

Bulletin 132-21
Appendix B

Data and Computations
Used to Determine
2022 Water Charges

DEPARTMENT OF WATER RESOURCES

P.O. BOX 942836
SACRAMENTO, CA 94236-0001
(916) 653-5791



12/14/2021

State Water Project Contractors:

The Department of Water Resources has 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 2022.

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

The report, Bulletin 132-21, Appendix B, will also be published as part of the Department of Water Resources' Bulletin 132-21.

Sincerely,

A handwritten signature in cursive script that reads "Hong Lin".

Hong Lin,
State Water Project Financial Manager

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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.

Full Name	Abbreviation
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 ¹	Santa Clarita
Solano County Water Agency	Solano
Tulare Lake Basin Water Storage District	Tulare
Ventura County Watershed Protection District	Ventura

¹ 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 2022 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 2022. The information is based on established data about the SWP, both known and projected, as of June 2021 however, small volumes of water may be reclassified over time pursuant to water supply contract provisions. 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

Project Transportation Facilities

- Grizzly Valley Pipeline

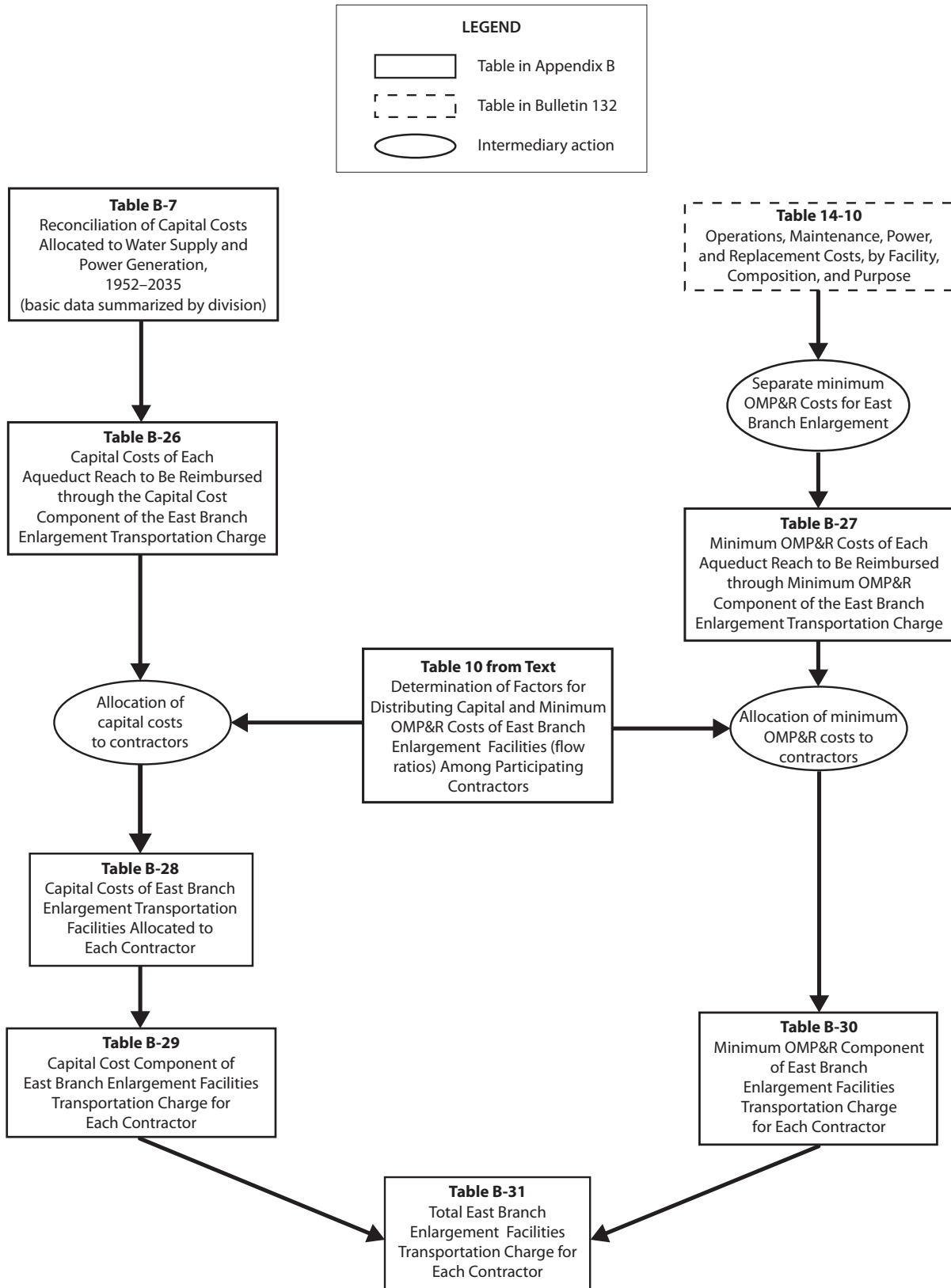


Figure B-2 Relationships of Data Used to Substantiate East Branch Enlargement Charges

- 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.

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 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

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. 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. 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

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 2022.

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 2021, 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 Attachment 3, which is 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.

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

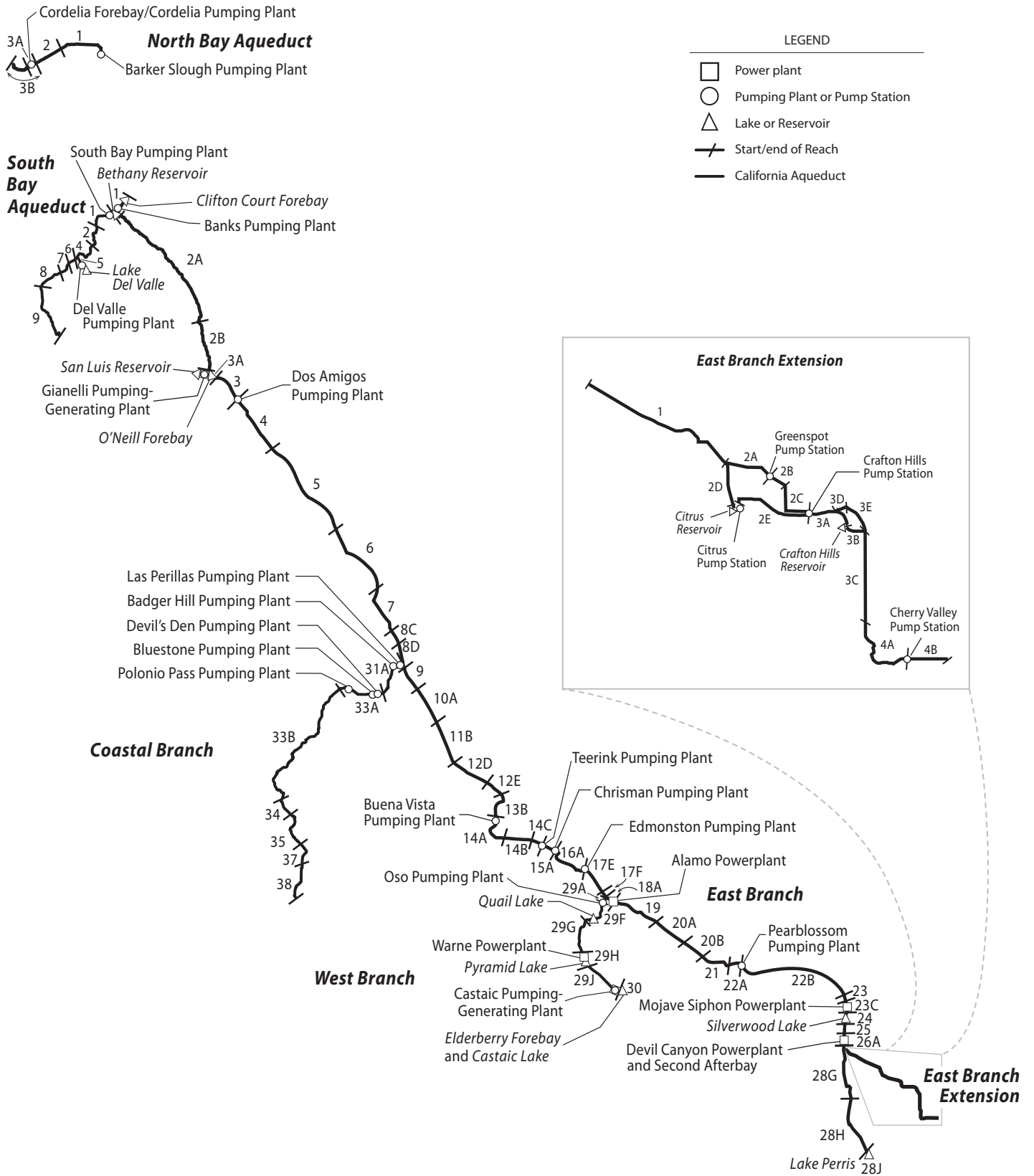


Figure B-4 Repayment Reaches and Descriptions

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
Transfers under Monterey Amendment				
Kern	Mojave	25,000	1998	Purchased capacity upstream of Reach 31A
Kern	Santa Clarita Valley ¹	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>		
Transfers outside of Monterey Amendment				
Tulare	Dudley Ridge	3,973	2002	Purchased capacity upstream of Reach 8D
Tulare	AVEK	3,000	2002	Purchased capacity upstream of Reach 8D
Tulare	Alameda-Zone 7	400	2003	Purchased capacity upstream of Reach 8D
Tulare	Kings	5,000	2004	Purchased capacity upstream of Reach 8D
Tulare	Coachella	9,900	2004	Purchased capacity upstream of Reach 8D
Metropolitan	Coachella	88,100	2005	Purchased capacity upstream of Reach 28J
Metropolitan	Desert	11,900	2005	Purchased capacity upstream of Reach 28J
Tulare	Kings	305	2006	Purchased capacity upstream of Reach 31A
Tulare	Desert	1,750	2010	Purchased capacity upstream of Reach 17F
Tulare	Coachella	5,250	2010	Purchased capacity upstream of Reach 17F
Kern	Desert	4,000	2010	Purchased capacity upstream of Reach 17F and Reach 31A
Kern	Coachella	12,000	2010	Purchased capacity upstream of Reach 17F and Reach 31A
Dudley Ridge	Mojave	7,000	2010	Purchased capacity upstream of Reach 8D
Dudley Ridge	AVEK	1,993	2014	Purchased capacity upstream of Reach 8D
Tulare	AVEK	1,451	2014	Purchased capacity upstream of Reach 8D
Dudley Ridge	Mojave	3,000	2015	Purchased capacity upstream of Reach 8D
Dudley Ridge	Mojave	4,000	2020	Purchased capacity upstream of Reach 8D
<i>Subtotal outside of Article 53</i>		<i>163,022</i>		

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

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 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.

- *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.

Water made available to SWP water contractors at down-aqueduct delivery structures and deliveries made from storage withdrawals bear the same variable OMP&R costs per acre-foot as they would if the deliveries were conveyed from the Delta in that year. The 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.

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, 2020; 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 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 contractor-constructed turnouts.

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

- additional costs incurred by 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

Table 2 Project Purpose Cost Allocation Factors (percentages)¹

PROJECT FACILITIES	Water Supply and Power Generation		All Other Purposes (Nonreimbursable)	
	Capital Costs	Minimum OMP&R Costs	Capital Costs	Minimum OMP&R Costs
Project Conservation Facilities				
Frenchman Dam and Lake	21.5	0.0	78.5	100.0
Antelope Dam and Lake	0.0	0.0	100.0	100.0
Grizzly Valley Dam and Lake Davis	1.0	1.8	99.0	98.2
Oroville Division ²	97.1	99.5	2.9	0.5
California Aqueduct, Delta to Dos Amigos Pumping Plant	96.6	96.7	3.4	3.3
Delta Facilities				
Peripheral Canal Related	86.0	86.0	14.0	14.0
Remaining of Delta Facilities	96.6	96.7	3.4	3.3
Transportation Facilities				
Grizzly Valley Pipeline	100.0	100.0	0.0	0.0
North Bay Aqueduct	100.0	100.0	0.0	0.0
South Bay Aqueduct				
Del Valle Dam and Lake Del Valle	25.2	22.0	74.8 ^a	78.0 ^b
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) ^{3,4}	94.3 / 99.6	96.9 / 99.6	5.7 / 0.4	3.1 / 0.4
Aqueduct and Plants ^{3,4}	94.3 / 99.6	96.9 / 99.6	5.7 / 0.4	3.1 / 0.4
Pyramid Dam and Lake ^{3,4}	94.3 / 96.1	96.9 / 96.1	5.7 / 3.9	3.1 / 3.9
Castaic Dam and Lake ^{3,4}	94.3 / 91.1	96.9 / 91.1	5.7 / 8.9	3.1 / 8.9
Silverwood Dam and Lake ^{3,4}	94.3 / 85.3	96.9 / 85.3	5.7 / 14.7	3.1 / 14.7
Perris Dam and Lake ^{3,4}	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

¹ Percentages indicated apply to the majority of the facilities with minor exceptions.

² 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.

³ Percentage indicated consists of 48.0 percent of costs allocated to recreation and 26.8 percent to flood control.

^b Percentage indicated consists of 44.9 percent of costs allocated to recreation and 33.1 percent to flood control.

³ Percentage indicated is used for 2012 and previous years.

⁴ Percentage indicated is used for 2013 and forward.

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 2022 and 2023, and escalation of certain projected operating costs (labor and operating expense) were 1 percent per year for 2024–2035. Labor and operating expense escalation rates were originally set at 4.0 percent per year for 2022 through 2023, in the Bulletin 132-21 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 Attachment 3 of each Statement of Charges. 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 Attachment 3 of the Statements of Charges.

Prepayments of the capital cost component, required under Metropolitan's Amendment 7, are included as negative capital costs in *Table B-14* and Attachment 3 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 Coastal Branch Extension and East Branch Extension to provide water service to San Bernardino Valley Municipal Water District and San Geronio Pass Water Agency. *Table B-14* also includes costs of the Coastal Branch Extension to provide water service to Santa Barbara Flood Control and Water Conservation District.

Both *Table B-14* and Attachment 3 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 Attachment 3 of the Statements of Charges. Costs of excess capacity are billed separately and are not included in *Table B-15*.

Table B-15 includes the debt service payments due from the six 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 Attachment 3 of the Statements of Charges.

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 Attachment 3 include the operating

Table 3 Criteria for Amortizing Capital Costs of Transportation Facilities

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

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

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

^b For City of Yuba City and County of Butte, payments for Delta Water Charge only.

^c Payment deferred for 1963 and added to 1964 payment with accrued interest.

^d 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.

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

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

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 1969 through 1996 for any additional operating costs caused by early installation of units in Las Perillas and Badger Hill pumping plants by Berrenda Mesa Water 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.

Following the execution of the Monterey Amendment, settlement agreements were made. The costs associated with those settlements 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 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.

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

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

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 2020. The ongoing Reid Gardner Powerplant environmental remediation costs related to the Reid Gardner Powerplant contract expiration in 2013 are tracked independently from annual Reid Gardner operating costs.

Table 5 Summary of 2020 Off-Aqueduct Power Facility Charges and Credits (in dollars)

Charges by Item	
Reid Gardner Powerplant	0
Reid Gardner Closure Costs	2,364,148
Bottle Rock Powerplant	0
South Geysers Powerplant	0
<i>Subtotal</i>	<i>2,364,148</i>
Credits by Item	
Power Sales	0
Net Total Charge	2,364,148

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 2021–2025.

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 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 contractor’s water is calculated using the kilowatt-hour per acre-foot factors shown in Table 7 for the pumping plants upstream from the delivery turnouts. The amounts shown include transmission losses.

Table B-17 presents a summary of actual and projected total variable OMP&R costs for each acre-foot conveyed through each aqueduct pumping plant and power plant for each year of the project. 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

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

Year	Total Annual Cost	25 Percent Bond Cover
2021	4,068,000	-
2022	5,200,000	-
2023	10,000,000	-
2024	5,400,000	-
2025	1,000,000	-
2026	0	-
2027	0	-
2028	0	-
2029	0	-
2030	0	-
2031	0	-
2032	0	-
2033	0	-
2034	0	-
2035	0	-

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

Pumping Plant	kWh per acre-foot ¹	
	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

¹ Includes transmission losses.

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 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 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 Attachment 3 of the Statements of Charges.

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 Attachment 3 of the Statements of Charges.

In accordance with provisions of the Devil Canyon-Castaic contract, Table B-19 and Attachment 3 include amounts of debt service and operating cost payments due from the six SWP water contractors located down-aqueduct from Devil Canyon and Castaic power plants.

Delta Water Charges

Table B-20A presents the calculation of the Delta Water Rate for the initial Conservation Facilities applicable in 2022 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 2022 Delta Water Rate from Table B-20A.

Table B-21 summarizes the annual Delta Water Charge for each SWP 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 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 2024–2035.

Water System Revenue Bond Surcharge

Table B-22 summarizes the Water System Revenue Bond Surcharge to the capital cost component of the Delta Water Charge and Transportation Charge 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 Water System Revenue Bond Series B through Series BC. 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 contractor (the sum of the Transportation Charge in Table B-19, the Delta Water Charge in Table B-21, and the Water System Revenue Bond Surcharge in Table B-22). The charges do not reflect past payments by SWP water contractors and are unadjusted for prior overpayments or underpayments.

EQUIVALENT TOTAL WATER CHARGES

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

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.

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

Year	Cordelia Napa	Cordelia Solano	Barker Slough	South Bay	Banks	Las Perillas		Buena Vista	Teerink	Chrisman	Edmonston	Pearblossom	Oso	Total
						Dos Amigos	and Badger Hill							
1972	0	0	0	0	0	10,579	24,700	0	0	0	0	0	0	35,279
1973	0	0	0	0	0	0	6,016	0	0	0	0	0	0	6,016
1974	0	0	0	0	0	0	7,140	0	0	0	0	0	0	7,140
1975	0	0	0	0	0	494	6,397	0	0	0	0	0	0	6,891
1976	0	0	0	0	0	0	1,981	0	0	0	0	0	0	1,981
1977	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	45,145	3,680	0	0	0	0	0	0	48,825
1979	0	0	0	0	0	0	3,306	0	0	0	0	0	0	3,306
1980	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	12,126	0	0	0	0	0	0	0	12,126
1982	0	0	0	0	0	89,339	0	0	0	0	0	0	0	89,339
1983	0	0	0	35	7,594	3,534	152	0	0	0	0	0	0	11,315
1984	0	0	0	2,096	84,396	38,607	7,203	11,173	3,823	3,593	0	0	0	150,891
1985	0	0	0	1,480	19,612	8,841	763	4,488	4,412	8,929	28,353	0	0	76,878
1986	0	0	0	0	1,864	863	0	291	354	766	2,683	0	0	6,821
1987	0	0	0	604	17,129	7,838	835	2,295	1,806	3,460	11,058	0	0	45,025
1988	639	39	287	894	43,475	20,082	2,213	5,792	4,367	8,272	25,886	0	0	111,946
1989	2,491	566	1,483	70	40,251	18,642	1,935	3,401	1,531	2,058	3,793	0	0	76,221
1990	45	0	18	343	19,524	9,044	0	150	145	314	643	0	0	30,226
1991	903	0	281	0	21	8	0	15	17	39	139	41	0	1,464
1992	208	117	203	0	7,070	2,502	0	182	190	435	0	0	0	10,907
1993	0	681	889	4,483	123,080	54,741	0	8,898	5,458	10,900	35,068	11,139	0	255,337
1994	0	366	393	679	6,566	2,795	454	1,083	155	357	1,121	0	132	14,101
1995	0	0	0	1,717	24,464	9,422	27	1,865	3,475	782	1,104	400	0	43,256
1996	4	0	1	1,983	10,031	4,976	0	391	432	1,015	3,404	1,160	0	23,397
1997	0	1,780	2,152	3,107	337,357	165,774	1,753	34,604	12,296	15,910	21,028	0	0	595,761
1998	0	0	0	20,966	235,693	106,251	2,354	697	848	1,836	6,426	0	0	375,071
1999	0	0	0	0	63,196	26,235	0	3,394	4,136	8,959	31,350	7,740	0	145,010
2000– 2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	4,290	3,549	5,707	38,457	1,041,323	637,838	70,909	78,719	43,445	67,625	172,056	20,480	132	2,184,530

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

Year	Napa	Solano	Alameda- Zone 7	Alameda County	Santa Clara	Dudley Ridge	Empire	Kern	Kings	Oak Flat	Tulare	AVEK	Coachella	Desert	Littlerock	Palmdale	San Gabriel	Santa Clarita ¹	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	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	0	391	11,315
1984	0	0	0	0	2,874	0	0	144,021	281	809	0	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	0	256	76,878
1986	0	0	0	0	0	0	0	0	0	13	2,194	4,614	0	0	0	0	0	0	6,821
1987	0	0	229	0	599	313	84	24,141	0	95	0	18,207	0	0	812	0	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	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- 2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	5,893	7,653	34,577	13,644	3,521	55,250	5,974	1,620,176	3,692	2,017	102,158	123,049	24,983	41,156	2,439	74,749	53,741	9,858	2,184,530

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

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 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).

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

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 2022.

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 operations 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 operations originally paid by Alameda-Zone 7 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 2022 Statements of Charges as described above.

Table 11 East Branch Extension Facilities Debt Service for 2022

SWP Water Contractor	Share of Participation (percent)	Total Debt Service Charge (in dollars)
Phase 1 Original		
San Bernardino	45.8417	4,383,220
San Gorgonio	54.1583	5,178,422
<i>Subtotal</i>	<i>100.0000</i>	9,561,642
Phase 1 Improvements		
San Bernardino	63.3410	3,601,448
San Gorgonio	36.6590	2,084,360
<i>Subtotal</i>	<i>100.0000</i>	5,685,808
Phase 2		
San Bernardino	64.4210	12,218,159
San Gorgonio	35.5790	7,747,952
<i>Subtotal</i>	<i>100.0000</i>	18,966,111
Total		34,213,561

The 2018 Statements of Charges (Bulletin 132-17) 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.

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

For Calendar Year 2012 and Previous Years				
Reach Number	Reach Description	San Bernardino	San Gorgonio	Total
1	Devil Canyon Powerplant to Junction, Foothill Pipeline near Cone Camp Road	0.557330	0.442670	1.000000
2A	Junction, Foothill Pipeline near Cone Camp Road to Greenspot Pump Station	0.557330	0.442670	1.000000
2B	Greenspot Pump Station to Morton Canyon Valve Vault	0.777778	0.222222	1.000000
2C	Morton Canyon Valve Vault to Crafton Hills Pump Station	0.777778	0.222222	1.000000
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

For Calendar Year 2013 and Forward				
Reach Number	Reach Description	San Bernardino	San Gorgonio	Total
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.

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.

Table 13 South Bay Aqueduct Enlargement Debt Service for 2022

Project	Total Debt Service Charge (in dollars)
Enlargement	
Alameda-Zone 7	17,90,608
Off-Peak Pumping	1,646,177
Total	18,936,785

Delta Programs

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

Delta Conveyance

The first agreement pertains to the Bay Delta Conservation Plan (BDCP), which was agreed to in a 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 facilities 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.

In 2020 and again in 2021, funding agreements were signed for a potential Delta conveyance project; planning and design was included for bill years 2021 and 2022. A total of \$44.7 million was billed directly as separate line items in the Statements of Charges and is not reflected in the appendix tables.

Water Purchases

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.

Lake Perris Seepage Recovery Project

In the 2017 Statements of Charges, Metropolitan agreed to fund \$7.25 million (\$7.4 million with interest) for 2016 and 2017 planning and design costs for a proposed Lake Perris Seepage Recovery Project. Prior to the 2022 Statements of Charges, Desert Water Agency and Coachella Valley Water District executed agreements to participate in the project planning and design. DWR approved the use of Article 24(c)(2) of the water supply contracts to allow contractors to repay capital costs at an accelerated rate. DWR refunded Metropolitan the originally advanced \$7.4 million collected as a line item under the Transportation Minimum Component. DWR included agreed upon amounts of \$549 thousand for Desert Water Agency and \$7.96 million for Metropolitan for the Lake Perris Seepage Recovery Project advanced funding charges under Transportation Capital Attachment 4D in the 2022 Statements of Charges. Coachella Valley Water District agreed to recover this project as an amortized charge under the Transportation Capital Component.

TABLE B-1 Factors for Distributing Reach Capital Costs Among Contractors¹

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

Reach No.	Reach Description	San Luis Obispo	Santa Barbara	AVEK	Coachella	Crestline	Desert	Littlerock
CALIFORNIA AQUEDUCT								
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					

¹ 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 Contractors¹

Reach No.	Dudley Ridge	Empire	Future Contractor San Joaquin Valley	Kern		Kings	Oak Flat	Tulare
				Municipal and Industrial	Agricultural			
CALIFORNIA AQUEDUCT								
1	0.01707770	0.00088678	0.00254693	0.02741768	0.30629913	0.00090695	0.00167121	0.03504975
2A	0.01781031	0.00092482	0.00266258	0.02864263	0.31945188	0.00094747	0.00174288	0.03655331
2B	0.01785838	0.00092731	0.00266550	0.02868743	0.32030556	0.00094896		0.03665201
3	0.01786337	0.00092757	0.00266499	0.02868589	0.32039254	0.00094892		0.03666225
4	0.01786863	0.00092785	0.00266446	0.02868428	0.32048398	0.00094886		0.03667303
5	0.01787517	0.00092819	0.00266380	0.02868227	0.32059816	0.00094879		0.03668649
6	0.01788508	0.00092870	0.00266279	0.02867923	0.32077093	0.00094868		0.03670685
7	0.01788826	0.00092887	0.00266246	0.02867825	0.32082633	0.00094864		0.03671338
8C	0.01789228	0.00092909	0.00266205	0.02867702	0.32089625	0.00094859		0.03672162
8D	0.01828779		0.00271703	0.02928147	0.32798200			0.01828057
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 ²	Metropolitan	Ventura	California Aqueduct Total
CALIFORNIA AQUEDUCT									
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

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

² 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 Contractors¹

Reach No.	Reach Description	Napa	Solano	Alameda-Zone 7 ²	Alameda County	Santa Clara	Future South Bay Contractor	Total
NORTH BAY AQUEDUCT								
1	Barker Slough through Fairfield/Vacaville Turnout	0.29251728	0.70748272					1.00000000
2	Fairfield/Vacaville Turnout to Cordelia Forebay	0.42000793	0.57999207					1.00000000
3A	Cordelia Forebay through Benicia and Vallejo Turnouts		1.00000000					1.00000000
3B	Cordelia Forebay through Napa Turnout Reservoir	1.00000000						1.00000000
SOUTH BAY AQUEDUCT²								
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
CALIFORNIA AQUEDUCT								
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
CALIFORNIA AQUEDUCT								
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	0.03280575	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					

¹ Proportionate use factors apply to 2022, and reflect permanent capacity water transfers that have been signed as of February 1, 2021.

