2022	60,366	5,392,084	1,674,455	1,894,893	11,091	215,022	37,513,762	46,761,673
2023	49,648	4,671,406	1,458,357	1,599,847	9,121	215,022	32,426,352	40,429,753
2024	52,180	4,839,511	1,508,485	1,669,545	9,587	215,022	33,614,828	41,909,158
2025	59,617	5,332,797	1,655,523	1,874,250	10,952	215,022	37,102,697	46,250,858
2026	22,827	2,880,992	923,182	861,537	4,194	215,022	19,776,524	24,684,278
2027	23,456	2,925,157	936,670	878,850	4,309	215,022	20,086,703	25,070,167
2028	15,304	2,366,721	767,876	654,450	2,812	215,022	16,153,268	20,175,453
2029	15,948	2,411,149	781,350	672,161	2,929	215,022	16,465,925	20,564,484
2030	3,373	1,549,223	520,757	326,018	620	215,022	10,395,231	13,010,244
2031	3,361	1,548,418	520,517	325,683	617	215,022	10,389,544	13,003,162
2032	3,367	1,548,825	520,638	325,853	619	215,022	10,392,425	13,006,749
2033	3,363	1,548,523	520,548	325,727	618	215,022	10,390,283	13,004,084
2034	3,367	1,548,837	520,642	325,857	619	215,022	10,392,500	13,006,844
2035	3,369	1,548,918	520,666	325,890	619	215,022	10,393,075	13,007,559
<b>TOTAL</b>	<b>1,723,647</b>	<b>151,768,404</b>	<b>46,580,245</b>	<b>55,034,930</b>	<b>316,784</b>	<b>5,974,223</b>	<b>1,058,931,733</b>	<b>1,320,329,966</b>