² 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 Contractors¹

Reach No.	Napa	Solano	Alameda-Zone 7	Dudley Ridge	Empire	Future Contractor San Joaquin Valley	Kern		Kings	Oak Flat	Tulare
							Municipal and Industrial	Agricultural			
CALIFORNIA AQUEDUCT											
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		0.02707552
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 ²	Metroplitan	Ventura	California Aqueduct Total
CALIFORNIA AQUEDUCT									
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

¹ Proportionate use factors apply to 2022 and reflect permanent capacity water transfers that have been signed as of February 1, 2021.

² Castaic 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 Plant¹ (in dollars)

Calendar Year	NORTH BAY AQUEDUCT			SOUTH BAY AQUEDUCT	CALIFORNIA AQUEDUCT			
	Reach 1	Reach 3A	Reach 3B	Reach 1*	Reach 1	Reach 4	Reach 14A	Reach 15A
	Barker Slough Pumping Plant	Cordelia Pumping Plant Solano	Cordelia Pumping Plant Napa ²	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	462,111	228,602	257,569	4,819,491	23,715,006	11,695,763	17,525,962	19,010,104
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	103,298	164,960	2,502,266	13,817,405	4,321,537	7,111,190	7,918,673
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	390,522	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	310,500	185,234	200,744	3,347,913	47,565,007	22,786,344	24,575,554	25,903,780
2018	538,277	313,909	342,546	5,573,674	31,770,996	11,881,306	15,476,432	15,985,383
2019	480,702	265,853	337,820	2,882,357	43,147,702	17,697,724	18,965,532	20,058,958
2020	600,922	371,216	399,188	4,788,083	17,691,531	7,967,640	10,082,476	11,993,898
2021	595,208	251,810	390,084	5,828,570	26,780,699	5,212,534	9,938,956	8,898,066
2022	596,826	0	569,595	5,289,964	44,093,754	17,846,237	23,399,613	23,848,477
2023	696,447	0	664,670	5,453,497	45,056,204	17,215,243	22,073,371	22,365,683
2024	644,130	0	421,755	5,865,968	54,646,800	20,403,180	25,648,141	26,455,147
2025	645,432	0	422,608	5,877,824	31,092,080	20,272,575	25,390,871	26,173,364
2026	645,390	0	422,580	5,877,438	55,930,466	20,271,242	25,389,201	26,171,643
2027	645,520	0	422,665	5,878,626	27,732,713	20,275,339	25,394,332	26,176,931
2028	645,273	0	422,503	5,876,370	48,948,866	20,267,559	25,384,588	26,166,888
2029	645,414	0	422,596	5,877,661	53,847,924	20,272,011	25,390,164	26,172,636
2030	645,413	0	422,595	5,877,649	42,463,346	20,271,968	25,390,111	26,172,581
2031	645,404	0	422,589	5,877,568	41,209,988	20,271,691	25,389,763	26,172,222
2032	645,416	0	422,597	5,877,679	46,861,774	20,272,074	25,390,243	26,172,717
2033	645,493	0	422,647	5,878,374	41,465,822	20,274,470	25,393,244	26,175,811
2034	645,258	0	422,493	5,876,235	42,006,631	20,267,091	25,384,002	26,166,284
2035	645,562	0	422,693	5,884,084	46,925,341	20,276,660	25,395,988	26,178,639
TOTAL	16,944,066	4,275,572	12,066,844	179,149,908	1,294,850,654	544,435,709	668,692,912	696,750,428

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

² Power costs for the period 1968 through 1987 are for an interim facility.

* 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 Plant¹ (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 Pump Station	
	[9]	[10]	[11]	[12]	[13]	[14]	[15]	[16]	
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	0	0	0	0	0	0	0	0	0
1972	142,902	542,625	0	3,468	0	(3,024)	0	0	0
1973	387,198	1,548,428	0	202,289	0	(461,268)	0	0	0
1974	564,464	2,164,223	0	324,993	0	(546,156)	0	0	0
1975	1,095,331	4,010,395	0	575,061	0	(1,095,523)	0	0	0
1976	1,506,985	5,443,936	0	889,544	0	(1,566,056)	0	0	0
1977	652,643	2,345,033	0	315,128	0	(1,222,866)	0	0	0
1978	1,132,296	4,180,131	0	1,508,115	0	(3,085,094)	0	0	0
1979	1,526,850	5,475,688	0	1,838,687	0	(3,466,481)	0	0	0
1980	2,102,439	7,028,235	0	1,762,063	0	(3,318,152)	0	0	0
1981	2,838,773	9,351,931	0	2,296,771	0	(3,842,971)	0	0	0
1982	2,424,920	8,352,207	0	1,498,620	0	(2,736,072)	0	0	0
1983	793,915	2,375,225	0	397,766	0	(5,478,830)	0	0	0
1984	1,479,784	4,585,198	0	624,213	0	(7,350,989)	0	0	0
1985	2,812,461	9,365,591	0	1,226,515	0	(10,748,103)	0	0	0
1986	4,999,949	16,956,023	(1,013,756)	2,359,599	0	(11,484,996)	0	0	0
1987	4,586,919	15,121,886	(1,064,827)	1,907,854	0	(11,151,140)	0	0	0
1988	5,284,130	17,342,811	(744,374)	2,375,784	0	(14,495,967)	0	0	0
1989	8,772,733	29,455,330	(789,392)	4,235,981	0	(18,688,631)	0	0	0
1990	13,814,150	49,027,449	(841,172)	6,559,548	0	(21,045,321)	0	0	0
1991	2,535,180	9,033,684	(269,625)	996,352	0	(4,884,013)	0	0	0
1992	2,907,026	9,754,469	(975,679)	1,225,121	0	(9,782,946)	0	0	0
1993	(598,008)	(2,721,158)	(58,116)	(260,035)	0	(7,502,549)	0	0	0
1994	5,941,789	20,657,617	(60,125)	2,644,592	0	(11,998,949)	0	0	0
1995	1,752,212	5,829,425	(1,324,810)	1,106,460	0	(9,742,248)	0	0	0
1996	5,050,986	17,658,964	(2,955,178)	2,833,791	(979,429)	(12,358,465)	0	0	0
1997	5,545,919	19,859,875	(2,572,220)	3,156,995	(1,748,195)	(13,830,356)	0	0	0
1998	(664,843)	(2,312,472)	(2,016,390)	(443,482)	(1,253,110)	(10,108,555)	0	0	0
1999	3,755,592	14,466,419	(2,980,122)	1,910,542	(2,587,958)	(15,232,207)	0	0	0
2000	7,198,298	25,885,224	(5,123,988)	3,787,674	(4,402,610)	(25,758,437)	0	0	0
2001	35,022,118	127,851,427	(3,383,762)	18,669,512	(3,714,425)	(20,062,834)	0	0	0
2002	21,173,346	77,461,814	(5,057,760)	10,849,297	(5,371,837)	(25,292,454)	0	0	0
2003	25,596,032	94,010,922	(3,408,979)	14,573,122	(6,565,620)	(27,777,638)	0	0	0
2004	30,537,142	112,157,127	(6,431,864)	17,022,676	(7,858,117)	(32,044,505)	78,555	0	0
2005	27,903,257	98,001,353	(5,880,165)	17,491,390	(6,454,740)	(28,818,797)	69,675	0	0
2006	27,031,692	85,162,213	(4,091,143)	15,897,803	(6,391,206)	(34,897,387)	123,850	0	0
2007	41,483,141	138,963,883	(3,029,048)	19,290,741	(5,896,486)	(28,814,592)	249,247	0	0
2008	26,303,550	82,319,716	(3,426,928)	10,848,292	(3,300,797)	(16,968,293)	243,120	0	0
2009	16,505,648	75,455,351	(3,266,008)	9,232,680	(2,288,833)	(13,842,660)	360,469	0	0
2010	26,188,035	95,967,889	(5,115,083)	16,896,385	(5,653,201)	(24,769,829)	313,518	0	0
2011	33,898,542	118,678,644	(6,536,645)	23,343,392	(7,792,422)	(32,285,174)	371,784	0	0
2012	32,006,954	111,758,355	(2,492,869)	16,862,107	(8,905,115)	(23,525,846)	436,935	0	0
2013	29,886,253	105,217,112	(2,081,221)	12,238,125	(4,915,165)	(14,305,918)	460,795	0	0
2014	19,719,066	68,276,577	(1,786,122)	7,199,676	(1,465,644)	(5,391,598)	317,659	0	0
2015	26,670,261	94,909,655	(2,289,717)	9,270,446	(2,103,231)	(6,675,218)	345,261	0	0
2016	39,961,379	143,096,047	(7,801,980)	24,272,460	(8,723,634)	(21,862,397)	705,640	0	0
2017	56,645,959	205,575,605	(14,494,695)	40,095,735	(21,279,891)	(37,337,924)	370,732	1,050,753	0
2018	35,296,124	125,887,073	(5,755,465)	21,747,385	(6,979,417)	(19,682,937)	7,946	1,225,939	0
2019	43,750,142	157,292,047	(6,884,861)	32,506,327	(12,556,957)	(31,124,021)	154,185	1,539,458	0
2020	26,333,407	93,092,327	(5,090,373)	11,838,048	(4,186,298)	(9,479,273)	215,603	652,160	0
2021	19,719,853	70,539,123	(2,438,111)	8,438,047	(2,778,062)	(4,488,744)	5,549	151,515	0
2022	54,076,396	197,861,051	(10,425,755)	34,260,875	(17,688,297)	(28,826,658)	0	571,213	0
2023	50,600,594	184,824,062	(10,426,424)	35,217,253	(17,669,251)	(28,793,497)	0	531,337	0
2024	60,315,059	220,303,567	(13,199,360)	39,194,993	(16,736,299)	(27,880,711)	0	632,457	0
2025	59,659,270	217,856,124	(13,196,543)	39,274,217	(16,736,299)	(27,880,712)	0	633,735	0
2026	59,655,347	217,841,800	(13,196,543)	39,271,634	(16,736,299)	(27,880,711)	0	633,694	0
2027	59,667,402	217,885,820	(13,196,543)	39,279,570	(16,736,299)	(27,880,712)	0	633,822	0
2028	59,644,508	217,802,218	(13,196,543)	39,264,500	(16,736,298)	(27,880,711)	0	633,578	0
2029	59,657,610	217,850,062	(13,196,543)	39,273,125	(16,736,299)	(27,880,710)	0	633,718	0
2030	59,657,486	217,849,607	(13,196,543)	39,273,043	(16,736,299)	(27,880,711)	0	633,716	0
2031	59,656,667	217,846,617	(13,196,543)	39,272,503	(16,736,299)	(27,880,712)	0	633,708	0
2032	59,657,796	217,850,740	(13,196,543)	39,273,246	(16,736,299)	(27,880,712)	0	633,720	0
2033	59,664,847	217,876,491	(13,196,543)	39,277,889	(16,736,299)	(27,880,711)	0	633,794	0
2034	59,643,131	217,797,191	(13,196,543)	39,263,594	(16,736,298)	(27,880,711)	0	633,564	0
2035	59,671,293	217,900,028	(13,196,543)	39,282,133	(16,736,299)	(27,880,710)	0	633,863	0
TOTAL	1,553,202,302	5,593,804,029	(302,746,085)	947,122,229	(382,345,534)	(1,094,623,093)	4,830,523	13,325,744	0

¹ 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 Plant¹ (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 Pump 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	0
1962	0	0	0	0	0	0	0	0	36,771
1963	0	0	0	0	0	0	0	0	55,654
1964	0	0	0	0	0	0	0	0	73,240
1965	0	0	0	0	0	0	0	0	137,665
1966	0	0	0	0	0	0	0	0	186,064
1967	0	0	0	0	0	0	0	0	231,968
1968	0	0	0	0	0	118,676	0	0	1,117,913
1969	0	0	0	0	0	78,350	0	0	773,646
1970	0	0	0	0	0	136,429	0	0	1,103,798
1971	0	0	0	0	0	166,296	0	0	1,476,135
1972	0	0	79,315	0	(211,144)	212,938	0	0	3,073,359
1973	0	0	122,787	0	(1,057,564)	114,897	0	0	2,934,059
1974	0	0	157,511	0	(1,547,884)	111,442	0	0	3,683,880
1975	0	0	314,636	0	(2,455,461)	88,451	0	0	5,817,780
1976	0	0	326,967	0	(2,827,557)	139,279	0	0	8,211,705
1977	0	0	75,335	0	(3,734,462)	63,079	0	0	886,421
1978	0	0	89,383	0	(1,542,479)	176,153	0	0	7,272,153
1979	0	0	102,584	0	(2,776,030)	188,881	0	0	9,599,576
1980	0	0	236,768	0	(3,415,486)	168,458	0	0	10,419,251
1981	0	0	444,280	0	(2,834,322)	169,177	0	0	17,563,899
1982	0	0	539,245	(783,626)	(3,463,971)	168,390	0	0	13,477,272
1983	0	0	214,069	(1,488,439)	(6,649,718)	17,920	0	0	(7,452,864)
1984	0	0	484,239	(4,088,209)	(4,710,802)	112,679	0	0	(4,159,491)
1985	0	0	874,069	(5,930,176)	(15,698,638)	146,843	0	0	(9,861,182)
1986	0	0	1,269,590	(5,579,301)	(11,072,448)	297,886	0	0	11,622,736
1987	0	0	1,355,533	(6,445,265)	(11,726,458)	245,082	0	0	6,701,444
1988	0	0	1,515,349	(7,457,050)	(13,026,992)	214,519	0	0	6,239,207
1989	0	0	2,156,915	(8,822,367)	(15,535,849)	282,180	0	0	24,585,082
1990	0	0	2,913,030	(11,225,401)	(20,510,539)	416,832	0	0	48,154,174
1991	0	0	576,721	(3,882,595)	(6,579,194)	3,610	0	0	2,462,222
1992	0	0	829,862	(6,369,339)	(10,976,538)	101,665	0	0	(5,509,968)
1993	0	0	70,836	(4,665,393)	(9,531,404)	(111,306)	0	0	(24,907,973)
1994	0	0	1,503,796	(7,249,239)	(13,126,331)	206,086	(1,127)	0	13,499,083
1995	0	0	247,869	(1,934,202)	(4,049,615)	243,434	0	0	(142,957)
1996	0	0	895,929	(4,248,531)	(8,457,232)	296,170	0	0	15,870,542
1997	0	0	902,690	(4,824,488)	(8,776,260)	298,483	208,816	0	14,336,879
1998	0	0	(67,399)	(1,811,154)	(4,644,120)	(55,491)	(92,902)	0	(24,405,948)
1999	0	0	757,085	(5,831,573)	(9,811,777)	170,445	241,369	0	(2,343,588)
2000	0	0	1,307,386	(10,161,472)	(17,729,381)	228,532	378,042	0	(6,020,323)
2001	0	0	6,412,531	(7,918,467)	(13,370,061)	1,061,695	2,140,040	0	216,231,944
2002	0	0	4,246,409	(11,349,183)	(19,513,997)	547,531	1,344,783	0	94,808,314
2003	0	0	4,642,103	(10,436,535)	(17,134,431)	637,936	1,538,955	0	134,765,827
2004	68,914	7,290	5,682,375	(12,281,228)	(21,354,179)	675,724	1,804,179	0	149,713,081
2005	49,010	2,548	3,712,885	(7,106,531)	(13,339,416)	859,917	1,753,288	0	162,760,553
2006	144,846	16,318	2,767,050	(7,208,025)	(12,042,760)	870,640	1,547,938	0	130,822,412
2007	256,954	11,191	7,601,732	(11,444,524)	(21,845,299)	1,344,081	2,350,122	0	218,235,752
2008	327,206	7,446	4,778,592	(7,762,363)	(14,997,326)	1,168,629	1,735,140	0	132,149,878
2009	391,372	7,531	4,625,483	(6,997,502)	(15,725,766)	711,012	1,018,798	0	102,348,640
2010	431,030	19,506	3,835,535	(6,643,531)	(11,641,405)	939,577	1,507,158	0	155,937,888
2011	499,615	33,108	3,568,564	(5,996,974)	(10,892,193)	1,149,892	2,173,461	0	210,327,529
2012	533,579	48,171	5,510,580	(8,863,057)	(15,797,149)	1,041,736	2,019,898	0	179,541,943
2013	557,947	36,868	6,767,052	(9,189,037)	(15,851,695)	1,447,274	2,073,468	0	177,959,459
2014	440,998	16,594	4,838,287	(4,376,621)	(7,912,327)	1,678,114	2,547,742	0	130,564,331
2015	461,141	15,152	7,368,826	(6,599,051)	(11,183,098)	1,696,668	2,009,646	0	165,811,474
2016	781,683	49,119	6,588,412	(7,078,001)	(12,085,744)	1,623,737	3,143,145	0	253,660,177
2017	1,235,207	86,117	6,599,088	(7,354,995)	(12,930,250)	1,692,267	3,146,388	0	347,975,171
2018	968,007	44,318	5,320,507	(5,753,362)	(10,120,900)	2,057,442	3,745,154	0	229,890,338
2019	1,054,944	52,540	4,581,874	(5,121,274)	(8,967,375)	1,795,450	2,462,679	0	284,371,806
2020	825,191	77,427	6,198,068	(6,008,803)	(10,521,051)	1,887,620	2,026,382	0	161,755,390
2021	132,620	13,178	4,384,838	(3,270,809)	(5,621,865)	889,425	858,797	0	144,431,281
2022	502,771	85,382	7,977,693	(8,425,468)	(13,992,772)	1,144,793	3,868,755	0	336,634,445
2023	467,734	79,043	5,980,760	(6,344,205)	(10,325,948)	1,178,548	3,985,882	0	322,831,003
2024	555,988	98,772	7,639,761	(6,867,355)	(10,141,428)	911,153	5,989,789	0	394,901,507
2025	557,112	98,971	7,314,667	(6,574,307)	(10,141,428)	913,768	6,008,793	0	367,662,122
2026	557,076	98,965	7,314,186	(6,574,307)	(10,141,428)	913,708	6,008,398	0	392,473,480
2027	557,188	98,985	7,315,664	(6,574,307)	(10,141,428)	913,892	6,009,612	0	364,358,792
2028	556,974	98,947	7,312,857	(6,575,140)	(10,141,428)	913,542	6,007,307	0	385,416,358
2029	557,097	98,968	7,314,463	(6,574,307)	(10,141,428)	913,742	6,008,626	0	390,406,530
2030	557,096	98,968	7,314,448	(6,574,307)	(10,141,428)	913,740	6,008,614	0	379,021,093
2031	557,088	98,967	7,314,347	(6,574,307)	(10,141,428)	913,728	6,008,531	0	377,762,092
2032	557,099	98,969	7,314,486	(6,575,140)	(10,141,428)	913,745	6,008,645	0	383,420,824
2033	557,164	98,980	7,315,350	(6,574,307)	(10,141,428)	913,853	6,009,355	0	378,074,296
2034	556,962	98,944	7,312,688	(6,574,307)	(10,141,428)	913,520	6,007,168	0	378,465,469
2035	557,225	98,991	7,316,141	(6,574,307)	(10,141,428)	913,952	6,010,004	0	383,583,310
TOTAL	16,814,838	1,896,273	232,384,681	(355,513,764)	(647,343,799)	44,278,516	123,620,840	0	9,165,873,793

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

¹ 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.

² 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
TOTAL	3,008,632	199,000	7,693,900	51,855,303	59,549,203	403,050	352,822	5,959,901	69,472,608

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

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	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
2021	144,844	138,350	5,800	55,750	2,300	89,800	21,300	102,600	28,800	17,300
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
TOTAL	7,507,768	4,782,511	321,556	2,626,000	127,210	4,069,043	1,127,720	5,909,177	1,641,322	748,350

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 ³	Metropolitan	Ventura	Total	Yuba City	Butte	Plumas	Total		
	[30]	[31]	[32]	[33]	[34]	[35]	[36]	[37]	[38]	[39]
1962	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	11,538
1968	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
2021	95,200	1,911,500	20,000	2,633,544	9,600	27,500	2,700	39,800	0	4,172,786
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
TOTAL	4,545,098	109,260,272	988,000	143,654,027	449,900	775,559	106,474	1,331,933	0	233,688,159

³ 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 ¹	Solano	
[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]	[11]	
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	1,214	0	1,214	
1969	0	0	0	0	0	0	0	2,687	0	2,687	
1970	0	70	0	0	0	0	0	3,618	0	3,618	
1971	192	64	0	0	0	0	0	2,521	0	2,521	
1972	186	505	0	0	0	0	0	3,647	0	3,647	
1973	53	679	0	0	0	0	0	3,792	0	3,792	
1974	127	648	0	0	0	0	0	4,870	0	4,870	
1975	253	405	0	0	0	0	0	6,840	0	6,840	
1976	527	382	0	0	0	0	0	7,122	0	7,122	
1977	706	303	0	0	0	0	0	8,226	0	8,226	
1978	579	278	0	0	0	0	0	6,034	0	6,034	
1979	302	329	0	0	0	0	0	6,561	0	6,561	
1980	267	295	0	0	0	0	0	6,707	0	6,707	
1981	221	355	0	0	0	0	0	9,001	0	9,001	
1982	334	305	0	0	0	0	0	1,213	0	1,213	
1983	325	262	0	0	0	0	0	2,287	0	2,287	
1984	177	272	108	0	0	0	0	2,923	0	2,923	
1985	308	254	62	0	0	0	0	4,039	0	4,039	
1986	313	317	328	1,400	0	0	0	3,519	0	4,919	
1987	459	452	88	1,550	0	0	0	7,693	0	9,243	
1988	385	523	303	1	0	9,725	0	5,392	0	15,118	
1989	300	486	403	10	0	17,246	0	6,195	0	23,451	
1990	380	548	494	3,275	0	15,856	0	6,940	0	26,071	
1991	328	420	265	3,117	0	3,855	0	1,380	0	8,352	
1992	117	485	642	5,553	0	9,220	0	4,001	0	18,774	
1993	256	444	746	14,709	0	14,471	0	5,286	0	34,466	
1994	329	492	1,035	10,343	0	14,913	0	6,792	0	32,048	
1995	203	308	910	5,452	0	15,893	0	5,182	0	26,527	
1996	257	360	820	12,930	0	17,069	0	4,893	0	34,892	
1997	185	231	1,005	16,029	0	17,501	0	4,341	0	37,871	
1998	527	0	1,054	11,562	0	18,204	0	5,359	0	35,125	
1999	286	0	1,096	15,191	0	19,562	0	5,304	0	40,057	
2000	586	0	901	15,490	0	11,290	0	10,235	0	41,973	
2001	513	0	1,065	14,849	0	11,377	0	8,360	0	43,931	
2002	419	0	1,181	18,841	0	11,130	0	8,589	0	45,435	
2003	551	0	1,324	17,260	0	9,682	9	7,009	0	41,597	
2004	1,440	0	1,434	20,951	0	10,691	135	10,860	7,999	51,136	
2005	527	0	1,894	18,290	0	10,585	160	8,444	7,509	45,488	
2006	468	0	5,342	16,573	0	10,865	208	7,578	7,581	43,305	
2007	956	0	2,327	19,187	0	12,301	180	15,312	10,777	58,257	
2008	451	243	1,923	21,436	15	11,410	37	7,974	13,240	54,612	
2009	581	200	2,114	15,004	0	8,651	27	6,795	10,877	41,854	
2010	807	243	2,331	17,598	0	8,231	70	4,487	12,347	43,233	
2011	1,092	98	2,297	15,202	0	7,761	39	5,032	11,275	39,309	
2012	1,374	79	2,695	16,508	0	8,298	47	4,541	9,860	39,254	
2013	908	366	4,850	16,525	0	10,082	60	9,262	12,478	48,407	
2014	1,617	251	4,237	7,354	0	6,856	41	5,469	14,123	33,843	
2015	2,763	285	3,004	8,581	0	6,538	66	8,717	11,133	35,035	
2016	2,518	387	1,229	10,802	1	6,464	45	6,339	8,947	32,598	
2017	2,320	363	1,746	13,764	0	7,484	24	7,017	8,201	36,490	
2018	3,029	508	1,715	15,487	0	8,493	22	11,092	11,660	46,754	
2019	2,955	436	1,655	13,814	8	8,035	16	9,633	11,261	42,767	
2020	3,186	406	1,812	17,115	0	10,410	58	10,139	12,031	49,753	
2021	3,288	135	3,398	11,487	0	10,944	1	14,844	13,069	50,345	
2022	450	730	5,760	28,654	0	0	0	0	17,415	0	46,069
2023	450	730	5,760	28,654	0	0	0	0	17,415	0	46,069
2024	450	730	5,760	28,654	0	0	0	0	17,415	0	46,069
2025	450	730	5,760	28,654	0	0	0	0	17,415	0	46,069
2026	450	730	5,760	28,654	0	0	0	0	17,415	0	46,069
2027	450	730	5,760	28,654	0	0	0	0	17,415	0	46,069
2028	450	730	5,760	28,654	0	0	0	0	17,415	0	46,069
2029	450	730	5,760	28,654	0	0	0	0	17,415	0	46,069
2030	450	730	5,760	28,654	0	0	0	0	17,415	0	46,069
2031	450	730	5,760	28,654	0	0	0	0	17,415	0	46,069
2032	450	730	5,760	28,654	0	0	0	0	17,415	0	46,069
2033	450	730	5,760	28,654	0	0	0	0	17,415	0	46,069
2034	450	730	5,760	28,654	0	0	0	0	17,415	0	46,069
2035	450	730	5,760	28,654	0	0	0	0	17,415	0	46,069
TOTAL	47,531	24,692	140,473	844,396	24	381,093	1,245	187,728	622,572	3,500	2,040,558

¹ 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 ²										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	151	0	6,515	3,148	1,935	0	14,434	5,375	17,654	52,930	102,142
2021	258	0	5,200	3,221	999	0	20,290	6,091	17,388	53,665	107,112
2022	300	0	5,900	10,450	3,260	0	18,461	3,549	14,835	60,000	116,755
2023	300	0	5,960	10,450	3,260	0	18,401	3,549	14,835	60,000	116,755
2024	300	0	6,020	10,450	3,260	0	18,341	3,549	14,835	60,000	116,755
2025	300	0	6,070	10,450	3,260	0	18,291	3,549	14,835	60,000	116,755
2026	300	0	6,070	10,450	3,260	0	18,291	3,549	14,835	60,000	116,755
2027	300	0	6,070	10,450	3,260	0	18,291	3,549	14,835	60,000	116,755
2028	300	0	6,070	10,450	3,260	0	18,291	3,549	14,835	60,000	116,755
2029	300	0	6,070	10,450	3,260	0	18,291	3,549	14,835	60,000	116,755
2030	300	0	6,070	10,450	3,260	0	18,291	3,549	14,835	60,000	116,755
2031	300	0	6,070	10,450	3,260	0	18,291	3,549	14,835	60,000	116,755
2032	300	0	6,070	10,450	3,260	0	18,291	3,549	14,835	60,000	116,755
2033	300	0	6,070	10,450	3,260	0	18,291	3,549	14,835	60,000	116,755
2034	300	0	6,070	10,450	3,260	0	18,291	3,549	14,835	60,000	116,755
2035	300	0	6,070	10,450	3,260	0	18,291	3,549	14,835	60,000	116,755
TOTAL	29,470	53,844	423,466	420,453	130,228	11,722	837,408	385,543	752,818	4,655,536	7,700,488

² 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 ³	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	0	5,873	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	663	2,140	0	0	0	0	0	500	0	8,450
2021	0	0	358	822	0	0	0	0	4,950	3,202	0	6,200
2022	0	0	1,300	3,420	0	0	0	0	0	0	0	0
2023	0	0	1,300	3,420	0	0	0	0	0	0	0	0
2024	0	0	1,300	3,420	0	0	0	0	0	0	0	0
2025	0	0	1,300	3,420	0	0	0	0	0	0	0	0
2026	0	0	1,300	3,420	0	0	0	0	0	0	0	0
2027	0	0	1,300	3,420	0	0	0	0	0	0	0	0
2028	0	0	1,300	3,420	0	0	0	0	0	0	0	0
2029	0	0	1,300	3,420	0	0	0	0	0	0	0	0
2030	0	0	1,300	3,420	0	0	0	0	0	0	0	0
2031	0	0	1,300	3,420	0	0	0	0	0	0	0	0
2032	0	0	1,300	3,420	0	0	0	0	0	0	0	0
2033	0	0	1,300	3,420	0	0	0	0	0	0	0	0
2034	0	0	1,300	3,420	0	0	0	0	0	0	0	0
2035	0	0	1,300	3,420	0	0	0	0	0	0	0	0
TOTAL	8,885	1,041	37,214	251,301	200	300	602	0	13,118	17,142	5,873	59,852

³ 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	San Gorgonio	Santa Barbara	Santa Clara	Santa Clarita ⁴	Tulare	Dudley Ridge	Kern		Santa Clarita ⁴
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	0	1,898	0	12,647	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	14,446	0	3,500	0
1996	0	0	0	0	0	0	0	0	0	1,125	4,162	0
1997	0	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	0	0	0
2000	3,320	68,960	0	0	0	0	0	0	0	1,517	878	0
2001	0	140,242	0	0	0	30,000	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	0	1,351	0
2004	0	44,877	0	0	0	0	0	0	0	0	0	0
2005	0	109,712	50,000	0	0	8,804	0	277	0	0	7,000	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	0	10,721	0
2009	0	164,653	52,933	0	0	9,999	3,300	0	0	0	0	0
2010	0	35,896	124,543	0	0	9,993	0	0	0	0	0	0
2011	0	0	78,324	0	0	1,825	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	0	6,000	0	0	0	0	0	6,000
2014	0	104,689	15,000	0	0	27,476	0	0	0	0	0	0
2015	0	105,549	0	0	0	17,115	0	0	0	0	3,278	0
2016	0	54,247	37,283	0	7,230	28,878	5,940	0	0	0	1,047	0
2017	0	0	15,946	0	15,584	3,497	30,000	0	0	0	0	0
2018	0	23,607	0	0	0	2,000	0	0	0	0	0	0
2019	0	27,009	0	0	0	852	0	0	0	0	0	0
2020	0	71,344	0	0	0	3,864	1,714	0	0	0	1,401	0
2021	0	34,777	0	19	0	18,151	984	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	80,887	1,516,964	403,625	19	22,814	168,454	41,938	277	16,344	2,642	45,985	6,000

⁴ 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 4			Reach 5						Reach 6		
	Tulare	Dudley Ridge	Empire	Kern		Metropolitan	Oak Flat	Santa Clarita ⁴	Tulare	Empire	Kern	
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	0	1,550	0	0	0
1989	0	0	0	0	18,831	0	0	0	0	0	0	8,260
1990	1,500	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0	0
1992	0	10,823	0	0	0	0	0	0	0	0	0	0
1993	0	27,200	0	0	28,200	0	2,000	5,095	1,624	0	0	31,200
1994	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	21,776	0	0	0	0	0	0	3,932
1996	0	0	0	1,125	81,507	0	0	0	4,000	0	0	0
1997	0	0	0	9,080	154,940	0	0	0	3,500	0	0	0
1998	0	0	0	0	0	0	0	0	0	0	20,400	33,340
1999	1,300	0	0	0	0	21,500	0	0	8,000	0	0	33,776
2000	0	0	0	8,130	57,647	0	0	0	0	0	1,457	35,847
2001	0	0	0	0	0	0	0	0	2,457	0	0	0
2002	0	0	0	0	0	0	0	0	3,000	0	0	0
2003	0	0	0	0	0	0	0	0	3,900	0	0	0
2004	0	0	0	0	0	0	0	0	3,850	0	0	0
2005	0	0	0	0	0	0	0	0	1,000	0	0	0
2006	0	0	0	0	0	0	0	0	3,000	0	0	0
2007	0	0	0	0	0	0	0	0	3,600	0	0	0
2008	0	0	0	0	0	0	0	0	1,355	0	0	0
2009	0	0	870	0	0	0	0	0	1,490	0	0	0
2010	0	0	431	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	400	0	0
2012	0	0	449	0	0	0	0	0	2,800	514	0	0
2013	0	0	692	0	8,393	0	0	0	5,350	280	0	0
2014	0	0	303	0	0	0	0	0	661	38	0	0
2015	8,166	0	142	0	1,349	0	0	0	7,576	120	0	0
2016	7,723	0	425	0	7,553	0	0	0	24,251	446	0	0
2017	0	0	0	0	0	0	0	0	3,000	100	0	0
2018	0	0	301	0	0	0	0	0	2,210	0	0	0
2019	0	0	0	0	0	0	0	0	1,500	449	0	0
2020	0	0	284	0	499	0	0	0	2,716	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	500	0	0	0	0	0	0	0	0	0
2023	0	0	500	0	0	0	0	0	0	0	0	0
2024	0	0	500	0	0	0	0	0	0	0	0	0
2025	0	0	500	0	0	0	0	0	0	0	0	0
2026	0	0	500	0	0	0	0	0	0	0	0	0
2027	0	0	500	0	0	0	0	0	0	0	0	0
2028	0	0	500	0	0	0	0	0	0	0	0	0
2029	0	0	500	0	0	0	0	0	0	0	0	0
2030	0	0	500	0	0	0	0	0	0	0	0	0
2031	0	0	500	0	0	0	0	0	0	0	0	0
2032	0	0	500	0	0	0	0	0	0	0	0	0
2033	0	0	500	0	0	0	0	0	0	0	0	0
2034	0	0	500	0	0	0	0	0	0	0	0	0
2035	0	0	500	0	0	0	0	0	0	0	0	0
TOTAL	18,689	38,023	10,897	18,335	380,695	21,500	2,000	5,095	92,390	2,347	21,857	146,355

⁴ 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 6 (continued)			Reach 7							Reach 8C	
	Kings	Metropolitan	Tulare	Dudley Ridge	Kern		Kings	Metropolitan	Santa Clarita ⁴	Tulare	Dudley Ridge	Empire
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	0	1,978
1969	0	0	0	0	0	0	0	0	0	0	0	56
1970	0	0	0	0	0	0	0	0	0	0	0	3,942
1971	0	0	0	0	0	0	0	0	0	0	0	5,990
1972	0	0	0	0	0	0	0	0	0	0	0	5,795
1973	0	0	0	0	0	0	0	0	0	0	0	3,000
1974	0	0	0	0	0	0	0	0	0	0	0	3,000
1975	0	0	0	0	0	0	0	0	0	0	0	3,000
1976	0	0	0	0	0	0	0	0	0	0	0	3,000
1977	0	0	0	0	0	0	0	0	0	0	0	738
1978	0	0	0	0	0	0	0	0	0	0	0	454
1979	0	0	0	0	0	0	0	0	0	0	0	1,739
1980	0	0	0	0	0	0	0	0	0	0	0	894
1981	0	0	0	0	0	0	0	0	0	0	0	5,859
1982	0	0	0	0	0	0	0	0	0	0	0	361
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	5,197
1986	0	0	0	0	0	0	0	0	0	0	0	1,170
1987	0	0	0	0	0	0	0	0	0	0	0	2,525
1988	0	0	0	0	0	0	0	0	0	0	0	3,475
1989	0	0	0	0	0	5,262	0	0	0	0	2,391	3,000
1990	0	0	0	0	0	0	0	0	0	0	0	1,279
1991	0	0	0	0	0	0	0	0	0	0	0	221
1992	0	0	0	0	0	0	0	0	0	0	280	1,354
1993	0	0	0	0	18,157	10,043	0	0	0	0	0	2,741
1994	0	0	0	0	0	0	0	0	2,100	0	0	1,666
1995	0	0	0	0	10,875	20,595	0	0	0	0	0	1,631
1996	0	0	0	0	3,424	69,704	0	0	0	0	95	1,868
1997	0	0	0	0	27,079	32,463	0	0	0	0	0	0
1998	0	0	3,000	200	3,998	62,081	0	0	0	0	90	542
1999	0	11,000	23,000	0	7,923	19,500	0	500	0	4,470	86	3,176
2000	0	0	3,000	0	0	45,137	0	20,000	1,200	20,500	166	1,799
2001	0	0	600	0	0	0	0	0	0	0	14	1,360
2002	0	0	0	0	0	0	0	0	0	12,067	0	1,405
2003	0	0	0	0	0	0	0	0	0	15,103	0	1,436
2004	3,250	0	0	0	0	0	0	0	0	0	0	3,562
2005	6,954	0	0	0	0	0	6,904	0	0	4,000	0	3,834
2006	2,659	0	0	0	0	0	2,500	0	0	6,000	0	3,282
2007	3,119	0	0	0	0	16,214	0	0	0	2,545	0	2,084
2008	2,159	0	0	400	0	1,998	1,330	0	0	1,500	0	947
2009	1,779	0	2,100	1,400	0	0	0	0	0	600	0	164
2010	2,477	0	0	0	0	0	0	0	0	3,850	0	2,828
2011	2,964	0	0	0	0	0	0	0	0	2,500	0	1,515
2012	2,706	0	500	0	0	0	2,000	0	0	0	0	1,279
2013	2,666	0	1,159	500	0	0	0	0	0	1,121	0	595
2014	1,109	0	275	0	0	0	0	0	0	0	0	175
2015	391	0	0	850	0	0	0	0	0	0	0	362
2016	1,009	0	4,257	0	0	0	0	0	0	3,175	0	951
2017	1,902	0	0	0	0	0	0	0	0	0	0	318
2018	2,450	0	0	0	0	0	0	0	0	0	0	852
2019	2,060	0	0	0	0	0	0	0	0	0	788	347
2020	2,301	0	0	0	0	0	0	0	0	0	0	659
2021	1,585	0	0	0	0	0	0	0	0	0	0	150
2022	3,120	0	0	0	0	0	0	0	0	0	0	400
2023	3,120	0	0	0	0	0	0	0	0	0	0	400
2024	3,120	0	0	0	0	0	0	0	0	0	0	400
2025	3,120	0	0	0	0	0	0	0	0	0	0	400
2026	3,120	0	0	0	0	0	0	0	0	0	0	400
2027	3,120	0	0	0	0	0	0	0	0	0	0	400
2028	3,120	0	0	0	0	0	0	0	0	0	0	400
2029	3,120	0	0	0	0	0	0	0	0	0	0	400
2030	3,120	0	0	0	0	0	0	0	0	0	0	400
2031	3,120	0	0	0	0	0	0	0	0	0	0	400
2032	3,120	0	0	0	0	0	0	0	0	0	0	400
2033	3,120	0	0	0	0	0	0	0	0	0	0	400
2034	3,120	0	0	0	0	0	0	0	0	0	0	400
2035	3,120	0	0	0	0	0	0	0	0	0	0	400
TOTAL	87,220	11,000	37,891	3,350	71,456	282,997	12,734	20,500	3,300	77,431	3,910	105,155

⁴ 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		Kings	Tulare	Dudley Ridge	Empire	Kern		Kings	San Luis Obispo	Tulare	Dudley Ridge
Municipal and Industrial	Agricultural	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	0	900	25,100	26,360	0	0	0	0	0	0	0
1969	0	0	100	7,081	31,375	0	0	0	0	0	0	0
1970	0	0	0	0	40,407	0	0	0	0	0	3,408	0
1971	0	0	3,700	80,906	41,053	0	0	0	0	0	41,579	0
1972	0	0	1,400	144,843	42,443	0	0	0	0	0	113,550	0
1973	0	0	1,500	26,317	22,057	0	0	1,500	0	0	24,147	0
1974	0	0	1,500	32,603	33,390	0	0	0	0	0	39,686	0
1975	0	0	1,600	41,536	40,555	0	0	0	0	0	44,722	0
1976	0	0	1,600	26,595	41,421	0	0	0	0	0	32,216	0
1977	0	0	1,530	12,984	11,153	0	0	0	0	0	5,097	0
1978	0	0	2,070	3,934	51,747	0	0	0	0	0	8,119	0
1979	0	0	2,000	74,758	38,544	0	0	0	0	0	80,363	0
1980	0	0	2,200	35,140	41,000	0	0	0	0	0	40,304	0
1981	0	0	2,300	50,888	41,000	0	0	0	0	0	32,550	0
1982	0	0	1,536	4,405	41,000	0	0	214	0	0	14,146	0
1983	0	0	3,550	1,001	42,900	0	0	0	0	0	5	0
1984	0	0	3,100	3,677	45,100	0	0	0	0	0	2,066	0
1985	0	0	3,400	68,638	46,251	0	0	0	0	0	41,153	0
1986	0	0	3,700	40,017	50,249	0	0	0	0	0	39,338	0
1987	0	0	4,000	30,359	46,288	0	0	0	0	0	62,725	0
1988	0	0	4,000	46,281	47,994	0	0	0	0	0	48,035	0
1989	0	0	4,000	63,703	52,158	0	0	0	0	0	63,947	0
1990	0	0	2,000	23,504	36,296	0	0	161	0	0	32,066	0
1991	0	0	0	1,697	927	0	0	0	0	0	483	0
1992	0	0	1,806	15,982	12,667	0	0	0	0	0	30,746	0
1993	0	0	4,000	57,112	23,221	0	0	0	0	0	65,732	197
1994	0	0	2,116	21,510	28,793	0	0	1,726	0	0	40,852	0
1995	989	10,527	4,000	40,934	45,240	0	2,959	27,270	0	0	57,435	0
1996	0	1,500	4,000	84,130	52,722	0	0	1,455	0	100	148,745	0
1997	0	1,500	0	9,467	57,496	0	0	0	0	100	9,402	4,900
1998	0	1,000	15	8,956	49,435	0	0	20,000	0	0	8,721	0
1999	0	400	4,000	90,334	58,290	0	0	9,000	0	0	162,631	0
2000	0	400	3,600	63,842	57,920	0	0	0	0	0	113,952	0
2001	0	0	1,560	23,300	40,155	0	0	6,089	0	0	58,369	0
2002	0	0	2,854	34,009	48,179	0	0	7,522	0	0	47,426	0
2003	0	0	3,692	25,317	45,732	0	0	8,350	0	0	61,521	0
2004	0	0	5,803	30,546	45,823	0	0	4,979	0	0	55,625	0
2005	0	0	4,057	42,450	58,627	0	0	0	1,891	0	92,552	0
2006	0	0	1,105	34,367	61,410	0	0	0	3,266	0	64,840	0
2007	0	0	657	31,305	39,974	0	0	7,740	1,921	0	49,633	0
2008	0	0	240	14,146	18,974	0	0	21,242	107	0	16,903	0
2009	0	0	1,612	13,522	12,037	0	0	19,684	0	0	16,794	5,500
2010	0	0	26	14,005	17,346	0	0	14,094	1,900	0	40,609	0
2011	0	0	2,160	23,814	22,427	0	0	65	1,194	0	30,827	292
2012	0	0	2,699	25,847	17,122	0	0	2,168	0	0	56,570	3,400
2013	0	0	1,029	16,490	19,605	0	0	4,239	950	0	24,241	1,941
2014	0	0	81	2,880	12,960	0	0	3,554	66	0	5,118	1,000
2015	0	0	838	977	9,473	0	0	2,000	0	0	617	1,250
2016	0	0	2,651	534	11,403	0	0	140	0	0	2,447	3,430
2017	0	0	1,428	17,107	15,319	0	0	0	1,611	0	39,654	0
2018	0	0	1,261	16,630	4,821	438	0	0	2	0	31,711	4,849
2019	0	0	750	12,773	7,222	0	0	1,683	1,772	0	40,281	500
2020	0	0	48	1,716	6,743	305	0	0	820	0	21,618	8,201
2021	0	0	55	7,500	8,012	0	0	12,700	385	0	11,248	0
2022	0	0	912	20,993	26,168	900	0	0	1,368	0	31,490	0
2023	0	0	912	20,993	26,168	900	0	0	1,368	0	31,490	0
2024	0	0	912	20,993	26,168	900	0	0	1,368	0	31,490	0
2025	0	0	912	20,993	26,168	900	0	0	1,368	0	31,490	0
2026	0	0	912	20,993	26,168	900	0	0	1,368	0	31,490	0
2027	0	0	912	20,993	26,168	900	0	0	1,368	0	31,490	0
2028	0	0	912	20,993	26,168	900	0	0	1,368	0	31,490	0
2029	0	0	912	20,993	26,168	900	0	0	1,368	0	31,490	0
2030	0	0	912	20,993	26,168	900	0	0	1,368	0	31,490	0
2031	0	0	912	20,993	26,168	900	0	0	1,368	0	31,490	0
2032	0	0	912	20,993	26,168	900	0	0	1,368	0	31,490	0
2033	0	0	912	20,993	26,168	900	0	0	1,368	0	31,490	0
2034	0	0	912	20,993	26,168	900	0	0	1,368	0	31,490	0
2035	0	0	912	20,993	26,168	900	0	0	1,368	0	31,490	0
TOTAL	989	15,327	122,597	1,921,371	2,187,168	13,343	2,959	177,361	35,251	200	2,617,385	35,460

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						
	Empire	Kern		Tulare	Alameda-Zone 7	Alameda County	AVEK	Dudley Ridge	Empire	Kern		Metropolitan
Municipal and Industrial		Agricultural	Municipal and Industrial							Agricultural		
[83]	[84]	[85]	[86]	[87]	[88]	[89]	[90]	[91]	[92]	[93]	[94]	
1962	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	30,951	0	0	0	0	0	0	0	0	0
1969	0	0	24,489	0	0	0	0	0	0	0	0	0
1970	0	0	46,114	1,855	0	0	0	0	0	0	158	0
1971	0	0	58,356	0	0	0	0	0	0	0	9,973	0
1972	0	0	75,464	0	0	0	0	0	0	0	5,876	0
1973	0	0	54,583	0	0	0	0	0	0	0	22,948	0
1974	0	0	63,814	0	0	0	0	0	0	10,019	22,719	0
1975	0	0	50,021	0	0	0	0	0	0	2,791	72,121	0
1976	0	0	53,465	0	0	0	0	0	0	74	50,444	0
1977	0	0	24,668	0	0	0	0	0	0	201	34,451	0
1978	0	0	72,231	0	0	0	0	0	0	0	161,889	0
1979	0	0	74,524	0	0	0	0	0	0	285	153,245	0
1980	0	0	79,946	0	0	0	0	0	0	3,780	131,836	0
1981	0	0	76,508	0	0	0	0	0	0	341	133,500	0
1982	0	0	76,877	0	0	0	0	0	0	4,700	164,832	0
1983	0	2,217	84,573	0	0	0	0	0	0	0	146,493	0
1984	0	4,100	85,732	0	0	0	0	0	0	6,910	150,302	0
1985	0	0	67,696	0	0	0	0	0	0	6,495	153,473	0
1986	0	0	79,943	0	0	0	0	0	0	5,065	198,099	0
1987	0	0	97,732	0	0	0	0	0	0	900	226,521	0
1988	0	1,100	83,858	0	0	0	0	0	0	9,529	212,495	0
1989	0	0	91,134	0	0	0	0	0	0	21,038	251,979	0
1990	0	0	83,108	0	0	0	0	0	0	25,189	47,472	0
1991	0	13,683	601	0	0	0	0	0	0	1,142	6,820	0
1992	0	28	40,183	0	0	0	0	0	0	3,685	89,390	0
1993	0	5,945	53,597	0	0	0	0	0	0	775	233,862	44,496
1994	0	0	44,994	0	0	0	0	0	0	5,227	126,792	0
1995	0	0	64,076	0	0	0	0	0	0	366	229,448	50,000
1996	0	2,236	89,291	0	0	6,200	0	0	0	6,666	199,854	95,000
1997	0	0	72,013	0	0	10,000	0	900	0	3,577	157,385	125,000
1998	0	0	57,530	0	1,970	3,780	0	0	0	2,603	163,587	39,500
1999	0	0	72,734	0	22,910	16,100	0	0	0	1,657	190,787	75,850
2000	0	0	73,562	0	23,940	13,380	0	0	0	7,672	283,208	0
2001	0	0	54,198	0	5,000	0	0	0	0	160	98,175	0
2002	0	0	60,957	0	14,287	2,083	0	0	0	145	171,498	0
2003	0	0	54,724	0	6,500	18,800	0	0	0	217	174,674	70,940
2004	0	0	54,330	0	5,740	8,000	0	0	0	65,751	117,286	0
2005	0	0	53,206	0	0	28,422	0	0	0	146	232,519	31,210
2006	0	0	56,909	0	5,740	27,447	0	5,000	0	0	237,623	0
2007	0	0	66,018	0	717	1,029	0	3,000	0	0	203,794	0
2008	0	0	63,315	0	0	0	0	2,800	0	1,702	103,176	0
2009	0	0	64,007	2,330	0	0	0	2,000	0	690	95,798	0
2010	0	0	76,357	0	3,000	7,000	0	2,000	0	14	102,773	74,000
2011	0	0	78,177	2,000	3,414	16,020	0	2,908	0	26	137,476	149,012
2012	0	0	69,395	2,000	0	7,500	0	1,660	0	29	201,876	45,000
2013	0	0	82,005	0	0	0	0	2,500	0	2,057	116,190	0
2014	0	0	67,754	0	0	0	0	0	0	0	40,332	0
2015	0	0	64,809	0	0	0	0	0	0	3,751	49,953	0
2016	0	0	68,699	0	5,000	18,272	0	1,075	0	817	101,941	0
2017	774	0	75,501	0	19,381	19,302	9,226	2,446	251	867	166,972	77,731
2018	0	0	69,618	900	0	0	11,015	5,717	0	2,604	93,384	0
2019	1,142	0	68,454	10,486	13,447	13,271	4,762	613	0	3,712	119,564	87,058
2020	0	0	63,865	0	0	0	4,269	914	0	2,492	83,325	0
2021	0	0	59,600	0	0	0	0	1,000	0	0	44,746	0
2022	0	0	60,000	0	5,000	6,816	0	0	0	0	217,324	60,000
2023	0	0	60,000	0	5,000	6,816	0	0	0	0	217,324	60,000
2024	0	0	60,000	0	5,000	6,816	0	0	0	0	217,324	60,000
2025	0	0	60,000	0	5,000	6,816	0	0	0	0	217,324	60,000
2026	0	0	60,000	0	5,000	6,816	0	0	0	0	217,324	60,000
2027	0	0	60,000	0	5,000	6,816	0	0	0	0	217,324	60,000
2028	0	0	60,000	0	5,000	6,816	0	0	0	0	217,324	60,000
2029	0	0	60,000	0	5,000	6,816	0	0	0	0	217,324	60,000
2030	0	0	60,000	0	5,000	6,816	0	0	0	0	217,324	60,000
2031	0	0	60,000	0	5,000	6,816	0	0	0	0	217,324	60,000
2032	0	0	60,000	0	5,000	6,816	0	0	0	0	217,324	60,000
2033	0	0	60,000	0	5,000	6,816	0	0	0	0	217,324	60,000
2034	0	0	60,000	0	5,000	6,816	0	0	0	0	217,324	60,000
2035	0	0	60,000	0	5,000	6,816	0	0	0	0	217,324	60,000
TOTAL	1,916	29,309	4,316,266	19,571	201,046	312,030	29,272	34,533	251	215,867	9,767,570	1,804,797

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							
	San Bernardino	Santa Barbara	Santa Clara	Santa Clarita ⁴	Tulare	Alameda Zone 7	AVEK	Dudley Ridge	Empire	Kern		Metropolitan	Santa Clarita ⁴
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	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	24,776	0	0
1969	0	0	0	0	2,842	0	0	0	0	0	64,682	0	0
1970	0	0	0	0	4,315	0	0	0	0	0	72,279	0	0
1971	0	0	0	0	0	0	0	0	0	0	63,773	0	0
1972	0	0	0	0	0	0	0	0	0	0	72,358	0	0
1973	0	0	0	0	0	0	0	0	0	0	67,544	0	0
1974	0	0	0	0	0	0	0	0	0	0	87,476	0	0
1975	0	0	0	0	0	0	0	0	0	0	85,675	0	0
1976	0	0	0	0	0	0	0	0	0	0	85,067	0	0
1977	0	0	0	0	0	0	0	0	0	3,981	29,603	0	0
1978	0	0	0	0	0	0	0	0	0	0	88,753	0	0
1979	0	0	0	0	0	0	0	0	0	484	108,379	0	0
1980	0	0	0	0	0	0	0	0	0	3,112	103,207	0	0
1981	0	0	0	0	0	0	0	0	0	494	104,395	0	0
1982	0	0	0	0	0	0	0	0	0	798	99,081	0	0
1983	0	0	0	0	0	0	0	0	0	2,069	94,117	0	0
1984	0	0	0	0	0	0	0	0	0	2,349	124,819	0	0
1985	0	0	0	0	0	0	0	0	0	10,666	118,646	0	0
1986	0	0	0	0	0	0	0	0	0	8,673	124,836	0	0
1987	0	0	0	0	0	0	0	0	0	13,074	111,877	0	0
1988	0	0	0	0	0	0	0	0	0	13,509	114,031	0	0
1989	0	0	0	0	0	0	0	0	0	9,986	127,058	0	0
1990	0	0	0	0	0	0	0	0	0	9,319	104,107	0	0
1991	0	0	0	0	0	0	0	0	0	6,099	118	0	0
1992	0	0	0	0	0	0	0	0	0	7,419	35,093	0	0
1993	0	0	0	0	0	0	0	0	0	2,696	72,645	0	0
1994	0	0	0	0	0	0	0	0	0	3,506	71,202	0	0
1995	0	0	0	0	0	0	0	0	0	1,154	97,072	0	0
1996	0	0	45,000	0	0	0	0	0	0	1,185	96,250	0	0
1997	0	0	35,000	0	0	0	0	0	0	1,111	104,823	0	0
1998	0	0	23,800	0	0	0	0	0	0	1,311	72,646	0	0
1999	0	0	30,000	0	0	0	0	0	0	2,127	92,262	0	0
2000	0	0	23,730	0	0	0	1,500	0	0	3,793	89,622	0	0
2001	0	0	0	0	0	0	0	0	0	636	73,105	0	0
2002	0	0	3,311	24,000	0	0	0	0	0	1,457	91,123	0	0
2003	0	0	33,000	0	0	0	0	0	0	1,379	87,174	0	0
2004	0	0	0	32,522	0	0	0	0	0	1,299	97,722	0	0
2005	0	0	55,448	0	0	0	0	0	0	824	93,554	0	0
2006	0	0	64,036	0	0	0	0	0	0	0	98,417	0	0
2007	0	0	3,692	0	0	0	0	0	0	4,030	94,334	0	0
2008	0	0	4,306	0	0	0	0	0	0	263	93,417	0	0
2009	0	0	0	0	0	0	300	0	0	127	96,776	0	0
2010	0	0	51,990	0	800	0	0	5,350	0	381	92,220	0	0
2011	0	0	65,770	0	500	0	0	0	0	1,160	105,682	0	0
2012	2,868	0	0	0	0	0	2,000	0	0	1,019	94,519	0	5,500
2013	0	0	0	0	0	0	2,500	0	0	1,167	110,418	0	5,500
2014	0	0	0	0	0	0	9,786	0	0	0	87,728	0	0
2015	0	0	0	0	0	0	8,200	0	0	4,553	84,288	0	0
2016	0	0	9,634	0	0	0	5,000	0	0	1,037	91,735	942	0
2017	0	0	71,163	5,340	0	0	3,569	255	19,966	0	93,037	0	0
2018	0	900	42,600	0	0	0	3,985	7,490	0	422	91,111	0	0
2019	0	1,100	63,600	5,002	1,652	511	0	2,887	0	472	87,332	0	0
2020	0	0	0	0	0	0	990	4,785	0	204	84,064	350	0
2021	0	0	0	0	0	0	0	0	0	0	55,009	0	0
2022	0	0	0	4,050	0	0	0	0	0	0	5,400	0	0
2023	0	0	0	2,555	0	0	0	0	0	0	5,400	0	0
2024	0	0	0	1,060	0	0	0	0	0	0	5,400	0	0
2025	0	0	0	1,060	0	0	0	0	0	0	5,400	0	0
2026	0	0	0	1,060	0	0	0	0	0	0	5,400	0	0
2027	0	0	0	1,060	0	0	0	0	0	0	5,400	0	0
2028	0	0	0	1,060	0	0	0	0	0	0	5,400	0	0
2029	0	0	0	1,060	0	0	0	0	0	0	5,400	0	0
2030	0	0	0	1,060	0	0	0	0	0	0	5,400	0	0
2031	0	0	0	1,060	0	0	0	0	0	0	5,400	0	0
2032	0	0	0	1,060	0	0	0	0	0	0	5,400	0	0
2033	0	0	0	1,060	0	0	0	0	0	0	5,400	0	0
2034	0	0	0	1,060	0	0	0	0	0	0	5,400	0	0
2035	0	0	0	1,060	0	0	0	0	0	0	5,400	0	0
TOTAL	2,868	2,000	626,080	86,189	10,109	511	4,975	53,367	255	149,311	4,786,637	1,292	11,000

⁴ 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 11B		Reach 12D				Reach 12E				
	Tulare	Dudley Ridge	Kern		Alameda Zone 7	Alameda County	AVEK	Dudley Ridge	Kern		Metropolitan
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	0	9,279	0
1971	0	0	0	0	0	0	0	0	0	28,056	0
1972	0	0	0	0	0	0	0	0	0	62,342	0
1973	0	0	0	0	0	0	0	0	0	13,082	0
1974	0	0	0	0	0	0	0	0	2,651	4,248	0
1975	0	0	0	0	0	0	0	0	0	10,787	0
1976	0	0	0	0	0	0	0	0	37,519	20,555	0
1977	0	0	0	0	0	0	0	0	20,280	1,737	0
1978	0	0	0	0	0	0	0	0	47,133	15,011	0
1979	0	0	0	0	0	0	0	0	50,740	61,567	0
1980	0	0	0	0	0	0	0	0	32,039	22,252	0
1981	0	0	0	0	0	0	0	0	59,917	58,470	0
1982	0	0	0	0	0	0	0	0	36,139	75,587	0
1983	0	0	0	0	0	0	0	0	0	10,950	0
1984	0	0	0	0	0	0	0	0	63,941	39,929	0
1985	0	0	0	0	0	0	0	0	69,839	84,117	0
1986	0	0	0	0	0	0	0	0	62,109	51,540	0
1987	0	0	0	0	0	0	0	0	95,297	86,223	0
1988	0	0	0	0	0	0	0	0	86,390	123,249	0
1989	0	0	0	0	0	0	0	0	83,965	146,544	0
1990	0	0	0	0	0	0	0	0	82,164	38,973	0
1991	0	0	0	0	0	0	0	0	8,842	303	0
1992	0	0	0	0	0	0	0	0	47,181	57,048	0
1993	0	0	0	0	0	0	0	0	84,822	285,554	5,504
1994	0	0	0	0	0	0	0	0	66,188	77,839	0
1995	0	0	0	0	0	0	0	1,000	107,130	181,097	0
1996	0	0	0	0	0	0	0	4,131	89,257	134,138	0
1997	0	0	0	0	0	0	0	8,012	32,061	128,329	1,486
1998	0	0	0	0	0	0	0	5,925	28,258	88,998	24,234
1999	0	0	0	0	0	0	0	1,321	110,161	255,343	62,162
2000	0	0	21	0	0	0	0	953	11,772	156,215	149,731
2001	0	0	41	0	0	0	0	0	385	51,076	0
2002	0	0	760	6	0	0	0	0	0	135,335	0
2003	0	0	2,431	152	0	0	0	0	39,479	112,056	45,989
2004	0	0	3,419	768	0	0	0	1,600	52,303	95,893	0
2005	0	0	2,841	644	3,419	1,878	0	1,154	43,835	340,281	15,384
2006	0	0	2,513	1,556	10,000	0	0	0	82,207	296,230	5,065
2007	0	0	2,164	2,284	0	0	0	0	1,179	87,764	0
2008	0	0	1,514	3,000	0	0	0	0	0	58,983	0
2009	0	0	564	4,274	0	0	0	0	0	82,434	0
2010	974	0	1,904	2,206	10,000	0	0	0	4,851	72,809	134,855
2011	3,500	0	973	65	10,000	1,960	0	0	26,249	309,617	109,787
2012	0	0	3,128	939	20,308	0	0	200	19,423	103,482	92,803
2013	0	0	3,473	1,531	0	0	0	0	26,652	60,295	0
2014	0	0	0	5,225	0	0	0	0	0	500	0
2015	0	0	985	3,486	0	0	0	0	280	2,750	0
2016	0	0	2,225	1,442	7,000	0	0	0	1,225	64,819	3,908
2017	0	0	1,830	789	10,619	0	25,417	13,924	7,852	343,922	78,271
2018	0	107	923	28	0	0	0	0	0	90,347	3,512
2019	14,975	0	974	2	4,942	0	6,590	896	3,266	304,555	58,417
2020	0	0	944	627	0	0	1,741	0	0	77,510	0
2021	0	0	297	2,274	0	0	0	0	0	141,450	0
2022	0	0	4,500	0	5,000	0	0	0	46,199	55,097	30,000
2023	0	0	4,500	0	5,000	0	0	0	46,199	55,097	30,000
2024	0	0	4,500	0	5,000	0	0	0	46,199	55,097	30,000
2025	0	0	4,500	0	5,000	0	0	0	46,199	55,097	30,000
2026	0	0	4,500	0	5,000	0	0	0	46,199	55,097	30,000
2027	0	0	4,500	0	5,000	0	0	0	46,199	55,097	30,000
2028	0	0	4,500	0	5,000	0	0	0	46,199	55,097	30,000
2029	0	0	4,500	0	5,000	0	0	0	46,199	55,097	30,000
2030	0	0	4,500	0	5,000	0	0	0	46,199	55,097	30,000
2031	0	0	4,500	0	5,000	0	0	0	46,199	55,097	30,000
2032	0	0	4,500	0	5,000	0	0	0	46,199	55,097	30,000
2033	0	0	4,500	0	5,000	0	0	0	46,199	55,097	30,000
2034	0	0	4,500	0	5,000	0	0	0	46,199	55,097	30,000
2035	0	0	4,500	0	5,000	0	0	0	46,199	55,097	30,000
TOTAL	19,449	107	96,924	31,298	146,288	3,838	33,748	39,116	2,371,767	5,932,828	1,211,108

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							
	San Bernardino	Santa Barbara	Santa Clara	Santa Clarita ⁴	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]	[130]	
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	4,891	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	17,388	0	0	0
1973	0	0	0	0	0	0	0	0	9,297	0	0	0
1974	0	0	0	0	0	0	0	8,038	4,246	0	0	0
1975	0	0	0	0	0	0	0	8,538	7,059	0	0	0
1976	0	0	0	0	0	0	0	5,626	8,855	0	0	0
1977	0	0	0	0	0	0	0	0	5,024	0	0	0
1978	0	0	0	0	0	0	0	21,773	7,601	0	0	0
1979	0	0	0	0	0	0	0	5,663	17,766	0	0	0
1980	0	0	0	0	0	0	0	0	22,515	0	0	0
1981	0	0	0	0	0	0	0	7,844	14,037	0	0	0
1982	0	0	0	0	0	0	0	0	25,553	0	0	0
1983	0	0	0	0	0	0	0	0	3,491	0	0	0
1984	0	0	0	0	0	0	0	12,117	26,178	0	0	0
1985	0	0	0	0	0	0	0	0	67,711	0	0	0
1986	0	0	0	0	0	0	0	0	66,551	0	0	0
1987	0	0	0	0	0	0	0	5,609	40,374	0	0	0
1988	0	0	0	0	0	0	0	9,298	47,167	0	0	0
1989	0	0	0	0	0	0	0	5,504	57,114	0	0	0
1990	0	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	0
1992	0	0	0	0	0	0	0	789	17,449	0	0	0
1993	0	0	0	0	0	0	0	12,798	88,157	0	0	0
1994	0	0	0	0	0	0	0	2,494	33,148	0	0	0
1995	0	0	0	0	0	0	0	8,751	110,685	0	0	0
1996	0	0	0	0	0	0	0	28,063	64,849	0	0	0
1997	0	0	0	0	0	0	0	43,803	49,312	0	0	0
1998	0	0	0	0	0	0	0	29,444	40,085	5,500	0	0
1999	0	0	0	0	0	0	0	12,969	92,998	0	0	0
2000	0	0	0	0	0	0	0	0	102,202	0	0	0
2001	0	0	0	0	0	0	1,733	0	33,925	0	0	0
2002	0	0	0	0	0	0	736	0	71,444	0	0	0
2003	0	0	0	0	0	0	350	2,396	124,582	1,865	0	0
2004	0	0	0	0	0	0	1,657	1,922	73,801	0	0	0
2005	0	0	2,619	20,000	2,321	0	14,540	21,781	269,631	192	0	0
2006	0	0	0	20,000	0	0	5,670	11,787	196,116	0	0	0
2007	0	0	0	8,200	0	0	2,161	0	72,240	0	0	0
2008	0	0	0	0	0	0	0	200	9,785	0	0	0
2009	0	0	0	0	0	0	0	0	12,060	0	0	0
2010	0	0	0	25,844	0	0	304	0	63,966	22,000	0	0
2011	8,066	4,002	706	0	2,331	3,420	34,733	4,896	265,382	25,845	7,000	7,893
2012	19,066	0	0	6,416	0	0	0	448	70,805	1,950	2,500	0
2013	0	0	0	0	0	0	0	0	14,189	0	0	0
2014	0	0	0	0	0	0	0	0	2,246	0	0	0
2015	0	0	0	0	0	0	0	0	481	0	0	0
2016	0	0	0	0	0	0	0	3,005	12,815	0	0	0
2017	0	0	0	0	0	0	28,487	3,201	191,350	4,477	352	0
2018	0	0	0	0	0	0	0	0	9,710	0	0	0
2019	0	0	0	0	0	0	20,124	0	118,397	0	0	0
2020	0	0	0	0	0	0	0	0	154	0	0	0
2021	0	0	0	0	0	0	0	0	9,282	0	0	0
2022	0	0	0	4,050	0	0	0	0	24,500	0	0	0
2023	0	0	0	2,555	0	0	0	0	24,500	0	0	0
2024	0	0	0	1,060	0	0	0	0	24,500	0	0	0
2025	0	0	0	1,060	0	0	0	0	24,500	0	0	0
2026	0	0	0	1,060	0	0	0	0	24,500	0	0	0
2027	0	0	0	1,060	0	0	0	0	24,500	0	0	0
2028	0	0	0	1,060	0	0	0	0	24,500	0	0	0
2029	0	0	0	1,060	0	0	0	0	24,500	0	0	0
2030	0	0	0	1,060	0	0	0	0	24,500	0	0	0
2031	0	0	0	1,060	0	0	0	0	24,500	0	0	0
2032	0	0	0	1,060	0	0	0	0	24,500	0	0	0
2033	0	0	0	1,060	0	0	0	0	24,500	0	0	0
2034	0	0	0	1,060	0	0	0	0	24,500	0	0	0
2035	0	0	0	1,060	0	0	0	0	24,500	0	0	0
TOTAL	27,132	4,002	3,325	99,785	4,652	3,420	110,495	286,402	3,037,487	61,829	9,852	7,893

⁴ 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				
	[131]	[132]	[133]	[134]	[135]	[136]	[137]	[138]	[139]	[140]	[141]	[142]	
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	24,083	0	0	0	49,475	0	0	
2021	0	0	0	0	0	34,294	0	0	0	31,028	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	
TOTAL	11,338	21,500	2,912	820	24,473	1,349,798	749	2,220	3,714	3,483,685	290	2,327	

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

Calendar Year	CALIFORNIA AQUEDUCT (continued)											TEHACHAPI DIVISION	
	SOUTH SAN JOAQUIN DIVISION (continued)												
	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		
[143]	[144]	[145]	[146]	[147]	[148]	[149]	[150]	[151]	[152]	[153]	[154]		
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	22,267	0	0	0	0	14,439	0	0	1,493	18,222	0	
2021	0	28,263	0	0	0	0	22,593	0	0	750	23,627	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	
TOTAL	2,447	1,527,740	154,509	2,149	979	24	1,948,232	4,243	1,249	230,483	1,019,415	5	

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

Calendar Year	CALIFORNIA AQUEDUCT (continued)											
	MOJAVE DIVISION											
	Reach 18A	Reach 19					Reach 20A					
	AVEK	AVEK	Metropolitan	Mojave	Santa Barbara	Santa Clara	AVEK	Metropolitan	Mojave	Palmdale	Santa Barbara	Santa Clara
[155]	[156]	[157]	[158]	[159]	[160]	[161]	[162]	[163]	[164]	[165]	[166]	
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	28,176	20,001	0	100	0	28,085	0	502	0	1,219	0
2020	0	5,931	9	0	0	0	26,557	0	8	0	0	0
2021	0	4	0	9	0	0	11,956	0	12	0	0	0
2022	270	18,897	0	20	0	0	61,317	0	0	0	0	0
2023	276	19,465	0	20	0	0	60,555	0	0	0	0	0
2024	288	20,049	0	20	0	0	59,748	0	0	0	0	0
2025	294	20,649	0	20	0	0	58,944	0	0	0	0	0
2026	294	20,649	0	20	0	0	58,944	0	0	0	0	0
2027	294	20,649	0	20	0	0	58,944	0	0	0	0	0
2028	294	20,649	0	20	0	0	58,944	0	0	0	0	0
2029	294	20,649	0	20	0	0	58,944	0	0	0	0	0
2030	294	20,649	0	20	0	0	58,944	0	0	0	0	0
2031	294	20,649	0	20	0	0	58,944	0	0	0	0	0
2032	294	20,649	0	20	0	0	58,944	0	0	0	0	0
2033	294	20,649	0	20	0	0	58,944	0	0	0	0	0
2034	294	20,649	0	20	0	0	58,944	0	0	0	0	0
2035	294	20,649	0	20	0	0	58,944	0	0	0	0	0
TOTAL	19,650	1,323,664	33,010	21,470	5,881	2,000	1,908,116	2,500	14,686	10,268	1,219	5,500

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 ⁵	Coachella ⁶	Desert ⁶
	[167]	[168]	[169]	[170]	[171]	[172]	[173]	[174]	[175]	[176]	[177]
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	338	0	0	0	0	0	0
1973	0	0	0	0	290	0	0	0	0	5,800	9,000
1974	0	0	0	0	400	0	0	0	0	6,400	10,000
1975	0	0	0	0	520	0	0	0	0	7,000	11,000
1976	416	0	0	0	589	0	0	0	0	7,600	12,000
1977	271	0	0	0	111	0	0	0	0	0	0
1978	934	0	0	0	208	0	0	0	0	10,084	15,300
1979	930	0	0	0	133	0	0	0	0	10,063	15,000
1980	655	0	0	0	191	0	3	0	0	10,884	17,000
1981	966	0	0	0	1,270	0	46	0	0	12,105	19,000
1982	8	0	0	0	0	0	174	0	0	13,326	21,000
1983	20	0	0	0	38	0	268	0	0	14,547	23,000
1984	2	0	0	0	1	0	550	0	0	15,768	25,000
1985	217	0	32	0	0	16	1,786	0	0	16,989	27,000
1986	0	0	45	0	163	10	1,735	0	0	18,210	29,000
1987	151	0	1,624	0	1,080	1,366	2,273	5	214	19,431	31,500
1988	281	0	1,261	0	419	143	3,210	0	0	20,652	34,000
1989	112	0	7,848	0	971	780	3,591	0	89	21,873	36,500
1990	84	0	8,292	0	1,747	34	3,988	0	10	23,100	38,100
1991	131	0	3,830	0	522	0	2,427	0	0	6,930	11,430
1992	650	0	3,850	0	251	0	3,859	0	0	10,427	17,197
1993	996	0	7,597	0	734	0	5,098	0	0	0	0
1994	124	0	8,119	0	1,098	0	4,657	0	0	0	0
1995	0	0	6,633	0	480	0	4,679	0	0	0	0
1996	0	0	11,080	0	494	0	5,458	0	0	0	0
1997	0	0	11,548	0	444	0	5,549	0	0	0	0
1998	0	0	8,557	0	404	0	4,468	0	0	0	0
1999	36	0	12,901	0	342	0	5,684	0	0	0	0
2000	80	0	9,060	5,002	0	0	5,890	0	0	0	0
2001	282	0	10,427	0	0	0	4,989	0	0	0	0
2002	1,662	0	18,496	0	0	0	5,404	0	497	0	0
2003	2,289	0	11,547	0	0	0	6,063	0	0	0	0
2004	1,774	0	12,139	0	0	23	6,095	0	253	0	0
2005	1,336	0	11,678	0	0	34	5,184	0	0	0	0
2006	1,415	0	12,487	0	0	5	6,653	0	0	0	0
2007	1,349	0	19,609	0	0	25	7,711	0	588	0	0
2008	792	25	14,255	0	0	0	4,756	0	0	0	0
2009	366	42	15,339	0	0	42	4,185	0	0	0	0
2010	643	0	10,969	0	0	0	3,899	0	0	0	0
2011	507	0	9,881	0	0	0	2,289	0	0	0	0
2012	901	0	16,397	0	0	0	2,328	0	0	0	0
2013	693	0	10,567	0	0	0	3,227	0	118	0	0
2014	744	0	8,406	0	0	0	1,318	0	88	0	0
2015	447	0	5,836	0	0	0	1,298	0	116	0	0
2016	677	0	10,516	0	0	0	3,155	0	144	0	0
2017	1,204	0	13,858	0	0	0	2,231	0	0	0	0
2018	1,551	0	10,210	0	0	0	2,212	0	0	0	0
2019	1,375	0	11,821	0	234	0	2,680	0	245	0	0
2020	1,681	1,380	7,016	0	145	0	2,551	0	0	0	0
2021	1,366	0	3,413	0	93	0	1,808	0	0	0	0
2022	2,505	0	19,543	0	1,380	0	3,155	0	492	0	0
2023	2,581	0	19,543	0	1,380	0	3,249	0	504	0	0
2024	2,659	0	19,543	0	1,380	0	3,346	0	528	0	0
2025	2,739	0	19,543	0	1,380	0	3,446	0	540	0	0
2026	2,739	0	19,543	0	1,380	0	3,446	0	540	0	0
2027	2,739	0	19,543	0	1,380	0	3,446	0	540	0	0
2028	2,739	0	19,543	0	1,380	0	3,446	0	540	0	0
2029	2,739	0	19,543	0	1,380	0	3,446	0	540	0	0
2030	2,739	0	19,543	0	1,380	0	3,446	0	540	0	0
2031	2,739	0	19,543	0	1,380	0	3,446	0	540	0	0
2032	2,739	0	19,543	0	1,380	0	3,446	0	540	0	0
2033	2,739	0	19,543	0	1,380	0	3,446	0	540	0	0
2034	2,739	0	19,543	0	1,380	0	3,446	0	540	0	0
2035	2,739	0	19,543	0	1,380	0	3,446	0	540	0	0
TOTAL	67,992	1,447	620,746	5,002	33,030	2,436	193,085	5	9,826	251,189	402,027

⁵ Year 1988 advance allocation.

⁶ 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 ⁶	Mojave	Palmdale	Santa Barbara	Mojave	Crestline	Metropolitan ⁶	Mojave	San Bernardino
[178]	[179]	[180]	[181]	[182]	[183]	[184]	[185]	[186]	[187]	
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	403	0	4,457	0
2020	0	0	3,344	0	0	0	715	0	0	0
2021	0	0	7,592	0	0	1,134	1,799	0	0	48
2022	0	0	31,430	0	0	17,960	3,480	0	0	142
2023	0	0	31,430	0	0	17,960	3,480	0	0	142
2024	0	0	31,430	0	0	17,960	3,480	0	0	142
2025	0	0	31,430	0	0	17,960	3,480	0	0	142
2026	0	0	31,430	0	0	17,960	3,480	0	0	142
2027	0	0	31,430	0	0	17,960	3,480	0	0	142
2028	0	0	31,430	0	0	17,960	3,480	0	0	142
2029	0	0	31,430	0	0	17,960	3,480	0	0	142
2030	0	0	31,430	0	0	17,960	3,480	0	0	142
2031	0	0	31,430	0	0	17,960	3,480	0	0	142
2032	0	0	31,430	0	0	17,960	3,480	0	0	142
2033	0	0	31,430	0	0	17,960	3,480	0	0	142
2034	0	0	31,430	0	0	17,960	3,480	0	0	142
2035	0	0	31,430	0	0	17,960	3,480	0	0	142
TOTAL	200	(596,717)	789,118	245	1,125	252,846	102,209	48,442	84,446	4,141

⁶ 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									
	Reach 26A				Reach 28G	Reach 28H			Reach 28J	
	Coachella ⁶	Desert ⁶	Metropolitan ⁶	San Bernardino ⁷	San Gabriel	Metropolitan	Coachella	Desert	Metropolitan	Coachella
[188]	[189]	[190]	[191]	[192]	[193]	[194]	[195]	[196]	[197]	
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	0	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	112,281	47,746	176,826	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	73,920	39,192	56,590	3,725	7,893	0	30,210	0	23,224	12,688
2021	16,418	2,788	97,105	672	1,440	0	0	0	8,236	0
2022	83,010	33,450	420,921	0	17,280	0	0	0	279,185	0
2023	83,010	33,450	420,921	0	17,280	0	0	0	279,185	0
2024	83,010	33,450	420,921	0	17,280	0	0	0	279,185	0
2025	83,010	33,450	420,921	0	17,280	0	0	0	279,185	0
2026	83,010	33,450	420,921	0	17,280	0	0	0	279,185	0
2027	83,010	33,450	420,921	0	17,280	0	0	0	279,185	0
2028	83,010	33,450	420,921	0	17,280	0	0	0	279,185	0
2029	83,010	33,450	420,921	0	17,280	0	0	0	279,185	0
2030	83,010	33,450	420,921	0	17,280	0	0	0	279,185	0
2031	83,010	33,450	420,921	0	17,280	0	0	0	279,185	0
2032	83,010	33,450	420,921	0	17,280	0	0	0	279,185	0
2033	83,010	33,450	420,921	0	17,280	0	0	0	279,185	0
2034	83,010	33,450	420,921	0	17,280	0	0	0	279,185	0
2035	83,010	33,450	420,921	0	17,280	0	0	0	279,185	0
TOTAL	2,547,986	1,413,812	18,192,298	497,164	780,053	18,942	183,070	48,482	10,072,507	38,182

⁶In 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.

⁷Includes 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
[198]	[199]	[200]	[201]	[202]	[203]	[204]	[205]	[206]	[207]	
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	0	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	11,113	177	0	14,152
2020	0	3,777	0	0	10,906	2,349	6,524	0	0	11,459
2021	0	0	0	0	12,080	82	730	0	0	2,063
2022	0	0	0	0	61,418	0	0	0	0	10,380
2023	0	0	0	0	61,418	0	0	0	0	10,380
2024	0	0	0	0	61,418	0	0	0	0	10,380
2025	0	0	0	0	61,418	0	0	0	0	10,380
2026	0	0	0	0	61,418	0	0	0	0	10,380
2027	0	0	0	0	61,418	0	0	0	0	10,380
2028	0	0	0	0	61,418	0	0	0	0	10,380
2029	0	0	0	0	61,418	0	0	0	0	10,380
2030	0	0	0	0	61,418	0	0	0	0	10,380
2031	0	0	0	0	61,418	0	0	0	0	10,380
2032	0	0	0	0	61,418	0	0	0	0	10,380
2033	0	0	0	0	61,418	0	0	0	0	10,380
2034	0	0	0	0	61,418	0	0	0	0	10,380
2035	0	0	0	0	61,418	0	0	0	0	10,380
TOTAL	14,752	1,683,605	8,163	632,126	1,389,510	51,889	129,888	4,303	19,359	260,906

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 ⁴	Ventura	Coachella	Desert	Metropolitan ⁸
	[208]	[209]	[210]	[211]	[212]	[213]	[214]
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	0	0	0	6,625	0	0	347,809
2021	0	0	0	2,521	0	0	198,314
2022	270	0	0	1,890	0	0	356,794
2023	276	0	0	1,890	0	0	356,794
2024	288	0	0	1,890	0	0	356,794
2025	294	0	0	1,890	0	0	356,794
2026	294	0	0	1,890	0	0	356,794
2027	294	0	0	1,890	0	0	356,794
2028	294	0	0	1,890	0	0	356,794
2029	294	0	0	1,890	0	0	356,794
2030	294	0	0	1,890	0	0	356,794
2031	294	0	0	1,890	0	0	356,794
2032	294	0	0	1,890	0	0	356,794
2033	294	0	0	1,890	0	0	356,794
2034	294	0	0	1,890	0	0	356,794
2035	294	0	0	1,890	0	0	356,794
TOTAL	4,578	254	6,768	96,507	10,240	16,890	24,472,025

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

⁸ 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 ⁴	Ventura	AVEK	Dudley Ridge	Kern		Kings
Municipal and Industrial							Agricultural		
	[215]	[216]	[217]	[218]	[219]	[220]	[221]	[222]	[223]
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	48,828	370	0	5,000	0	84,476	0
2021	0	0	45,691	842	0	0	0	62,948	305
2022	0	0	47,020	10,110	0	0	0	52,260	183
2023	0	0	50,010	10,110	0	0	0	52,260	183
2024	0	0	53,000	10,110	0	0	0	52,260	183
2025	0	0	53,000	10,110	0	0	0	52,260	183
2026	0	0	53,000	10,110	0	0	0	52,260	183
2027	0	0	53,000	10,110	0	0	0	52,260	183
2028	0	0	53,000	10,110	0	0	0	52,260	183
2029	0	0	53,000	10,110	0	0	0	52,260	183
2030	0	0	53,000	10,110	0	0	0	52,260	183
2031	0	0	53,000	10,110	0	0	0	52,260	183
2032	0	0	53,000	10,110	0	0	0	52,260	183
2033	0	0	53,000	10,110	0	0	0	52,260	183
2034	0	0	53,000	10,110	0	0	0	52,260	183
2035	0	0	53,000	10,110	0	0	0	52,260	183
TOTAL	8,601	1,240	1,893,136	183,527	38,648	23,393	17,259	5,174,200	5,481

⁴ 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)					
	COASTAL BRANCH (continued)				Total	Grand Total
	Reach 31A (continued)		Reach 33A			
	Santa Clarita ⁴	Tulare	San Luis Obispo	Santa Barbara		
	[224]	[225]	[226]	[227]	[228]	[229]
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	2,727,753	2,883,211
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	2,928,291	3,058,493
2020	0	0	2,684	12,175	1,431,960	1,589,259
2021	0	0	3,141	2,809	1,052,730	1,217,008
2022	2,000	0	12,410	27,292	2,326,138	2,495,902
2023	2,000	0	12,448	27,292	2,326,176	2,495,940
2024	2,000	0	12,524	27,292	2,326,252	2,496,016
2025	2,000	0	12,570	27,292	2,326,298	2,496,062
2026	2,000	0	12,570	27,292	2,326,298	2,496,062
2027	2,000	0	12,570	27,292	2,326,298	2,496,062
2028	2,000	0	12,570	27,292	2,326,298	2,496,062
2029	2,000	0	12,570	27,292	2,326,298	2,496,062
2030	2,000	0	12,570	27,292	2,326,298	2,496,062
2031	2,000	0	12,570	27,292	2,326,298	2,496,062
2032	2,000	0	12,570	27,292	2,326,298	2,496,062
2033	2,000	0	12,570	27,292	2,326,298	2,496,062
2034	2,000	0	12,570	27,292	2,326,298	2,496,062
2035	2,000	0	12,570	27,292	2,326,298	2,496,062
TOTAL	391,611	13,765	264,526	884,721	134,226,254	144,179,996

⁴ 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	(8,450)	(63,578)	0	0	0	0	0	0
2021	0	0	0	0	0	0	(4,599)	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	(8,885)	(8,168)	(13,440)	(5,964)	(7)	(54,670)	(1,039,208)	(2)	(360,798)	(12)	(32)	(49)	(11)

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)												
	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 ¹	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	(5,000)	0
2008	0	0	0	(3,681)	0	0	0	0	0	0	(7,000)	(10,000)	0
2009	(4)	(2)	(19)	(1,000)	(38)	(49)	(1)	0	0	0	0	(3,083)	0
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	(4,000)	(4,000)	0
2014	(13)	(134)	(926)	0	(34)	(8)	0	0	0	0	(8,074)	(13,652)	0
2015	(3)	(27)	(187)	(21,076)	(7)	(1)	0	0	0	0	(11,185)	(14,115)	0
2016	0	0	0	(6,706)	0	0	0	0	0	0	(324)	0	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	(5,000)	0
2019	0	0	0	(62,615)	0	(7,754)	0	0	0	0	0	0	0
2020	0	0	0	(8,112)	(1,714)	(10,907)	0	0	0	0	(1,000)	(7,594)	0
2021	0	0	0	0	0	(193)	0	0	0	0	(907)	(1,344)	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	(20)	(163)	(12,260)	(389,156)	(23,081)	(88,206)	(1)	(12,806)	(6,020)	(24,167)	(28,145)	(34,297)	(63,788)

¹ 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 ¹	Alameda-Zone 7	Alameda County	AVEK	Coachella	Desert	Dudley Ridge	Kern (Agricultural)
[27]	[28]	[29]	[30]	[31]	[32]	[33]	[34]	[35]	[36]	[37]	[38]	[39]	
1962	0	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0	0	0	0	0	0	0
1994	0	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	0	0	0	0	0	0	0
1996	0	0	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	0	0	0	0
2001	0	(1,813)	(31,500)	0	(30,000)	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	(14,638)
2003	0	0	(10,000)	0	0	0	0	0	0	0	0	0	(5,170)
2004	0	(3)	(93,555)	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	(12,469)	(93,986)	0	(20,000)	0	0	0	0	0	0	0	(16,618)
2008	(4,864)	0	(99,024)	0	(10,000)	0	0	0	(8,393)	(3,000)	(3,486)	0	(103,683)
2009	0	(7,733)	(65,499)	0	(27,319)	(4,950)	0	0	(6,393)	(3,000)	0	0	(105,145)
2010	0	(56)	0	0	0	0	0	0	0	(8,393)	0	0	(43,833)
2011	0	0	0	0	0	0	0	0	0	0	0	0	(14,223)
2012	0	0	0	0	(17,000)	0	0	0	0	(4,000)	0	0	(12,815)
2013	0	(24,626)	(37,544)	0	(27,308)	0	0	0	0	(16,500)	0	0	(34,355)
2014	0	(7,476)	(30,049)	(694)	(29,134)	(4,951)	(5,901)	0	0	(5,000)	0	0	(90,996)
2015	0	(20,190)	(32,517)	0	(40,572)	0	(5,029)	0	0	(9,500)	0	0	(56,927)
2016	0	(626)	(12,440)	0	(1,122)	0	0	0	0	(16,500)	0	0	(64,384)
2017	0	0	0	0	0	0	0	0	0	(5,397)	0	0	(6,075)
2018	0	0	0	0	0	0	0	0	0	(20,603)	0	0	(28,601)
2019	0	0	0	0	0	0	0	0	(99)	0	0	0	0
2020	0	(95)	(3,616)	0	(9,369)	(5,000)	0	(5,307)	0	(19,000)	0	0	(75,648)
2021	0	(113,413)	0	0	(3,137)	(498)	(139)	(207)	0	(4,750)	0	(693)	(234,265)
2022	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	(4,864)	(188,500)	(509,730)	(694)	(214,961)	(15,399)	(11,069)	(5,514)	(14,885)	(115,643)	(3,486)	(693)	(907,376)

¹ 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 12E (continued)					Reach 13B						
	Metropolitan	San Bernardino	San Geronio	Santa Clara	Santa Clarita ¹	Alameda-Zone 7	Alameda County	Dudley Ridge	Kern Agricultural	Metropolitan	Palmdale	San Bernardino
[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	(20,800)	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	(5,073)	0	0	0	0	0	0	(15,316)	(24,523)	0	0	0
2004	(17,765)	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	(5,000)	0	0	0	(11,000)	0	0	(257,750)	0	(4,926)	0	0
2008	(8,402)	0	0	0	(11,000)	0	0	(228,579)	(25,721)	0	0	0
2009	(14,516)	0	0	(6,134)	(11,000)	0	0	(186,044)	0	0	0	0
2010	(52,413)	0	0	0	(2,750)	0	0	(59,451)	0	0	0	0
2011	(23,419)	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	(31,478)	(1,500)	0	0	0	0	0	(160,286)	(1,033)	0	0	0
2014	(9,882)	(400)	0	0	(13,824)	(931)	(1,088)	(161,077)	(17,184)	0	(3,906)	0
2015	(6,899)	0	0	(288)	(13,993)	(1,600)	(2,097)	(14,460)	(112,780)	(21,935)	0	0
2016	(23,389)	0	0	0	(5,940)	0	0	(28,033)	0	0	0	0
2017	(6,375)	0	(1,700)	0	0	0	0	(60,240)	0	0	0	0
2018	(2,618)	0	(1,700)	0	(6,000)	0	0	(1,506)	(54,934)	0	0	0
2019	(5,114)	0	(1,601)	0	(1,100)	0	0	(40,181)	0	0	0	0
2020	(10,884)	(5,000)	(1,700)	(7,431)	(18,747)	0	0	(3,540)	(110,307)	(2,320)	0	0
2021	(4,584)	0	(1,214)	(482)	(7,237)	0	0	(5,507)	(216,187)	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	(248,611)	(6,900)	(7,915)	(14,335)	(102,591)	(2,531)	(3,185)	(47,870)	(2,021,944)	(97,529)	(4,926)	(3,906)

¹ 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 13B	Reach 14B	Reach 14C		Reach 15A	Reach 16A	Reach 22A	Reach 22B		Reach 24	Reach EBX2C	
	Santa Clara	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]	[63]	
1962	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0	0	0	0	0	0
1994	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	0	0	0	0	0	0
1996	0	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	0	0	(51,089)
2001	0	(396)	(242)	0	0	0	(152)	0	0	0	0	(255,589)
2002	0	0	0	0	0	0	0	0	0	0	0	(46,131)
2003	0	0	0	(12,380)	0	0	0	0	0	0	0	(90,890)
2004	0	0	0	(25,512)	0	0	0	0	0	0	(844)	(197,363)
2005	0	0	0	0	0	0	0	0	0	0	(7)	(40,942)
2006	0	0	0	0	0	0	0	0	0	0	(2)	(73,814)
2007	0	0	0	(24,225)	0	0	0	0	(8,751)	(17,249)	0	(486,841)
2008	0	0	0	(37,602)	0	0	0	0	(4,816)	(3,679)	(6)	(681,260)
2009	0	(1,706)	(5,168)	(54,948)	(2,788)	(444)	0	0	0	(7,488)	(11)	(609,996)
2010	0	(1,867)	(4,761)	(32,758)	(2,913)	0	0	0	0	(2,891)	0	(546,720)
2011	0	0	0	(16,065)	0	0	0	0	0	0	0	(308,580)
2012	0	(73)	(862)	(10,010)	(405)	0	0	0	0	0	0	(230,793)
2013	(17,692)	(264)	(4,691)	(33,205)	(406)	0	0	0	0	0	0	(416,788)
2014	(5,253)	(6,898)	(10,773)	(47,358)	(5,962)	0	(1,046)	0	0	0	0	(614,333)
2015	(4,625)	(10,554)	(11,108)	(70,200)	(5,560)	0	(1,516)	0	0	0	0	(597,091)
2016	0	(8,376)	(4,939)	(29,819)	(3,549)	0	(1,056)	0	0	0	0	(283,675)
2017	0	0	0	(5,863)	0	0	0	0	0	0	0	(356,414)
2018	0	(6,266)	(4,988)	(13,893)	(1,656)	0	0	0	0	0	0	(261,314)
2019	0	0	0	(5,861)	0	0	0	0	0	0	0	(204,513)
2020	0	(7,738)	(6,033)	0	(1,163)	0	0	0	0	0	0	(394,253)
2021	0	(6,827)	(6,067)	0	(3,527)	0	0	0	0	0	0	(615,777)
2022	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	(27,570)	(50,965)	(59,632)	(419,699)	(27,929)	(444)	(3,618)	(152)	(13,567)	(31,307)	(870)	(7,364,166)

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 ¹				CENTRAL COASTAL AREA		
	Napa ²	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	12,089	37,664	49,753	26,183	23,529	56,794	106,506	2,684	12,175	14,859
2021	13,070	37,275	50,345	34,918	26,681	71,816	133,415	3,141	2,809	5,950
2022	17,415	28,654	46,069	48,371	25,200	60,000	133,571	12,410	27,292	39,702
2023	17,415	28,654	46,069	48,371	25,200	60,000	133,571	12,448	27,292	39,740
2024	17,415	28,654	46,069	48,371	25,200	60,000	133,571	12,524	27,292	39,816
2025	17,415	28,654	46,069	48,371	25,200	60,000	133,571	12,570	27,292	39,862
2026	17,415	28,654	46,069	48,371	25,200	60,000	133,571	12,570	27,292	39,862
2027	17,415	28,654	46,069	48,371	25,200	60,000	133,571	12,570	27,292	39,862
2028	17,415	28,654	46,069	48,371	25,200	60,000	133,571	12,570	27,292	39,862
2029	17,415	28,654	46,069	48,371	25,200	60,000	133,571	12,570	27,292	39,862
2030	17,415	28,654	46,069	48,371	25,200	60,000	133,571	12,570	27,292	39,862
2031	17,415	28,654	46,069	48,371	25,200	60,000	133,571	12,570	27,292	39,862
2032	17,415	28,654	46,069	48,371	25,200	60,000	133,571	12,570	27,292	39,862
2033	17,415	28,654	46,069	48,371	25,200	60,000	133,571	12,570	27,292	39,862
2034	17,415	28,654	46,069	48,371	25,200	60,000	133,571	12,570	27,292	39,862
2035	17,415	28,654	46,069	48,371	25,200	60,000	133,571	12,570	27,292	39,862
TOTAL	623,841	1,416,717	2,040,558	2,207,681	1,540,357	5,472,433	9,220,471	264,726	930,895	1,195,621

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

² 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	779,572	807,072	7,405	3,208	95,717	946,094
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	34,093	1,248	5,133	596,414	601,547	3,169	2,140	26,050	668,247
2021	15,212	150	1,047	562,949	563,996	2,330	822	18,748	601,258
2022	26,168	1,800	59,321	538,426	597,747	5,583	3,420	52,483	687,201
2023	26,168	1,800	59,321	538,426	597,747	5,583	3,420	52,483	687,201
2024	26,168	1,800	59,321	538,426	597,747	5,583	3,420	52,483	687,201
2025	26,168	1,800	59,321	538,426	597,747	5,583	3,420	52,483	687,201
2026	26,168	1,800	59,321	538,426	597,747	5,583	3,420	52,483	687,201
2027	26,168	1,800	59,321	538,426	597,747	5,583	3,420	52,483	687,201
2028	26,168	1,800	59,321	538,426	597,747	5,583	3,420	52,483	687,201
2029	26,168	1,800	59,321	538,426	597,747	5,583	3,420	52,483	687,201
2030	26,168	1,800	59,321	538,426	597,747	5,583	3,420	52,483	687,201
2031	26,168	1,800	59,321	538,426	597,747	5,583	3,420	52,483	687,201
2032	26,168	1,800	59,321	538,426	597,747	5,583	3,420	52,483	687,201
2033	26,168	1,800	59,321	538,426	597,747	5,583	3,420	52,483	687,201
2034	26,168	1,800	59,321	538,426	597,747	5,583	3,420	52,483	687,201
2035	26,168	1,800	59,321	538,426	597,747	5,583	3,420	52,483	687,201
TOTAL	2,613,315	134,164	3,627,110	44,986,939	48,614,049	263,283	253,301	4,850,128	56,728,240

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	139,088	1,193	47,746	0	5,471	10,210	43,498	17,055	13,175
2019	78,015	34,588	403	13,938	434	21,930	12,066	78,463	23,220	14,329
2020	43,720	116,818	715	39,192	1,525	3,352	7,016	23,504	7,893	11,459
2021	15,134	16,418	1,799	2,788	93	8,747	3,413	13,612	1,440	2,082
2022	86,906	83,010	3,480	33,450	1,380	49,410	19,543	61,560	17,280	10,380
2023	86,906	83,010	3,480	33,450	1,380	49,410	19,543	61,560	17,280	10,380
2024	86,906	83,010	3,480	33,450	1,380	49,410	19,543	61,560	17,280	10,380
2025	86,906	83,010	3,480	33,450	1,380	49,410	19,543	61,560	17,280	10,380
2026	86,906	83,010	3,480	33,450	1,380	49,410	19,543	61,560	17,280	10,380
2027	86,906	83,010	3,480	33,450	1,380	49,410	19,543	61,560	17,280	10,380
2028	86,906	83,010	3,480	33,450	1,380	49,410	19,543	61,560	17,280	10,380
2029	86,906	83,010	3,480	33,450	1,380	49,410	19,543	61,560	17,280	10,380
2030	86,906	83,010	3,480	33,450	1,380	49,410	19,543	61,560	17,280	10,380
2031	86,906	83,010	3,480	33,450	1,380	49,410	19,543	61,560	17,280	10,380
2032	86,906	83,010	3,480	33,450	1,380	49,410	19,543	61,560	17,280	10,380
2033	86,906	83,010	3,480	33,450	1,380	49,410	19,543	61,560	17,280	10,380
2034	86,906	83,010	3,480	33,450	1,380	49,410	19,543	61,560	17,280	10,380
2035	86,906	83,010	3,480	33,450	1,380	49,410	19,543	61,560	17,280	10,380
TOTAL	3,655,026	3,038,830	102,209	1,895,963	34,682	1,162,566	643,547	2,111,193	780,053	284,587

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 ^{3,4}	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	2,883,211
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	679,545	1,750	1,073,969	1,715	3,029	508	5,252	0	2,048,578
2019	48,345	1,347,162	19,538	1,692,431	1,655	2,955	436	5,046	0	3,058,493
2020	50,542	431,759	6,995	744,490	1,812	3,186	406	5,404	0	1,589,259
2021	46,675	303,655	3,363	419,219	3,398	3,288	135	6,821	0	1,217,008
2022	57,120	1,146,900	12,000	1,582,419	5,760	450	730	6,940	0	2,495,940
2023	57,120	1,146,900	12,000	1,582,419	5,760	450	730	6,940	0	2,496,016
2024	57,120	1,146,900	12,000	1,582,419	5,760	450	730	6,940	0	2,496,062
2025	57,120	1,146,900	12,000	1,582,419	5,760	450	730	6,940	0	2,496,062
2026	57,120	1,146,900	12,000	1,582,419	5,760	450	730	6,940	0	2,496,062
2027	57,120	1,146,900	12,000	1,582,419	5,760	450	730	6,940	0	2,496,062
2028	57,120	1,146,900	12,000	1,582,419	5,760	450	730	6,940	0	2,496,062
2029	57,120	1,146,900	12,000	1,582,419	5,760	450	730	6,940	0	2,496,062
2030	57,120	1,146,900	12,000	1,582,419	5,760	450	730	6,940	0	2,496,062
2031	57,120	1,146,900	12,000	1,582,419	5,760	450	730	6,940	0	2,496,062
2032	57,120	1,146,900	12,000	1,582,419	5,760	450	730	6,940	0	2,496,062
2033	57,120	1,146,900	12,000	1,582,419	5,760	450	730	6,940	0	2,496,062
2034	57,120	1,146,900	12,000	1,582,419	5,760	450	730	6,940	0	2,496,062
2035	57,120	1,146,900	12,000	1,582,419	5,760	450	730	6,940	0	2,496,062
TOTAL	2,544,822	58,248,898	280,034	74,782,410	140,473	47,531	24,692	212,696	0	144,179,996

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

⁴ 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 ¹	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	960	49,753	50,713	0	0	20,607	20,607	0	248	12,031	12,279
2021	0	51	50,345	50,396	0	0	25,789	25,789	0	5	13,069	13,074
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

¹For 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)

Table with columns for Calendar Year, SOUTH BAY AQUEDUCT (South Bay Pumping Plant), CALIFORNIA AQUEDUCT (North San Joaquin Division, Banks Pumping Plant), and Transportation Water. Rows list years from 1961 to 2035 with various water quantity metrics.

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

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

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			Initial Fill Water	Operational Losses	Reservoir Storage Changes	Deliveries		
				Water Supply	Recreation	Total				Water Supply	Recreation	Total
[27]	[28]	[29]	[30]	[31]	[32]	[33]	[34]	[35]	[36]	[37]	[38]	
1961	0	0	0	0	0	0	0	0	0	0	0	
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	11,079	25,126	0	189,104	0	225,309	0	0	0	0	0	
1969	3,887	9,922	0	192,689	0	206,498	0	0	0	0	0	
1970	7,668	1,901	0	270,300	0	279,869	4,779	1,012	0	3	5,794	
1971	23,207	(12,030)	0	545,869	0	557,046	7,853	8,399	0	101,512	0	
1972	145,066	(6,635)	(6,558)	886,840	6,481	1,025,194	100,274	20,044	(6,558)	223,626	6,481	
1973	214,941	(6,778)	1,329	635,716	1,147	846,355	204,638	35,695	1,329	311,096	1,147	
1974	247,894	(16,765)	(15,295)	780,513	2,108	998,455	237,554	19,672	(15,295)	388,949	2,108	
1975	110,149	(12,144)	(693)	1,126,152	3,358	1,226,822	103,352	26,342	(693)	672,531	3,358	
1976	67,834	(456)	(152,171)	1,241,550	1,581	1,158,338	61,122	29,428	(152,171)	785,055	1,581	
1977	0	26,359	(116,219)	463,970	737	374,847	0	25,173	(116,219)	271,944	560	
1978	67,457	1,905	79,308	1,335,362	680	1,484,712	65,027	17,751	121,904	762,043	674	
1979	17,397	33,884	(51,299)	1,530,926	685	1,531,593	12,302	46,157	(51,299)	737,714	502	
1980	3,159	34,391	(272,825)	1,407,663	1,514	1,173,902	0	49,025	(134,009)	778,059	1,262	
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	
1982	5,979	57,146	116,086	1,631,868	4,205	1,815,284	0	29,059	117,174	990,863	4,045	
1983	6,071	63,583	(101,155)	1,085,804	7,475	1,061,778	0	40,205	(101,155)	593,920	7,291	
1984	38,649	109,263	(112,744)	1,484,114	5,391	1,524,673	0	38,487	(114,984)	781,955	5,244	
1985	0	86,772	138,898	1,858,111	4,936	2,088,717	0	42,838	139,689	992,606	4,804	
1986	0	51,963	19,989	1,877,183	3,426	1,952,561	0	36,751	37,546	1,014,294	3,285	
1987	0	64,827	(25,707)	1,978,945	7,121	2,025,186	0	30,495	(25,522)	1,027,361	6,937	
1988	0	72,679	(34,592)	2,217,126	4,490	2,259,703	0	38,804	(29,747)	1,244,196	4,360	
1989	0	90,090	(29,411)	2,679,845	7,652	2,748,176	0	29,594	(60,826)	1,532,625	7,490	
1990	0	115,074	(11,323)	2,394,999	8,922	2,507,672	0	46,865	(15,092)	1,769,991	8,879	
1991	0	92,227	9,325	489,348	4,605	595,505	0	39,274	96,506	446,916	4,560	
1992	0	118,796	(225,603)	1,372,536	2,079	1,267,808	0	28,138	(98,271)	920,978	1,995	
1993	0	136,432	(220,537)	2,170,494	1,864	2,088,253	0	14,186	(128,363)	908,200	1,676	
1994	0	152,414	(78,957)	1,724,433	3,098	1,800,988	0	35,083	(88,211)	1,107,122	2,918	
1995	0	137,937	(12,473)	1,921,666	1,711	2,048,841	0	33,963	(16,431)	706,742	1,669	
1996	0	45,591	14,927	2,425,024	2,998	2,488,540	0	31,304	15,438	988,612	2,928	
1997	527	107,033	(66,814)	2,247,628	2,090	2,290,464	0	42,670	40,852	1,054,461	2,076	
1998	0	95,185	(338,076)	1,664,080	1,589	1,422,778	0	41,910	(106,487)	753,731	1,585	
1999	0	95,262	(2,778)	2,750,154	3,285	2,845,923	0	48,502	(2,807)	1,131,826	3,279	
2000	0	134,231	7,726	3,273,337	4,222	3,419,516	0	37,514	7,726	1,814,685	4,216	
2001	0	150,830	(18,830)	1,615,776	1,218	1,748,994	0	31,361	(18,830)	1,318,835	1,211	
2002	0	92,905	50,342	2,628,462	3,968	2,775,677	0	41,565	50,342	1,831,874	3,961	
2003	0	85,360	(48,181)	2,893,333	10,656	2,941,168	0	43,352	(48,181)	1,909,192	10,645	
2004	0	25,865	3,161	2,807,825	652	2,837,503	0	41,551	3,161	2,102,371	649	
2005	0	62,569	(159,678)	3,423,490	581	3,326,962	0	35,019	(159,678)	1,846,180	559	
2006	0	(12,341)	(120,122)	3,501,308	504	3,369,349	0	30,271	(120,122)	2,077,130	504	
2007	0	47,736	118,196	2,419,032	312	2,585,276	0	43,400	118,196	2,002,793	305	
2008	0	103,375	(4,230)	1,296,068	361	1,395,574	0	39,056	(4,230)	1,275,174	327	
2009	0	76,206	(726)	1,318,452	1,367	1,395,299	0	32,900	(726)	1,217,847	1,295	
2010	0	75,028	48,231	2,307,963	636	2,431,858	0	41,741	48,231	1,505,105	603	
2011	0	66,937	(18,816)	3,343,960	870	3,392,951	0	39,914	(18,816)	1,820,268	742	
2012	0	113,586	14,573	2,539,221	942	2,668,322	0	95,029	14,573	1,672,197	938	
2013	0	174,857	(1,058)	1,549,837	836	1,724,472	0	105,771	(1,058)	1,275,717	795	
2014	0	105,741	31,082	433,625	214	570,662	0	72,181	31,082	523,726	172	
2015	0	103,380	(32,942)	724,850	155	795,443	0	46,903	(32,942)	738,410	151	
2016	0	100,424	(63,199)	1,867,309	981	1,905,515	0	63,781	(63,199)	1,428,801	981	
2017	0	116,906	18,784	3,493,870	351	3,629,911	0	103,689	18,784	2,084,752	300	
2018	0	105,704	45,441	1,677,471	275	1,828,891	0	70,151	45,441	1,179,655	225	
2019	0	101,466	(38,271)	2,843,631	303	2,907,129	0	81,478	(38,271)	1,692,642	280	
2020	0	91,831	33,323	1,041,793	306	1,167,253	0	75,325	33,323	850,471	227	
2021	0	72,802	(149,000)	372,282	7,210	303,294	0	43,479	(149,000)	542,350	7,010	
2022	0	74,164	156,000	2,321,418	7,210	2,558,792	0	44,841	156,000	1,613,486	7,010	
2023	0	74,954	0	2,321,456	7,210	2,403,620	0	45,631	0	1,616,476	7,010	
2024	0	70,436	11,289	2,321,532	7,210	2,410,467	0	41,113	11,289	1,619,466	7,010	
2025	0	70,499	(12,518)	2,321,578	7,210	2,386,769	0	41,176	(12,518)	1,619,466	7,010	
2026	0	70,511	24,308	2,321,578	7,210	2,423,607	0	41,188	24,308	1,619,466	7,010	
2027	0	70,424	(17,799)	2,321,578	7,210	2,381,413	0	41,101	(17,799)	1,619,466	7,010	
2028	0	70,564	12,291	2,321,578	7,210	2,411,643	0	41,241	12,291	1,619,466	7,010	
2029	0	70,491	(9,046)	2,321,578	7,210	2,390,233	0	41,168	(9,046)	1,619,466	7,010	
2030	0	70,555	20,756	2,321,578	7,210	2,420,099	0	41,232	20,756	1,619,466	7,010	
2031	0	70,427	(97,726)	2,321,578	7,210	2,301,489	0	41,104	(97,726)	1,619,466	7,010	
2032	0	70,029	84,999	2,321,578	7,210	2,483,816	0	40,706	84,999	1,619,466	7,010	
2033	0	70,234	(94,652)	2,321,578	7,210	2,304,370	0	40,911	(94,652)	1,619,466	7,010	
2034	0	69,726	69,593	2,321,578	7,210	2,468,107	0	40,403	69,593	1,619,466	7,010	
2035	0	69,066	(242,659)	2,321,578	7,210	2,155,195	0	39,743	(242,659)	1,619,466	7,010	

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		
1961	[39] 0	[40] 0	[41] 0	[42] 0	[43] 0	[44] 0	[45] 0	[46] 0	[47] 0	[48] 0	[49] 0	[50] 0
1962	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	0	0	0	0
1970	198	2	0	0	0	200	0	0	0	0	0	0
1971	7,533	(112)	0	3,552	0	10,973	7,366	(159)	0	0	0	7,207
1972	100,274	12,765	(6,558)	84,955	6,481	197,917	100,274	13,160	(6,558)	78,891	6,481	192,248
1973	204,638	21,543	1,329	229,685	1,147	458,342	204,638	32,414	1,329	209,769	1,147	449,297
1974	237,554	11,843	(15,295)	336,198	2,108	572,408	237,554	17,655	(15,295)	318,198	2,108	560,220
1975	103,352	19,763	(693)	621,706	3,358	747,486	103,352	25,326	(693)	586,286	3,358	717,629
1976	61,122	18,552	(152,171)	740,486	1,581	669,570	61,122	21,468	(152,171)	700,935	1,581	632,935
1977	0	16,415	(116,219)	246,349	560	147,105	0	15,698	(116,219)	240,191	560	140,230
1978	65,027	28,820	121,904	631,121	674	847,546	65,027	26,705	121,904	599,973	674	814,283
1979	12,302	50,663	(51,299)	625,561	502	637,729	12,302	50,580	(51,299)	586,959	502	599,044
1980	0	48,825	(134,009)	696,405	1,262	612,483	0	58,085	(134,009)	658,588	1,262	583,926
1981	0	51,600	23,359	998,307	4,112	1,077,378	0	48,844	23,359	959,274	4,112	1,035,589
1982	0	44,353	117,332	878,486	4,045	1,044,216	0	33,541	117,277	830,704	4,045	985,567
1983	0	43,961	(101,155)	487,915	7,291	438,012	0	34,698	(101,155)	450,489	7,291	391,323
1984	0	45,999	(115,088)	632,262	5,244	568,417	0	33,132	(115,092)	582,414	5,244	505,698
1985	0	50,106	139,973	854,684	4,804	1,049,567	0	54,831	139,954	810,606	4,804	1,010,195
1986	0	38,747	37,546	882,300	3,285	961,878	0	41,421	37,546	839,839	3,285	922,091
1987	0	47,815	(25,522)	897,905	6,937	927,135	0	33,195	(25,522)	863,157	6,937	877,767
1988	0	53,815	(29,747)	1,097,643	4,360	1,126,071	0	39,775	(29,747)	1,055,649	4,360	1,070,037
1989	0	49,088	(60,826)	1,382,599	7,490	1,378,351	0	42,307	(60,826)	1,339,358	7,490	1,328,329
1990	0	66,868	(15,092)	1,627,246	8,879	1,687,901	0	56,663	(15,092)	1,590,893	8,879	1,641,343
1991	0	40,564	105,176	446,148	4,560	596,448	0	34,016	105,176	446,148	4,560	589,900
1992	0	31,820	(92,123)	844,376	1,995	786,068	0	34,477	(92,123)	820,133	1,995	764,482
1993	0	27,158	(127,738)	799,143	1,676	700,239	0	28,614	(127,738)	771,146	1,676	673,698
1994	0	50,802	(88,211)	1,007,214	2,918	972,723	0	57,203	(88,211)	977,703	2,918	949,613
1995	0	48,705	(16,431)	586,829	1,669	620,772	0	36,309	(16,431)	560,695	1,669	582,242
1996	0	58,437	15,438	836,819	2,928	913,622	0	43,710	15,438	800,633	2,928	862,709
1997	0	73,656	40,852	918,124	2,076	1,034,708	0	62,275	40,852	881,843	2,076	987,046
1998	0	61,137	(106,487)	656,796	1,585	613,031	0	47,523	(106,487)	628,084	1,585	570,705
1999	0	77,334	(2,807)	1,011,608	3,279	1,089,414	0	55,514	(2,807)	974,807	3,279	1,030,793
2000	0	87,084	7,726	1,691,120	4,216	1,790,146	0	49,690	7,726	1,651,057	4,216	1,712,689
2001	0	71,588	(18,830)	1,233,862	1,211	1,287,831	0	54,742	(18,830)	1,202,670	1,211	1,239,793
2002	0	108,309	50,342	1,740,813	3,961	1,903,425	0	69,443	50,342	1,699,261	3,961	1,823,007
2003	0	106,973	(48,181)	1,825,617	10,645	1,895,054	0	57,291	(48,181)	1,789,015	10,645	1,808,770
2004	0	122,559	3,161	2,032,528	649	2,158,897	0	60,847	3,161	1,992,344	649	2,057,001
2005	0	99,523	(159,678)	1,751,799	559	1,692,203	0	53,502	(159,678)	1,711,929	559	1,606,312
2006	0	128,022	(120,122)	1,967,163	504	1,975,567	0	46,463	(120,122)	1,920,919	504	1,847,764
2007	0	139,502	118,196	1,910,800	305	2,168,803	0	59,454	118,196	1,863,410	305	2,041,365
2008	0	97,209	(4,230)	1,201,345	327	1,294,651	0	51,709	(4,230)	1,168,316	327	1,216,122
2009	0	88,574	(726)	1,169,477	1,295	1,258,620	0	43,229	(726)	1,146,258	1,295	1,190,056
2010	0	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)	1,584,307	280	1,654,648	0	79,072	(38,271)	1,549,127	280	1,590,208
2020	0	84,476	33,323	768,417	227	886,443	0	65,393	33,323	755,141	227	854,084
2021	0	39,849	(149,000)	461,659	7,010	359,518	0	39,599	(149,000)	442,593	7,010	340,202
2022	0	41,211	156,000	1,535,686	7,010	1,739,907	0	40,961	156,000	1,508,786	7,010	1,712,757
2023	0	42,001	0	1,538,676	7,010	1,587,687	0	41,751	0	1,511,776	7,010	1,560,537
2024	0	37,483	11,289	1,541,666	7,010	1,597,448	0	37,233	11,289	1,514,766	7,010	1,570,298
2025	0	37,546	(12,518)	1,541,666	7,010	1,573,704	0	37,296	(12,518)	1,514,766	7,010	1,546,554
2026	0	37,558	24,308	1,541,666	7,010	1,610,542	0	37,308	24,308	1,514,766	7,010	1,583,392
2027	0	37,471	(17,799)	1,541,666	7,010	1,568,348	0	37,221	(17,799)	1,514,766	7,010	1,541,198
2028	0	37,611	12,291	1,541,666	7,010	1,598,578	0	37,361	12,291	1,514,766	7,010	1,571,428
2029	0	37,538	(9,046)	1,541,666	7,010	1,577,168	0	37,288	(9,046)	1,514,766	7,010	1,550,018
2030	0	37,602	20,756	1,541,666	7,010	1,607,034	0	37,352	20,756	1,514,766	7,010	1,579,884
2031	0	37,474	(97,726)	1,541,666	7,010	1,488,424	0	37,224	(97,726)	1,514,766	7,010	1,461,274
2032	0	37,076	84,999	1,541,666	7,010	1,670,751	0	36,826	84,999	1,514,766	7,010	1,643,601
2033	0	37,281	(94,652)	1,541,666	7,010	1,491,305	0	37,031	(94,652)	1,514,766	7,010	1,464,155
2034	0	36,773	69,593	1,541,666	7,010	1,655,042	0	36,523	69,593	1,514,766	7,010	1,627,892
2035	0	36,113	(242,659)	1,541,666	7,010	1,342,130	0	35,863	(242,659)	1,514,766	7,010	1,314,980

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	
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	5,446	8	0	0	0	5,454	0	0	0	0	0	
1972	100,274	16,067	(6,558)	74,123	6,481	190,387	0	0	0	0	0	
1973	204,638	34,051	1,329	207,808	1,147	448,973	0	0	0	0	0	
1974	237,554	18,181	(15,295)	313,634	2,108	556,182	0	0	0	0	0	
1975	103,352	20,183	(693)	573,219	3,358	699,419	0	0	0	0	0	
1976	61,122	21,096	(152,171)	685,768	1,581	617,396	0	0	0	0	0	
1977	0	18,424	(116,219)	236,086	560	138,851	0	0	0	0	0	
1978	65,027	20,887	121,904	590,329	674	798,821	0	0	0	0	0	
1979	12,302	46,332	(51,299)	568,338	502	576,175	0	0	0	0	0	
1980	0	52,967	(134,009)	639,743	1,262	559,963	0	0	0	0	0	
1981	0	40,602	23,359	938,482	4,112	1,006,555	0	0	0	0	0	
1982	0	37,244	117,296	812,206	4,045	970,791	0	0	0	0	0	
1983	0	40,690	(101,155)	431,182	7,291	378,008	0	0	0	0	0	
1984	0	42,112	(115,214)	556,830	5,244	488,972	0	0	0	0	0	
1985	0	45,265	139,988	792,477	4,804	982,534	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)	1,525,437	280	1,523,177	0	2,373	(29,553)	1,181,051	148	1,154,019
2020	0	43,103	33,323	735,426	227	812,079	0	119	32,814	331,794	158	364,885
2021	0	38,049	(149,000)	418,216	7,010	314,275	0	23,053	(4,000)	170,848	1,630	191,531
2022	0	39,411	156,000	1,482,319	7,010	1,684,740	0	23,053	0	1,066,235	1,630	1,090,918
2023	0	40,201	0	1,485,309	7,010	1,532,520	0	23,053	0	1,066,229	1,630	1,090,912
2024	0	35,683	11,289	1,488,299	7,010	1,542,281	0	20,881	21,309	1,066,217	1,630	1,110,037
2025	0	35,746	(12,518)	1,488,299	7,010	1,518,537	0	20,965	(11,624)	1,066,211	1,630	1,077,182
2026	0	35,758	24,308	1,488,299	7,010	1,555,375	0	20,930	13,030	1,066,211	1,630	1,101,801
2027	0	35,671	(17,799)	1,488,299	7,010	1,513,181	0	20,861	(6,161)	1,066,211	1,630	1,082,541
2028	0	35,811	12,291	1,488,299	7,010	1,543,411	0	20,961	4,006	1,066,211	1,630	1,092,808
2029	0	35,738	(9,046)	1,488,299	7,010	1,522,001	0	20,955	(913)	1,066,211	1,630	1,087,883
2030	0	35,802	20,756	1,488,299	7,010	1,551,867	0	20,930	8,528	1,066,211	1,630	1,097,299
2031	0	35,674	(97,726)	1,488,299	7,010	1,433,257	0	20,956	(31,057)	1,066,211	1,630	1,057,740
2032	0	35,276	84,999	1,488,299	7,010	1,615,584	0	20,865	43,953	1,066,211	1,630	1,132,659
2033	0	35,481	(94,652)	1,488,299	7,010	1,436,138	0	20,854	(37,929)	1,066,211	1,630	1,050,766
2034	0	34,973	69,593	1,488,299	7,010	1,599,875	0	20,769	28,588	1,066,211	1,630	1,117,198
2035	0	34,313	(242,659)	1,488,299	7,010	1,286,963	0	20,892	(49,219)	1,066,211	1,630	1,039,514

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		
1961	[63] 0	[64] 0	[65] 0	[66] 0	[67] 0	[68] 0	[69] 0	[70] 0	[71] 0	[72] 0	[73] 0	[74] 0
1962	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0	0	0	0	0	0
1971	21	0	0	0	0	21	0	0	0	0	0	0
1972	35,243	5,282	(153)	1,794	0	42,166	0	0	0	0	0	0
1973	80,177	21,522	(2,700)	52,201	72	151,272	0	0	0	0	0	0
1974	76,694	10,847	(11,149)	102,839	44	179,275	0	0	0	0	0	0
1975	10,000	2,364	(8,397)	190,351	70	194,388	0	0	0	0	0	0
1976	4,168	7,040	(16,055)	236,713	152	232,018	0	0	0	0	0	0
1977	0	11,398	(17,534)	102,326	580	96,770	0	0	0	0	0	0
1978	19,922	5,696	69,130	374,845	498	470,091	0	0	0	0	0	0
1979	12,302	6,836	(32,518)	362,114	502	349,236	0	0	0	0	0	0
1980	0	16,200	6,159	401,214	781	424,354	0	0	0	0	0	0
1981	0	4,992	(36,278)	574,573	933	544,220	0	0	0	0	0	0
1982	0	5,251	55,232	401,037	1,919	463,439	0	0	0	0	0	0
1983	0	11,745	(26,847)	231,188	1,180	217,266	0	0	0	0	0	0
1984	0	18,228	23,230	252,066	1,494	295,018	0	0	0	0	0	0
1985	0	25,292	(2,815)	350,758	1,076	374,311	0	0	0	0	0	0
1986	0	30,876	12,258	394,156	1,508	438,798	0	0	0	0	0	0
1987	0	27,552	(15,270)	377,531	1,239	391,052	0	0	0	0	0	0
1988	0	32,209	1,101	501,300	971	535,581	0	1,977	1,101	501,291	971	505,340
1989	0	31,500	(20,363)	661,189	1,407	673,733	0	29,110	(20,363)	661,100	1,407	671,254
1990	0	32,672	(5,916)	730,560	1,388	758,704	0	23,692	(5,916)	730,550	1,388	749,714
1991	0	15,209	34,774	163,913	394	214,290	0	(543)	34,774	163,913	394	198,538
1992	0	13,989	(17,451)	338,249	423	335,210	0	(13,193)	(17,451)	338,207	423	307,986
1993	0	9,779	(3,455)	255,117	443	261,884	0	(11,922)	(3,455)	255,117	443	240,183
1994	0	150	3,395	409,928	430	413,903	0	1,601	3,395	395,294	430	400,720
1995	0	6,820	(29,282)	328,882	427	306,847	0	10,458	(29,282)	321,387	427	302,990
1996	0	9,514	(11,410)	424,252	565	422,921	0	(5,577)	(11,410)	418,141	565	401,719
1997	0	(1,124)	38,960	461,563	507	499,906	0	5,171	38,960	452,525	507	497,163
1998	0	(2,087)	16,361	334,965	363	349,602	0	11,496	16,361	332,385	363	360,605
1999	0	(1,154)	(8,486)	505,624	396	496,380	0	11,065	(8,486)	498,919	396	501,894
2000	0	(23,296)	(10,472)	864,999	449	831,680	0	4,896	(10,472)	854,980	449	849,853
2001	0	(9,304)	3,478	635,316	452	629,942	0	7,403	3,478	632,420	452	643,753
2002	0	3,810	8,398	823,690	490	836,388	0	9,300	8,398	820,217	490	838,405
2003	0	2,814	(20,787)	962,488	355	944,870	0	(6,586)	(20,787)	941,713	355	914,695
2004	0	(15,558)	17,207	1,047,521	171	1,049,341	0	5,034	17,207	1,035,315	171	1,057,727
2005	0	(18,967)	(50,014)	1,043,564	84	974,667	0	827	(50,014)	1,025,453	84	976,350
2006	0	(21,986)	8,653	1,187,627	98	1,174,392	0	(845)	8,653	1,154,634	98	1,162,540
2007	0	(13,055)	(5,091)	975,802	103	957,759	0	3,060	(5,091)	956,281	103	954,353
2008	0	723	5,383	550,143	80	556,329	0	8,380	5,383	534,480	80	548,323
2009	0	3,807	(5,619)	431,289	1,100	430,577	0	10,520	(5,619)	411,075	1,100	417,076
2010	0	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)	1,086,858	148	1,072,451	0	6,055	(29,553)	1,069,197	148	1,045,847
2020	0	19,156	32,814	286,516	158	338,644	0	11,914	32,814	283,172	158	328,058
2021	0	17,703	(4,000)	152,187	1,430	167,320	0	14,233	(4,000)	144,595	1,430	156,258
2022	0	17,703	0	959,148	1,430	978,281	0	14,233	0	927,226	1,430	942,889
2023	0	17,703	0	959,160	1,430	978,293	0	14,233	0	927,226	1,430	942,889
2024	0	15,531	21,309	959,184	1,430	997,454	0	12,061	21,309	927,226	1,430	962,026
2025	0	15,615	(11,624)	959,196	1,430	964,617	0	12,145	(11,624)	927,226	1,430	929,177
2026	0	15,580	13,030	959,196	1,430	989,236	0	12,110	13,030	927,226	1,430	953,796
2027	0	15,511	(6,161)	959,196	1,430	969,976	0	12,041	(6,161)	927,226	1,430	934,536
2028	0	15,611	4,006	959,196	1,430	980,243	0	12,141	4,006	927,226	1,430	944,803
2029	0	15,605	(913)	959,196	1,430	975,318	0	12,135	(913)	927,226	1,430	939,878
2030	0	15,580	8,528	959,196	1,430	984,734	0	12,110	8,528	927,226	1,430	949,294
2031	0	15,606	(31,057)	959,196	1,430	945,175	0	12,136	(31,057)	927,226	1,430	909,735
2032	0	15,515	43,953	959,196	1,430	1,020,094	0	12,045	43,953	927,226	1,430	984,654
2033	0	15,504	(37,929)	959,196	1,430	938,201	0	12,034	(37,929)	927,226	1,430	902,761
2034	0	15,419	28,588	959,196	1,430	1,004,633	0	11,949	28,588	927,226	1,430	969,193
2035	0	15,542	(49,219)	959,196	1,430	926,949	0	12,072	(49,219)	927,226	1,430	891,509

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									
	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	
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	0	0	0	0	0	0	0	0	0	
1972	37	0	0	1,275	0	1,312	0	0	0	
1973	40,848	14,745	0	51,812	0	107,405	0	0	0	
1974	74,666	8,367	(4,925)	102,198	0	180,306	0	0	0	
1975	10,000	1,995	(6,719)	189,526	0	194,802	0	0	0	
1976	4,168	5,180	(9,182)	235,711	23	235,900	0	0	0	
1977	0	8,082	(5,235)	101,137	469	104,453	0	0	0	
1978	14,820	3,754	21,686	373,636	481	414,377	0	0	0	
1979	12,302	5,620	(27,107)	356,854	485	348,154	0	0	0	
1980	0	9,468	12,714	395,975	742	418,899	0	0	0	
1981	0	8,401	(23,448)	569,088	807	554,848	0	0	0	
1982	0	6,012	44,469	399,799	1,798	452,078	0	0	0	
1983	0	8,597	5,188	230,277	1,078	245,140	0	0	0	
1984	0	12,861	(850)	250,938	1,414	264,363	0	0	0	
1985	0	14,325	(8,791)	349,336	956	355,826	0	0	0	
1986	0	9,486	8,339	392,650	1,378	411,853	0	0	0	
1987	0	7,923	(11,335)	375,451	1,118	373,157	0	0	0	
1988	0	11,090	2,238	499,285	861	513,474	0	0	0	
1989	0	13,116	(5,487)	658,730	1,301	667,660	0	0	0	
1990	0	13,439	(4,622)	728,723	1,281	738,821	0	0	0	
1991	0	10,836	18,308	161,032	340	190,516	0	0	0	
1992	0	9,157	(9,084)	328,354	371	328,798	0	0	0	
1993	0	5,602	5,593	244,678	364	256,237	0	0	0	
1994	0	10,915	(11,045)	393,690	357	393,917	0	0	0	
1995	0	11,268	2,331	320,978	358	334,935	0	0	0	
1996	0	9,496	13,015	417,656	494	440,661	0	0	0	
1997	0	8,087	(19,685)	451,874	416	440,692	0	0	0	
1998	0	6,700	16,643	332,198	310	355,851	0	0	0	
1999	0	9,784	(4,177)	497,787	341	503,735	0	0	0	
2000	0	7,407	(11,040)	853,786	375	850,528	0	0	0	
2001	0	9,324	8,183	631,363	374	649,244	0	0	0	
2002	0	10,315	9,682	818,028	413	838,438	0	0	0	
2003	0	9,198	(18,298)	922,901	260	914,061	0	4,526	4,526	
2004	0	11,166	15,150	1,033,309	85	1,059,710	0	3,798	3,798	
2005	0	4,500	(63,441)	1,010,247	0	951,306	0	3,686	3,686	
2006	0	8,208	7,571	1,153,993	0	1,169,772	0	7,775	7,775	
2007	0	8,216	(5,872)	953,803	0	956,147	0	12,168	12,168	
2008	0	10,599	7,759	533,221	0	551,579	0	14,408	14,408	
2009	0	10,035	(5,600)	410,032	1,025	415,492	0	20,542	20,542	
2010	0	6,275	5,344	851,786	307	863,712	0	18,395	18,395	
2011	0	7,359	2,371	1,066,088	417	1,076,235	0	20,586	20,586	
2012	0	(1,942)	(2,225)	771,982	459	768,274	0	23,791	23,791	
2013	0	3,306	3,042	458,221	416	464,985	0	20,560	20,560	
2014	0	9,919	42,495	129,317	27	181,758	0	9,843	9,843	
2015	0	8,923	(3,561)	220,068	35	225,465	0	9,791	9,791	
2016	0	(2,942)	3,074	711,654	107	711,893	0	22,896	22,896	
2017	0	(8,690)	(53,233)	1,297,152	150	1,235,379	0	6,682	6,682	
2018	0	3,164	53,152	585,739	95	642,150	0	4,241	4,241	
2019	0	3,039	(19,717)	1,064,337	88	1,047,747	0	13,622	13,622	
2020	0	5,007	27,438	282,457	95	314,997	0	2,349	2,349	
2021	0	10,066	(3,000)	141,614	1,250	149,930	0	82	82	
2022	0	10,065	0	905,644	1,250	916,959	0	0	0	
2023	0	10,065	0	905,644	1,250	916,959	0	0	0	
2024	0	8,462	689	905,644	1,250	916,045	0	0	0	
2025	0	8,489	4,591	905,644	1,250	919,974	0	0	0	
2026	0	8,475	(3,819)	905,644	1,250	911,550	0	0	0	
2027	0	8,479	745	905,644	1,250	916,118	0	0	0	
2028	0	8,481	(5,355)	905,644	1,250	910,020	0	0	0	
2029	0	8,481	2,909	905,644	1,250	918,284	0	0	0	
2030	0	8,480	296	905,644	1,250	915,670	0	0	0	
2031	0	8,475	(1,976)	905,644	1,250	913,393	0	0	0	
2032	0	8,449	18,821	905,644	1,250	934,164	0	0	0	
2033	0	8,449	(23,419)	905,644	1,250	891,924	0	0	0	
2034	0	8,443	21,651	905,644	1,250	936,988	0	0	0	
2035	0	8,451	(31,434)	905,644	1,250	883,911	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 ³				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	25,442	25,442	0	0	25,442	25,442	0	0	14,152	14,152
2020	0	0	17,983	17,983	0	0	17,983	17,983	0	0	11,459	11,459
2021	0	0	2,793	2,793	0	0	2,793	2,793	0	0	2,063	2,063
2022	0	0	10,380	10,380	0	0	10,380	10,380	0	0	10,380	10,380
2023	0	0	10,380	10,380	0	0	10,380	10,380	0	0	10,380	10,380
2024	0	0	10,380	10,380	0	0	10,380	10,380	0	0	10,380	10,380
2025	0	0	10,380	10,380	0	0	10,380	10,380	0	0	10,380	10,380
2026	0	0	10,380	10,380	0	0	10,380	10,380	0	0	10,380	10,380
2027	0	0	10,380	10,380	0	0	10,380	10,380	0	0	10,380	10,380
2028	0	0	10,380	10,380	0	0	10,380	10,380	0	0	10,380	10,380
2029	0	0	10,380	10,380	0	0	10,380	10,380	0	0	10,380	10,380
2030	0	0	10,380	10,380	0	0	10,380	10,380	0	0	10,380	10,380
2031	0	0	10,380	10,380	0	0	10,380	10,380	0	0	10,380	10,380
2032	0	0	10,380	10,380	0	0	10,380	10,380	0	0	10,380	10,380
2033	0	0	10,380	10,380	0	0	10,380	10,380	0	0	10,380	10,380
2034	0	0	10,380	10,380	0	0	10,380	10,380	0	0	10,380	10,380
2035	0	0	10,380	10,380	0	0	10,380	10,380	0	0	10,380	10,380

³ 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	
1983	0	23,601	(74,308)	166,995	6,111	122,399	0	20,780	(74,308)	166,995	6,111	
1984	0	12,461	(138,146)	272,101	3,750	150,166	0	13,572	(139,219)	275,212	2,208	
1985	0	28,257	142,219	403,097	3,728	577,301	0	29,286	141,492	403,097	874	
1986	0	22,387	25,288	393,203	1,777	442,655	0	21,579	25,288	393,203	1,777	
1987	0	18,164	(10,252)	433,452	5,698	447,062	0	20,885	(10,252)	433,452	5,698	
1988	0	20,461	(30,848)	507,169	3,389	500,171	0	23,253	(31,453)	507,169	3,389	
1989	0	27,914	(40,463)	611,681	6,083	605,215	0	27,131	(40,463)	611,681	6,083	
1990	0	33,666	(9,176)	791,355	7,491	823,336	0	34,208	(9,176)	791,355	7,491	
1991	0	16,460	70,754	263,909	4,166	355,289	0	16,908	70,754	263,909	4,166	
1992	0	8,238	(75,008)	435,661	1,572	370,463	0	9,638	(75,008)	435,661	1,572	
1993	0	2,674	(124,283)	451,263	1,233	330,887	0	1,922	(124,283)	451,257	1,233	
1994	0	18,688	(91,606)	490,819	2,488	420,389	0	23,151	(91,606)	490,819	2,488	
1995	0	21,775	14,330	157,629	1,242	194,976	0	15,860	14,330	157,629	1,242	
1996	0	30,121	26,848	286,066	2,363	345,398	0	21,191	26,848	286,066	2,363	
1997	0	30,468	1,892	323,212	1,569	357,141	0	23,437	1,892	323,201	1,569	
1998	0	26,851	(122,848)	208,916	1,222	114,141	0	26,864	(122,848)	208,909	1,222	
1999	0	25,690	5,679	357,664	2,883	391,916	0	21,822	8,120	357,664	2,883	
2000	0	33,658	18,198	668,126	3,767	723,749	0	27,237	18,198	668,126	3,767	
2001	0	24,551	(22,308)	477,315	759	480,317	0	17,404	(22,308)	477,315	759	
2002	0	44,692	41,944	779,284	3,471	869,391	0	35,058	41,944	779,284	3,471	
2003	0	39,495	(27,394)	735,699	10,290	758,090	0	28,167	(27,394)	735,699	10,290	
2004	0	41,947	(14,046)	850,007	478	878,386	0	31,034	(14,046)	850,007	478	
2005	0	38,154	(109,664)	577,251	475	506,216	0	29,111	(109,664)	577,251	475	
2006	0	38,534	(128,775)	616,546	406	526,711	0	23,453	(128,775)	616,546	406	
2007	0	46,921	123,287	760,750	202	931,160	0	29,978	123,287	760,750	202	
2008	0	36,204	(9,613)	531,832	247	558,670	0	36,744	(9,613)	531,832	247	
2009	0	33,295	4,893	631,969	195	670,352	0	30,564	4,893	631,969	195	
2010	0	27,788	41,267	412,240	240	481,535	0	26,930	41,267	412,240	240	
2011	0	29,227	(17,411)	411,366	242	423,424	0	29,363	(17,411)	411,366	242	
2012	0	42,913	14,802	593,774	388	651,877	0	28,769	14,802	593,750	388	
2013	0	49,029	(4,336)	612,912	294	657,899	0	30,918	(4,336)	612,865	294	
2014	0	27,005	(10,841)	305,533	91	321,788	0	17,555	(10,841)	305,533	91	
2015	0	32,430	(25,883)	466,081	80	472,708	0	22,165	(25,883)	466,081	80	
2016	0	34,186	(70,824)	544,471	818	508,651	0	28,991	(70,824)	544,471	818	
2017	0	38,989	75,514	417,074	65	531,642	0	37,047	75,514	416,564	65	
2018	0	35,425	(10,680)	370,993	70	395,808	0	16,442	(10,680)	370,993	70	
2019	0	33,516	(8,718)	344,386	132	369,316	0	9,606	(8,718)	344,386	132	
2020	0	43,257	509	403,632	69	447,467	0	20,007	509	403,632	69	
2021	0	14,946	(145,000)	247,368	5,380	122,694	0	13,036	(145,000)	247,368	5,380	
2022	0	16,308	156,000	416,084	5,380	593,772	0	14,398	156,000	415,814	5,380	
2023	0	17,098	0	419,080	5,380	441,558	0	15,188	0	418,804	5,380	
2024	0	14,752	(10,020)	422,082	5,380	432,194	0	12,842	(10,020)	421,794	5,380	
2025	0	14,731	(894)	422,088	5,380	441,305	0	12,821	(894)	421,794	5,380	
2026	0	14,778	11,278	422,088	5,380	453,524	0	12,868	11,278	421,794	5,380	
2027	0	14,760	(11,638)	422,088	5,380	430,590	0	12,850	(11,638)	421,794	5,380	
2028	0	14,800	8,285	422,088	5,380	450,553	0	12,890	8,285	421,794	5,380	
2029	0	14,733	(8,133)	422,088	5,380	434,068	0	12,823	(8,133)	421,794	5,380	
2030	0	14,822	12,228	422,088	5,380	454,518	0	12,912	12,228	421,794	5,380	
2031	0	14,668	(66,669)	422,088	5,380	375,467	0	12,758	(66,669)	421,794	5,380	
2032	0	14,361	41,046	422,088	5,380	482,875	0	12,451	41,046	421,794	5,380	
2033	0	14,577	(56,723)	422,088	5,380	385,322	0	12,667	(56,723)	421,794	5,380	
2034	0	14,154	41,005	422,088	5,380	482,627	0	12,244	41,005	421,794	5,380	
2035	0	13,371	(193,440)	422,088	5,380	247,399	0	11,461	(193,440)	421,794	5,380	

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	Total
				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	481	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	0	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	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	24,183
2000	0	(19,645)	9,320	665,926	1,556	657,157	0	(429)	120,313	119,884	0	0	26,703	26,703
2001	0	(5,949)	(16,588)	477,315	746	455,524	0	(742)	87,915	87,173	0	0	23,229	23,229
2002	0	10,071	35,623	776,136	305	822,135	0	638	99,783	100,421	0	(151)	31,991	31,840
2003	0	9,075	(17,034)	725,781	356	718,178	0	161	101,113	101,274	0	284	31,421	31,705
2004	0	9,120	(11,440)	845,960	456	844,096	0	492	104,144	104,636	0	480	33,870	34,350
2005	0	21,155	(61,490)	577,251	472	537,388	0	1,484	103,178	104,662	0	573	27,595	28,168
2006	0	4,173	(121,607)	616,546	396	499,508	0	1,994	115,433	117,427	0	2,034	27,484	29,518
2007	0	(1,664)	117,880	758,860	196	875,272	0	3,355	131,590	134,945	0	293	31,516	31,809
2008	0	498	(14,279)	529,852	211	516,282	0	3,696	107,239	110,935	0	(30)	21,795	21,765
2009	0	(2,825)	9,194	628,819	164	635,352	0	2,242	102,509	104,751	0	(3,078)	19,253	16,175
2010	0	(4,135)	40,284	409,090	207	445,446	0	4,265	106,590	110,855	0	272	21,532	21,804
2011	0	(9,084)	(22,531)	408,846	221	377,452	0	3,994	113,647	117,641	0	533	24,869	25,402
2012	0	10,210	16,335	590,600	375	617,520	0	7,411	109,383	116,794	0	589	23,418	24,007
2013	0	13,114	(3,811)	610,623	196	620,122	0	7,637	110,714	118,351	0	295	21,699	21,994
2014	0	4,742	(11,327)	305,533	47	298,995	0	6,636	94,369	101,005	0	4,018	19,963	23,981
2015	0	4,268	(25,001)	465,451	63	444,781	0	5,458	94,227	99,685	0	378	15,111	15,489
2016	0	5,995	(68,486)	542,581	795	480,885	0	6,851	119,233	126,084	0	827	31,381	32,208
2017	0	17,918	75,020	413,886	34	506,858	0	7,192	132,194	139,386	0	7,332	32,585	39,917
2018	0	11,319	(745)	369,891	19	380,484	0	6,521	118,880	125,401	0	952	29,875	30,827
2019	0	10,896	(9,095)	326,236	73	328,110	0	2,988	110,756	113,744	0	1,163	20,780	21,943
2020	0	11,072	3,514	397,007	15	411,608	0	(1,743)	104,335	102,592	0	240	14,859	15,099
2021	0	7,589	(145,000)	244,847	2,330	109,766	0	663	69,203	69,866	0	73	5,950	6,023
2022	0	8,951	156,000	413,924	2,330	581,205	0	663	94,145	94,808	0	73	39,702	39,775
2023	0	9,741	0	416,914	2,330	428,985	0	663	94,183	94,846	0	73	39,740	39,813
2024	0	6,557	(10,020)	419,904	2,330	418,771	0	663	94,259	94,922	0	73	39,816	39,889
2025	0	6,536	(894)	419,904	2,330	427,876	0	663	94,305	94,968	0	73	39,862	39,935
2026	0	6,583	11,278	419,904	2,330	440,095	0	663	94,305	94,968	0	73	39,862	39,935
2027	0	6,565	(11,638)	419,904	2,330	417,161	0	663	94,305	94,968	0	73	39,862	39,935
2028	0	6,605	8,285	419,904	2,330	437,124	0	663	94,305	94,968	0	73	39,862	39,935
2029	0	6,538	(8,133)	419,904	2,330	420,639	0	663	94,305	94,968	0	73	39,862	39,935
2030	0	6,627	12,228	419,904	2,330	441,089	0	663	94,305	94,968	0	73	39,862	39,935
2031	0	6,473	(66,669)	419,904	2,330	362,038	0	663	94,305	94,968	0	73	39,862	39,935
2032	0	6,166	41,046	419,904	2,330	469,446	0	663	94,305	94,968	0	73	39,862	39,935
2033	0	6,382	(56,723)	419,904	2,330	371,893	0	663	94,305	94,968	0	73	39,862	39,935
2034	0	5,959	41,005	419,904	2,330	469,198	0	663	94,305	94,968	0	73	39,862	39,935
2035	0	5,176	(193,440)	419,904	2,330	233,970	0	663	94,305	94,968	0	73	39,862	39,935

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 ¹	Allowance for Future Price Escalation ²	Costs of Construction of Delivery Structures ³	Costs of Requested Excess Capacity and Future Enlargement ⁴	Capital Cost Component of Delta Water Charge ⁵	Capital Cost Component of Transportation Water Charge ⁶	Water Supply and Power Total		
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]
CONSERVATION FACILITIES									
Upper Feather Division									
Frenchman Dam and Lake									
Grizzly Valley Dam and Lake Davis									
Antelope Dam and Lake									
Abbey Bridge Dam and Reservoir									
Dixie Refuge Dam and Reservoir									
Total, Upper Feather Division									
Oroville Division									
Multipurpose Facilities									
Specific Power Facilities									
Total, Oroville Division									
California Aqueduct									
North San Joaquin Division									
San Luis Division									
Total, California Aqueduct									
Delta Facilities									
Planning and Preoperation									
TOTAL, CONSERVATION FACILITIES									
TRANSPORTATION FACILITIES									
Upper Feather Division									
Grizzly Valley Pipeline									
North Bay Aqueduct									
South Bay Aqueduct									
California Aqueduct									
North San Joaquin Division									
San Luis Division									
South San Joaquin Division									
Tehachapi Division									
Mojave Division									
Santa Ana Division									
West Branch									
Coastal Branch									
Total, California Aqueduct									
TOTAL, TRANSPORTATION FACILITIES									
East Branch Enlargement									
East Branch Extension									
Coastal Power Allocation									
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									
TOTAL THROUGH 2035									

Data Not Available

¹ Miscellaneous project receipts that are applied for accounting purposes to reduce the capital costs of the particular facilities.
² These allowances are included for planning the future financial program, but not for determining current water charges.
³ See Table B-8.
⁴ See Table B-9.
⁵ See Table B-13.
⁶ 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 ¹						
	1952-2018	2019	2020	2021	2022	2023	Total
	[1]	[2]	[3]	[4]	[5]	[6]	[7]
FEATHER RIVER AREA							
County of Butte	261,979	0	0	0	0	0	261,979
Plumas County Flood Control and Water Conservation District	8,723	0	0	0	0	0	8,723
Thermalito Irrigation District ²	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>
NORTH BAY AREA							
Napa County Flood Control and Water Conservation District	13,590	0	0	0	0	0	13,590
Solano County Water Agency	662,113	0	0	0	0	0	662,113
<i>Subtotal</i>	<i>675,703</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>675,703</i>
SOUTH BAY AREA							
Alameda County Flood Control and Water Conservation District, Zone 7	1,911,350	0	0	0	0	0	1,911,350
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 ²	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>0</i>	<i>0</i>	<i>3,642,137</i>
CENTRAL COASTAL AREA							
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>
SAN JOAQUIN VALLEY AREA							
County of Kings	126,017	30,893	0	0	0	0	156,910
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 ²	5,292	0	0	0	0	0	5,292
Kern County Water Agency	4,029,503	10,332	128,574	100,000	20,000	0	4,288,409
Oak Flat Water District	97,643	0	0	0	0	0	97,643
Santa Clarita Valley Water Agency ³	82,567	0	0	0	0	0	82,567
Tracy Golf and Country Club ²	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 ²	3,342	0	0	0	0	0	3,342
Del Puerto Water District ²	10,885	6,992	86,378	5,000	5,000	0	114,185
<i>Subtotal</i>	<i>4,991,192</i>	<i>48,147</i>	<i>214,952</i>	<i>105,000</i>	<i>25,000</i>	<i>0</i>	<i>5,384,291</i>
SOUTHERN CALIFORNIA AREA							
Antelope Valley-East Kern Water Agency	1,714,102	320,081	64,826	100,000	20,000	0	2,219,009
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	37,653	1,703	0	0	0	63,088
Mojave Water Agency	309,054	0	0	20,000	0	0	329,054
Palmdale Water District	34,173	0	0	0	0	0	34,173
San Bernardino Valley Municipal Water District	960,685	0	1,925	40,000	20,000	0	1,022,610
San Gabriel Valley Municipal Water District	131,052	0	0	0	0	0	131,052
San Geronio Pass Water Agency	174,619	73,814	14,757	5,000	5,000	0	273,190
Santa Clarita Valley Water Agency ³	375,593	0	0	0	0	0	375,593
The Metropolitan Water District of Southern California	4,817,610	0	0	5,000	60,000	0	4,882,610
Ventura County Watershed Protection District	79,699	0	0	0	0	0	79,699
<i>Subtotal</i>	<i>8,683,261</i>	<i>431,548</i>	<i>83,211</i>	<i>170,000</i>	<i>105,000</i>	<i>0</i>	<i>9,473,020</i>
TOTAL	18,432,000	479,695	298,163	275,000	130,000	0	19,614,858

¹ Approximate only, not to be construed as invoice amounts.² Not an SWP water supply contractor.³ 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)

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

¹ Overpayment or underpayment for each calendar year—column [1] minus column [2].² Interest rates shown are annual rates. Interest is credited daily at applicable rates on funds deposited in the State's Surplus Money Investment Fund.³ 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 unless otherwise indicated)

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]
THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA														
<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 ^{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 ^{See footnote 5.}													
								(1,532,433)					(10,104,646)	(11,637,079)
28J	3. Advance Payments Applied to Incremental Costs Amendment 5 ^{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 ^{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
SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT														
<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 ^{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
ANTELOPE VALLEY-EAST KERN WATER AGENCY														
<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 ^{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)

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

⁵ Interest for overpayments and underpayments under provisions of Amendment 2 of the contract.

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

⁷ Interest for overpayments and underpayments under provisions of Amendment 5 of the contract.

⁸ 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
1952	[1] 0	[2] 0	[3] 0	[4] 0	[5] 0	[6] 0	[7] 97	[8] 34	[9] 30	[10] 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	50,423	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	75,569	3,149	35,832	12,825	127,375	1,653,648	20,852	27,398	33,217
2020	0	411,565	7,425	144,659	175,321	738,970	1,381,607	78,765	246,885	93,332
2021	0	1,943,781	47,039	1,059,886	894,451	3,945,157	5,660,311	978,746	277,990	336,248
2022	0	1,786,112	81,642	2,409,822	649,877	4,927,452	10,629,482	2,923,964	229,050	779,221
2023	0	602,550	36,580	855,543	27,117	1,521,790	4,085,878	2,570,812	67,991	2,010,749
2024	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0	0	0
TOTAL	341,139	49,799,315	33,239,377	9,532,866	30,662,351	123,233,910	104,266,824	14,019,782	21,204,042	34,117,513

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 [11]	Reach 7 [12]	Reach 8 [13]	Reach 9 [14]	Total [15]	NORTH SAN JOAQUIN DIVISION			
						Reach 1 [16]	Reach 2A [17]	Reach 2B [18]	Subtotal [19]
1952	8	66	72	132	496	4,012	3,279	1,499	8,790
1953	38	327	336	640	2,425	10,559	8,589	3,964	23,112
1954	123	1,005	1,003	1,954	7,455	13,796	11,163	5,179	30,138
1955	160	1,293	1,149	2,454	9,500	7,370	5,952	2,760	16,082
1956	1,559	11,959	11,043	28,372	95,872	9,880	5,020	2,398	17,298
1957	3,659	28,675	27,385	563,114	729,065	11,953	5,456	2,612	20,021
1958	2,243	17,872	17,385	560,904	904,994	18,585	17,191	7,994	43,770
1959	357	3,200	3,568	149,874	843,718	123,170	100,306	45,510	268,986
1960	1,102	2,944	4,498	359,749	1,705,829	191,408	102,136	48,968	342,512
1961	4,726	18,325	22,765	(1,367)	3,880,575	153,765	195,947	42,843	392,555
1962	17,295	160,939	178,242	209,042	3,048,485	612,258	491,225	168,218	1,271,701
1963	265,414	1,250,386	939,832	129,902	5,626,310	1,993,284	1,525,734	684,095	4,203,113
1964	100,603	1,716,371	2,327,770	2,947,522	10,103,597	4,674,280	2,369,858	700,074	7,744,212
1965	42,345	368,476	637,266	1,921,844	4,464,145	5,877,189	6,873,699	2,975,719	15,726,607
1966	17,663	34,915	140,350	777,887	3,850,714	8,553,362	14,112,820	5,677,099	28,343,281
1967	(41,567)	137,856	147,183	379,764	5,070,861	9,678,607	10,672,113	6,646,739	26,997,459
1968	84,553	2,130	68,057	253,152	4,412,955	6,392,664	891,681	1,303,186	8,587,531
1969	4,279	11,572	162,300	32,000	1,575,529	3,542,767	792,259	443,924	4,778,950
1970	2,487	6,820	20,086	(15,718)	234,411	2,236,607	149,692	115,578	2,501,877
1971	4,350	6,923	17,750	39,084	122,687	98,138	215,512	69,410	383,060
1972	1,084	203	4,800	32,199	95,064	159,608	43,721	7,744	211,073
1973	288	989	7,449	9,693	65,621	105,581	25,496	22,418	153,495
1974	527	6,020	30,628	11,433	134,260	177,700	16,627	45,707	240,034
1975	126	679	1,086	3,464	71,991	239,144	14,680	169,676	423,500
1976	701	3,529	8,362	26,186	167,482	641,860	45,533	65,943	753,336
1977	270	1,310	24,938	8,651	234,239	274,381	20,283	317,232	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	583,316	2,542,869	257,330	200,072	3,000,271
1994	2,897	4,781	5,346	89,991	319,255	1,145,666	148,396	88,357	1,382,419
1995	11,556	3,635	14,769	24,750	432,602	1,462,211	217,940	131,995	1,812,146
1996	3,092	2,271	2,699	12,522	209,634	874,227	74,153	41,215	989,595
1997	1,454	4,141	3,655	20,589	318,342	2,064,446	146,851	84,303	2,295,600
1998	363	1,134	(6,005)	5,776	94,709	729,475	33,695	16,670	779,840
1999	1,533	3,304	12,727	31,634	296,751	2,208,776	88,951	90,639	2,388,366
2000	2,406	4,944	5,331	10,755	183,575	(706,517)	57,503	40,185	(608,829)
2001	91,721	68,849	404,226	1,190,653	2,319,521	371,407	91,792	8,926	472,124
2002	229,409	453,259	1,107,580	2,977,939	8,236,039	833,187	44,543	22,639	900,369
2003	67,216	509,964	477,926	1,409,228	7,689,872	228,767	22,779	13,565	265,112
2004	3,193	3,100	39,326	3,276,907	4,931,451	892,456	15,333	77,640	985,430
2005	5,341	5,271	4,848	731,512	2,351,567	294,112	40,135	98,505	432,751
2006	1,286	1,342	1,352	15,393	1,582,447	422,511	15,048	177,980	615,539
2007	7,470	7,471	7,471	10,731	3,527,304	490,384	58,152	121,987	670,522
2008	8,415	8,730	8,932	12,419	6,497,439	1,202,812	39,742	85,604	1,328,158
2009	3,042	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	4,027,999
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	9,889	10,432	9,580	549,064	2,314,080	5,570,312	544,820	235,757	6,350,889
2020	59,361	60,355	58,845	283,021	2,262,171	11,889,761	678,844	416,992	12,985,597
2021	70,508	73,448	69,720	829,209	8,296,180	16,819,375	1,743,090	288,020	18,850,485
2022	37,882	41,833	37,349	277,457	14,956,238	19,750,988	1,662,717	255,953	21,669,658
2023	9,013	10,713	8,828	36,871	8,800,855	11,246,678	1,404,350	93,844	12,744,872
2024	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0	0
TOTAL	1,491,310	5,569,953	7,772,751	22,716,236	211,158,412	214,859,338	56,653,169	36,354,833	307,867,339

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
1952	[40] 9,703	[41] 4,072	[42] 13,775	[43] 4,090	[44] 1,520	[45] 0	[46] 2,561	[47] 892	[48] 5,788	[49] 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	17,393	7,504
2019	3,202,390	2,407,175	5,609,565	241,282	26,578	0	32,987	11,660	12,856	8,552
2020	4,610,001	1,122,274	5,732,274	225,685	142,348	0	178,564	144,457	118,610	81,594
2021	7,755,965	87,412	7,843,377	1,494,811	352,652	0	401,015	418,352	370,882	172,712
2022	10,208,251	67,033	10,275,285	502,083	234,786	0	243,081	314,822	225,557	136,076
2023	18,031,642	118,119	18,149,761	317,168	147,238	0	126,890	249,568	136,351	111,139
2024	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0	0	0
TOTAL	356,981,609	58,819,982	415,801,591	56,794,061	25,488,295	759,941	22,534,719	19,755,376	10,471,898	13,717,682

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

Sheet 8 of 8

Calendar Year	CALIFORNIA AQUEDUCT (continued)						GRAND TOTAL
	COASTAL BRANCH (continued)					Total	
	Reach 34	Reach 35	Reach 37	Reach 38	Subtotal		
1952	[70] 0	[71] 0	[72] 0	[73] 0	[74] 0	[75] 98,857	[76] 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	34,951,859	35,309,231
2015	1,286	0	0	0	2,091,000	52,194,104	55,555,029
2016	2,899	0	0	0	2,114,775	79,394,112	80,523,292
2017	2,412	0	0	0	2,194,321	47,632,026	48,368,101
2018	242	0	0	0	2,281,723	52,754,111	55,877,008
2019	183	0	0	0	1,952,232	52,775,022	55,216,477
2020	0	0	0	0	3,388,747	81,147,800	84,148,941
2021	0	0	0	0	6,209,438	121,275,867	133,517,203
2022	270	0	0	0	4,835,167	126,519,704	146,403,394
2023	3,557	0	0	0	11,847,447	163,743,158	174,065,804
2024	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0
TOTAL	81,153,079	50,100,223	16,067,297	16,612,628	534,233,045	3,454,295,245	3,789,028,706

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	1,262,384	2,164,688	163,481	320,734	497,038
1990	788	556,610	244,897	123,144	427,257	1,351,908	2,233,036	251,434	355,022	571,415
1991	3,654	651,307	302,327	205,516	428,470	1,587,620	1,806,699	152,509	95,745	93,986
1992	647	443,912	189,330	265,462	280,505	1,179,209	2,064,907	405,932	409,435	363,964
1993	3,630	435,240	294,416	213,267	289,206	1,232,129	3,925,050	621,712	480,832	399,558
1994	2,279	430,112	198,322	206,594	365,646	1,200,674	4,673,275	302,115	404,709	408,066
1995	2,906	428,313	282,898	151,703	295,326	1,158,240	3,849,620	316,905	566,447	330,706
1996	8,007	796,526	272,743	240,106	260,001	1,569,376	3,526,989	254,075	664,485	493,300
1997	7,449	504,476	210,763	213,211	315,374	1,243,824	3,010,809	189,269	591,540	230,371
1998	798	404,834	227,562	204,821	251,154	1,088,371	2,965,219	426,872	532,042	303,263
1999	416	669,423	327,111	296,607	286,741	1,579,881	3,702,046	472,805	429,092	446,226
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	232,503	467,676	275,805	2,057,230	5,023,798	691,586	588,725	790,472
2008	3,578	823,548	217,788	526,410	602,717	2,170,463	5,217,268	679,696	744,219	926,968
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	715	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)	2,614,255	143,191	1,452,289	1,125,656	5,335,391	5,308,707	1,113,972	749,828	832,618
2013	277	3,328,419	133,835	476,853	371,961	4,311,068	6,182,473	1,217,983	685,049	1,105,534
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	400,933	694,828	833,146	4,510,125	7,287,599	1,196,792	1,692,132	1,271,915
2018	47,578	3,478,925	244,348	947,546	1,459,909	6,130,728	11,374,669	1,207,500	715,004	1,804,924
2019	11,998	2,879,611	1,085,779	344,443	983,894	5,293,728	8,575,878	1,817,769	803,829	2,191,219
2020	209	3,644,747	170,362	989,093	2,610,687	7,414,889	10,126,536	1,283,005	695,267	1,761,319
2021	17,052	4,946,184	772,662	983,170	2,518,386	9,220,402	13,922,193	1,515,371	808,714	2,166,549
2022	13,886	4,370,222	594,060	894,189	2,140,904	7,999,375	10,479,004	1,613,266	799,404	2,058,778
2023	13,908	3,610,878	588,995	753,284	1,758,620	6,711,777	9,614,136	1,867,043	784,360	1,983,049
2024	15,098	4,352,186	658,425	885,650	2,160,696	8,056,957	11,451,828	1,681,879	805,468	2,090,153
2025	15,249	4,395,708	665,009	894,506	2,182,303	8,137,526	11,566,347	1,698,698	813,523	2,111,054
2026	15,402	4,439,665	671,659	903,451	2,204,126	8,218,901	11,682,010	1,715,685	821,568	2,132,165
2027	15,556	4,484,062	678,376	912,486	2,226,167	8,301,091	11,798,830	1,732,842	829,874	2,153,486
2028	15,712	4,528,902	685,160	921,611	2,248,429	8,384,102	11,916,819	1,750,170	838,173	2,175,021
2029	15,869	4,574,191	692,011	930,827	2,270,913	8,467,942	12,035,987	1,767,672	846,555	2,196,771
2030	16,027	4,619,933	698,931	940,135	2,293,622	8,552,621	12,156,347	1,785,349	855,020	2,218,739
2031	16,188	4,666,132	705,921	949,536	2,316,559	8,638,148	12,277,910	1,803,202	863,571	2,240,926
2032	16,350	4,712,794	712,980	959,032	2,339,724	8,724,530	12,400,689	1,821,234	872,206	2,263,336
2033	16,513	4,759,922	720,110	968,622	2,363,121	8,811,775	12,524,696	1,839,447	880,928	2,285,969
2034	16,678	4,807,521	727,311	978,308	2,386,753	8,899,893	12,649,943	1,857,841	889,738	2,308,829
2035	16,845	4,855,596	734,584	988,091	2,410,620	8,988,891	12,776,443	1,876,419	898,635	2,331,917
TOTAL	383,124	121,521,043	20,027,407	31,718,226	54,946,069	228,212,745	353,559,994	48,142,941	36,369,036	60,384,353

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

Sheet 2 of 9

Calendar Year	SOUTH BAY AQUEDUCT (continued)					CALIFORNIA AQUEDUCT			
						NORTH SAN JOAQUIN DIVISION			
	Reach 6	Reach 7	Reach 8	Reach 9	Total	Reach 1	Reach 2A	Reach 2B	Subtotal
[11]	[12]	[13]	[14]	[15]	[16]	[17]	[18]	[19]	
1961	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	42,918	0	0	0	0
1963	0	0	0	0	168,358	0	0	0	0
1964	0	0	0	0	184,729	0	0	0	0
1965	2,634	6,490	4,704	12,904	378,874	0	0	0	0
1966	4,707	10,328	9,233	25,519	408,397	0	0	0	0
1967	2,712	7,659	10,812	34,347	634,505	0	0	0	0
1968	3,109	7,960	10,166	40,372	584,482	1,001,998	228,359	103,116	1,333,473
1969	3,944	5,975	8,795	38,566	669,346	933,116	301,596	188,194	1,422,906
1970	2,464	(1,991)	6,870	28,210	598,348	971,602	306,198	151,539	1,429,339
1971	3,116	9,394	9,895	31,068	526,068	1,103,021	254,786	113,694	1,471,501
1972	5,125	10,247	12,054	44,699	607,578	1,107,855	230,906	110,109	1,448,870
1973	4,178	7,500	4,890	43,816	570,551	1,150,864	221,445	100,221	1,472,530
1974	7,812	7,564	48,054	48,523	727,158	1,272,034	231,383	117,156	1,620,573
1975	18,120	14,683	18,325	68,377	908,648	1,434,736	455,110	201,075	2,090,921
1976	10,873	5,557	19,920	49,921	963,429	1,519,801	217,348	453,400	2,190,549
1977	(240)	2,228	8,391	89,579	866,312	1,913,643	292,380	196,564	2,402,587
1978	(1,404)	16,766	(5,313)	104,078	1,137,690	1,860,456	306,503	188,214	2,355,173
1979	1,269	29,294	7,351	106,835	1,176,630	1,848,109	231,339	145,205	2,224,653
1980	3,621	24,270	17,404	110,852	1,850,865	2,365,292	472,660	247,608	3,085,560
1981	4,038	20,109	17,586	98,143	1,526,655	2,649,730	435,226	154,191	3,239,147
1982	2,236	22,870	21,919	202,590	1,893,405	3,192,710	599,793	244,664	4,037,167
1983	(2,047)	48,781	45,573	216,434	2,177,375	4,244,937	802,908	273,081	5,320,926
1984	4,449	44,017	23,563	455,054	3,014,669	4,373,157	808,917	290,728	5,472,802
1985	13,097	74,565	57,920	238,067	3,310,486	4,717,323	629,825	189,199	5,536,347
1986	11,614	31,084	46,864	363,350	3,037,861	5,217,491	929,919	359,365	6,506,775
1987	15,273	25,182	37,949	416,375	3,461,081	5,292,200	958,927	362,065	6,613,192
1988	30,207	41,047	49,156	335,408	3,380,894	5,329,317	822,300	360,336	6,511,953
1989	9,740	54,881	114,203	179,323	3,504,088	5,753,966	851,745	907,609	7,513,320
1990	31,161	69,416	119,309	247,781	3,878,574	6,788,986	1,066,314	883,822	8,739,122
1991	22,434	(18,690)	99,577	262,052	2,514,312	6,796,247	1,067,078	585,008	8,448,333
1992	26,787	332,012	98,670	186,640	3,888,347	9,415,121	1,419,603	673,833	11,508,557
1993	24,845	181,592	94,169	316,045	6,043,803	10,274,070	1,371,074	900,996	12,546,140
1994	28,383	90,791	80,942	416,061	6,404,342	8,451,199	1,325,511	802,217	10,578,927
1995	29,298	64,012	80,278	373,657	5,610,923	10,406,784	2,386,507	959,685	13,752,976
1996	(1,020)	60,610	11,672	312,097	5,322,208	10,246,985	2,604,651	628,177	13,479,813
1997	18,428	95,321	15,691	335,566	4,486,995	10,429,338	1,098,381	2,084,859	13,612,578
1998	26,323	54,255	611,290	658,090	5,577,354	11,409,135	1,449,411	5,364,368	18,222,914
1999	49,763	34,831	426,698	2,030,610	7,592,069	11,449,859	1,394,537	1,309,732	14,154,128
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	97,783	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	1,254,192	16,920,703
2007	78,627	115,099	67,469	242,249	7,598,024	11,991,012	1,702,726	627,244	14,320,982
2008	171,735	156,674	233,875	235,693	8,366,128	15,564,449	1,454,049	808,773	17,827,271
2009	84,717	141,922	114,597	619,772	7,758,568	13,696,235	1,067,699	864,355	15,628,290
2010	52,326	572,894	23,825	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	56,148	133,311	61,978	2,498,771	10,755,333	15,617,953	1,324,201	1,309,176	18,251,330
2013	82,458	175,233	98,865	1,184,319	10,731,915	16,731,989	1,743,019	2,419,102	20,894,111
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	16,734,900	24,513,144	847,000	879,264	26,239,408
2018	78,551	174,566	70,231	3,213,225	18,638,672	27,154,771	1,126,901	2,099,898	30,381,571
2019	84,786	326,518	21,082	1,023,538	14,844,621	29,464,949	1,979,287	1,969,438	33,413,675
2020	69,896	133,157	124,964	945,825	15,139,970	31,801,616	1,866,044	1,718,696	35,386,356
2021	86,799	237,904	69,518	1,282,036	20,089,084	31,645,174	2,059,081	2,270,293	35,974,548
2022	86,425	237,448	69,517	1,277,129	16,620,971	30,502,314	1,945,785	2,185,205	34,633,304
2023	84,755	232,884	68,282	1,252,455	15,886,964	31,066,639	1,920,885	2,157,685	35,145,209
2024	86,853	238,440	69,796	1,283,245	17,707,662	31,382,090	1,995,003	2,226,438	35,603,531
2025	87,721	240,824	70,494	1,296,078	17,884,739	31,695,911	2,014,953	2,248,702	35,959,566
2026	88,599	243,232	71,199	1,309,039	18,063,587	32,012,870	2,035,102	2,271,189	36,319,161
2027	89,485	245,665	71,911	1,322,129	18,244,222	32,332,998	2,055,453	2,293,901	36,682,352
2028	90,380	248,121	72,630	1,335,350	18,426,664	32,656,328	2,076,008	2,316,840	37,049,176
2029	91,283	250,603	73,356	1,348,704	18,610,931	32,982,892	2,096,768	2,340,009	37,419,669
2030	92,196	253,109	74,090	1,362,191	18,797,041	33,312,721	2,117,735	2,363,409	37,793,865
2031	93,118	255,640	74,831	1,375,813	18,985,011	33,645,848	2,138,913	2,387,043	38,171,804
2032	94,049	258,196	75,579	1,389,571	19,174,860	33,982,306	2,160,302	2,410,913	38,553,521
2033	94,990	260,778	76,335	1,403,467	19,366,610	34,322,129	2,181,905	2,435,022	38,939,056
2034	95,940	263,386	77,098	1,417,501	19,560,276	34,665,351	2,203,724	2,459,373	39,328,448
2035	96,899	266,020	77,869	1,431,676	19,755,878	35,012,004	2,225,761	2,483,966	39,721,731
TOTAL	4,069,843	9,091,255	6,134,743	65,067,039	582,819,205	1,036,133,363	91,963,681	81,742,936	1,209,839,979

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	2,143,788	4,778,349	49,448	383,476	223,078	308,801
1984	241,273	2,233,969	335,166	163,858	2,111,386	5,085,652	42,062	458,489	300,924	396,448
1985	322,068	2,882,583	360,431	176,577	1,603,532	5,345,191	58,820	495,500	213,368	298,337
1986	416,027	2,996,792	472,551	252,188	601,250	4,738,808	90,730	478,786	596,800	422,493
1987	362,738	3,104,592	424,107	236,349	439,232	4,567,018	113,962	412,042	446,067	488,226
1988	365,209	2,954,186	456,864	231,754	639,242	4,647,255	96,728	379,073	417,991	532,489
1989	263,171	3,182,472	393,589	332,986	633,419	4,805,637	83,282	389,698	400,853	733,030
1990	397,353	4,011,110	579,073	464,639	729,132	6,181,307	111,019	436,849	515,611	651,465
1991	256,473	4,388,184	543,760	728,156	765,765	6,682,338	104,414	496,794	465,940	716,328
1992	302,021	3,792,401	795,587	363,134	815,590	6,068,733	118,315	511,982	417,871	574,145
1993	439,725	4,337,616	1,008,394	551,849	734,796	7,072,380	230,338	745,885	490,159	723,450
1994	282,579	4,376,461	816,129	396,768	492,860	6,364,797	125,398	602,404	572,557	703,493
1995	107,995	5,026,076	1,066,971	440,006	1,356,668	7,997,716	185,681	657,282	432,072	881,902
1996	1,003,229	4,738,221	931,944	683,323	1,034,376	8,391,093	112,062	416,294	472,350	984,784
1997	859,665	5,761,996	924,289	254,934	646,209	8,447,093	128,190	449,316	728,436	1,864,113
1998	690,845	5,520,206	1,242,589	534,931	654,538	8,643,109	115,748	457,845	429,433	1,011,284
1999	580,648	5,679,663	1,208,499	527,963	664,564	8,661,336	104,994	406,555	419,492	1,136,477
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	62,400	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	1,137,787	7,698,226	1,963,762	688,185	935,892	12,423,852	242,814	856,923	536,527	633,896
2008	896,827	10,652,441	2,157,579	666,261	973,735	15,346,844	72,296	458,402	663,120	950,208
2009	971,092	8,137,795	1,233,553	511,335	1,151,133	12,004,910	36,810	769,896	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	1,675,157	10,874,790	2,402,630	638,287	1,233,508	16,824,372	36,210	662,294	807,974	814,839
2013	1,833,556	11,575,007	2,886,847	1,357,036	3,282,440	20,934,887	39,520	614,462	611,789	1,014,940
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	987,538	9,495,335	1,942,689	735,607	2,532,560	15,693,729	34,429	478,207	359,032	1,147,541
2018	875,781	10,679,201	2,467,736	804,117	2,386,655	17,213,489	196,282	452,435	329,144	485,905
2019	1,648,005	11,652,739	2,402,285	794,906	1,887,715	18,385,650	69,331	910,869	883,591	1,671,754
2020	1,794,892	13,831,052	2,736,542	948,143	3,268,483	22,579,112	126,195	1,954,396	1,187,549	1,934,628
2021	2,083,596	12,629,637	2,781,100	950,214	2,930,238	21,374,785	160,292	1,560,596	980,672	1,712,046
2022	2,100,293	13,407,309	2,693,433	930,029	2,754,293	21,885,357	149,874	1,442,814	898,286	1,582,494
2023	2,063,123	12,574,809	2,686,116	927,380	2,748,163	20,999,591	147,183	1,417,244	882,707	1,554,523
2024	2,103,160	12,999,291	2,747,418	945,234	2,839,007	21,634,110	153,975	1,488,287	929,761	1,632,519
2025	2,124,192	13,129,284	2,774,892	954,686	2,867,397	21,850,451	155,514	1,503,169	939,058	1,648,844
2026	2,145,434	13,260,577	2,802,641	964,233	2,896,071	22,068,956	157,069	1,518,201	948,449	1,665,332
2027	2,166,888	13,393,182	2,830,668	973,875	2,925,032	22,289,645	158,640	1,533,383	957,933	1,681,985
2028	2,188,557	13,527,114	2,858,974	983,614	2,954,282	22,512,541	160,226	1,548,717	967,513	1,698,805
2029	2,210,443	13,662,385	2,887,564	993,450	2,983,825	22,737,667	161,829	1,564,204	977,188	1,715,793
2030	2,232,547	13,799,009	2,916,440	1,003,385	3,013,663	22,965,044	163,447	1,579,846	986,960	1,732,951
2031	2,254,873	13,936,999	2,945,604	1,013,419	3,043,800	23,194,695	165,082	1,595,645	996,829	1,750,281
2032	2,277,421	14,076,369	2,975,060	1,023,553	3,074,238	23,426,641	166,732	1,611,601	1,006,797	1,767,784
2033	2,300,196	14,217,133	3,004,811	1,033,788	3,104,980	23,660,908	168,400	1,627,717	1,016,865	1,785,461
2034	2,323,197	14,359,304	3,034,859	1,044,126	3,136,030	23,897,516	170,084	1,643,994	1,027,034	1,803,316
2035	2,346,429	14,502,897	3,065,207	1,054,567	3,167,390	24,136,490	171,784	1,660,434	1,037,304	1,821,349
TOTAL	63,631,894	473,148,334	95,892,124	35,958,777	97,148,385	765,779,514	6,377,456	48,402,492	35,691,452	62,238,524

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	380,476	181,358	405,991	514,188	5,033,413	344,801	226,819	4,776,199	8,722,855	22,653,618
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	258,934	292,954	552,476	552,021	6,687,507	(435,480)	(343,687)	10,918,265	8,494,376	29,247,524
2008	429,574	238,467	425,884	726,437	11,116,200	(265,027)	(205,911)	13,038,644	10,922,368	38,570,663
2009	413,944	212,072	623,256	551,958	7,838,367	591,237	(46,849)	8,761,973	13,345,514	34,509,771
2010	446,496	116,204	423,672	703,628	8,870,528	(150,521)	(50,268)	6,648,718	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	794,416	280,546	1,049,510	3,227,879	11,223,874	395,959	451,771	8,837,126	12,819,958	41,402,356
2013	484,292	454,595	901,720	827,946	11,798,746	278,756	166,476	9,552,847	14,513,582	41,259,669
2014	113,763	75,439	559,825	333,788	15,049,168	333,788	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	606,345	62,554	939,531	597,616	7,970,150	(124,605)	631,121	10,866,639	16,074,008	39,642,569
2018	395,356	329,686	1,590,157	1,088,137	13,678,963	29,121	247,364	10,032,645	17,237,554	46,092,750
2019	649,523	760,348	966,133	1,125,059	17,036,319	75,101	(49,695)	12,336,237	20,965,136	57,399,706
2020	1,075,145	589,434	790,415	650,225	14,470,417	402,821	357,475	12,440,548	19,527,606	55,506,853
2021	854,321	682,942	1,323,239	1,103,163	18,462,581	513,032	431,584	12,627,679	22,535,305	62,947,452
2022	788,896	618,206	1,229,670	1,018,651	18,797,227	463,543	392,158	12,808,742	19,026,536	59,217,097
2023	775,231	608,035	1,207,614	1,000,755	17,741,026	456,221	385,825	12,485,723	17,536,389	56,198,476
2024	814,210	642,759	1,266,043	1,051,266	18,516,947	482,375	407,221	12,767,122	19,896,404	60,048,889
2025	822,353	649,187	1,278,704	1,061,778	18,702,117	487,199	411,293	12,894,793	20,095,368	60,649,377
2026	830,576	655,678	1,291,491	1,072,396	18,889,138	492,071	415,406	13,023,741	20,296,322	61,255,870
2027	838,882	662,235	1,304,405	1,083,120	19,078,029	496,991	419,560	13,153,979	20,499,285	61,868,427
2028	847,271	668,858	1,317,450	1,093,951	19,268,809	501,961	423,756	13,285,519	20,704,278	62,487,114
2029	855,743	675,546	1,330,624	1,104,891	19,461,498	506,981	427,993	13,418,374	20,911,321	63,111,985
2030	864,301	682,302	1,343,930	1,115,940	19,656,112	512,051	432,273	13,552,557	21,120,434	63,743,104
2031	872,944	689,125	1,357,370	1,127,099	19,852,674	517,171	436,596	13,688,083	21,331,638	64,380,537
2032	881,673	696,016	1,370,943	1,138,370	20,051,200	522,343	440,962	13,824,964	21,544,955	65,024,340
2033	890,490	702,976	1,384,653	1,149,754	20,251,712	527,566	445,371	13,963,213	21,760,404	65,674,582
2034	899,395	710,006	1,398,499	1,161,251	20,454,229	532,842	449,825	14,102,846	21,978,008	66,331,329
2035	908,389	717,106	1,412,484	1,172,864	20,658,772	538,171	454,323	14,243,874	22,197,788	66,994,642
TOTAL	29,100,362	21,071,297	45,521,638	43,770,161	571,624,762	16,376,646	13,735,728	473,434,189	744,170,879	2,111,515,585

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	226,906	180,884	112,589	98,757	86,279	
1978	2,954,313	42,637	2,996,950	91,815	200,759	215,673	120,584	109,271	71,763	
1979	3,539,402	45,997	3,585,399	99,670	307,386	261,205	194,104	203,078	121,586	
1980	4,749,245	54,806	4,804,051	116,487	446,175	290,719	237,250	156,794	117,274	
1981	5,485,957	64,886	5,550,843	316,590	585,003	325,112	292,081	181,062	119,602	
1982	6,349,080	55,997	6,405,077	447,739	638,615	275,763	330,502	186,109	125,429	
1983	14,153,033	96,397	14,249,430	345,229	564,698	368,139	326,767	219,943	140,523	
1984	18,448,383	77,201	18,525,584	267,497	563,588	413,443	329,933	266,919	146,866	
1985	18,134,698	137,928	18,272,626	298,932	475,028	450,444	388,327	799,514	125,780	
1986	19,297,129	109,938	19,407,067	703,413	350,906	347,690	315,566	242,158	178,847	
1987	17,398,908	98,355	17,497,263	1,261,056	558,996	818,475	357,971	298,190	236,263	
1988	17,697,838	138,405	17,836,243	1,242,139	560,911	585,014	400,005	331,099	149,876	
1989	17,641,151	88,488	17,729,639	1,049,615	283,065	366,590	345,614	194,047	138,825	
1990	19,995,760	99,868	20,095,628	1,298,537	229,083	469,502	202,412	273,748	49,174	
1991	19,903,346	131,558	20,034,904	1,432,360	665,443	1,025,089	516,257	478,555	231,223	
1992	18,194,788	279,610	18,474,398	1,167,898	738,238	666,181	696,623	585,072	168,251	
1993	19,051,939	199,640	19,251,579	1,868,745	606,763	1,232,409	818,675	509,309	207,818	
1994	17,354,702	204,963	17,559,665	1,699,479	763,493	1,145,700	957,350	873,215	241,679	
1995	19,360,033	191,516	19,551,549	1,284,146	614,314	1,941,939	2,411,412	355,198	179,930	
1996	19,041,451	237,846	19,279,297	1,163,708	576,674	1,335,804	1,713,145	790,618	136,397	
1997	19,724,881	176,120	19,901,001	1,330,450	730,628	1,401,562	2,043,179	640,177	189,241	
1998	23,227,152	182,754	23,409,906	1,513,656	309,052	7,568,901	508,030	297,621	115,100	
1999	19,705,431	154,779	19,860,211	3,109,479	654,678	5,334,349	1,607,475	1,356,848	166,142	
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	1,838,031	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	346,280	16,239,977	5,904,482	1,632,121	1,798,303	1,823,995	830,889	655,511	
2008	23,010,813	319,939	23,330,752	2,269,337	1,372,737	1,261,361	829,163	500,069	709,390	
2009	22,756,256	156,856	22,913,112	2,555,951	1,547,074	1,347,674	1,173,040	781,266	540,952	
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	21,030,790	219,026	21,249,816	5,060,551	1,461,264	1,600,996	2,700,934	1,804,822	651,966	
2013	33,824,190	263,214	34,087,404	5,815,609	1,658,322	1,288,456	3,042,774	1,397,322	528,733	
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	26,784,206	157,723	26,941,929	4,208,191	2,636,520	1,575,763	1,263,762	714,442	386,025	
2018	23,825,377	280,999	24,106,376	5,192,782	2,674,621	2,419,149	1,534,356	930,242	539,161	
2019	26,832,739	1,132,743	27,965,482	5,672,178	333,572	1,918,824	272,317	530,738	67,779	
2020	28,034,057	1,170,743	29,204,799	4,920,688	625,431	221,753	198,197	290,535	252,366	
2021	30,206,297	1,035,896	31,242,193	6,601,045	2,344,376	2,363,779	1,471,052	1,080,538	653,766	
2022	33,204,355	1,009,075	34,213,430	6,876,246	2,249,961	2,334,243	1,409,597	1,054,677	625,811	
2023	32,322,712	996,713	33,319,425	6,780,289	2,231,595	2,309,534	1,398,552	1,044,708	620,815	
2024	32,230,232	1,024,034	33,254,266	6,820,052	2,298,064	2,359,211	1,440,664	1,070,574	639,799	
2025	32,552,535	1,034,274	33,586,809	6,888,253	2,321,045	2,382,803	1,455,071	1,081,279	646,197	
2026	32,878,060	1,044,617	33,922,677	6,957,135	2,344,255	2,406,631	1,469,621	1,092,092	652,659	
2027	33,206,840	1,055,063	34,261,903	7,026,707	2,367,698	2,430,697	1,484,318	1,103,013	659,185	
2028	33,538,909	1,065,614	34,604,523	7,096,974	2,391,375	2,455,004	1,499,161	1,114,043	665,779	
2029	33,874,298	1,076,270	34,950,568	7,167,943	2,415,288	2,479,554	1,514,152	1,125,184	672,435	
2030	34,213,041	1,087,033	35,300,074	7,239,623	2,439,441	2,504,350	1,529,294	1,136,436	679,159	
2031	34,555,171	1,097,903	35,653,074	7,312,019	2,463,836	2,529,393	1,544,587	1,147,800	685,951	
2032	34,900,723	1,108,882	36,009,605	7,385,139	2,488,474	2,554,687	1,560,033	1,159,278	692,810	
2033	35,249,730	1,119,971	36,369,701	7,458,991	2,513,359	2,580,234	1,575,633	1,170,871	699,738	
2034	35,602,228	1,131,171	36,733,399	7,533,581	2,538,492	2,606,036	1,591,389	1,182,579	706,736	
2035	35,958,250	1,142,482	37,100,732	7,608,916	2,563,877	2,632,097	1,607,303	1,194,405	713,803	
TOTAL	1,354,653,487	27,820,330	1,382,473,817	208,205,507	81,577,648	97,405,653	69,260,386	46,296,424	24,364,877	

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)									
	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	19,415,590	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	9,532,127	2,027,488	1,131,534	24,920,121	189,880	5,968,108	493,503	1,964,144	906,587	9,522,223
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	10,023,850	2,957,603	650,825	26,277,579	227,833	8,078,905	823,731	705,613	3,281,231	13,117,313
2008	14,689,100	2,414,813	1,009,057	25,055,025	307,375	6,667,077	808,869	780,204	4,570,082	13,133,607
2009	12,250,583	3,494,124	1,519,962	25,210,626	509,167	7,248,564	629,994	681,317	2,770,724	11,839,765
2010	12,897,810	3,226,278	2,497,248	29,410,322	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	13,585,956	2,845,293	4,691,805	34,403,587	244,672	6,415,031	1,708,432	546,617	3,967,633	12,882,385
2013	14,565,541	3,500,863	3,602,236	35,399,857	439,183	7,913,895	857,878	733,766	2,328,911	12,273,633
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	17,487,723	5,243,683	4,845,533	38,361,641	561,211	9,353,093	1,439,013	648,730	(4,384,317)	7,617,730
2018	13,440,161	6,264,225	5,661,154	38,655,851	305,420	12,218,471	1,084,716	925,738	8,782,502	23,316,847
2019	17,774,885	6,706,463	2,589,812	35,866,568	558,935	10,853,557	2,689,631	1,637,937	2,287,843	18,027,902
2020	18,932,484	8,177,754	5,247,572	38,866,779	1,171,782	13,600,404	1,917,120	1,760,893	7,154,941	25,605,140
2021	21,041,120	8,231,474	5,247,567	49,034,717	499,790	15,663,025	1,896,273	1,137,505	6,098,060	25,294,653
2022	19,989,791	8,582,840	5,328,338	48,451,504	496,990	15,326,769	1,981,232	1,135,794	5,601,513	24,542,298
2023	19,867,447	8,461,899	5,145,287	47,860,126	690,491	15,120,856	1,939,355	1,121,403	5,582,520	24,454,625
2024	20,502,448	8,509,658	5,292,801	48,933,271	568,048	15,523,919	1,958,343	1,142,883	5,818,305	25,011,498
2025	20,707,472	8,594,755	5,345,729	49,422,604	573,729	15,679,158	1,977,926	1,154,311	5,876,488	25,261,612
2026	20,914,547	8,680,702	5,399,186	49,916,828	579,466	15,835,950	1,997,705	1,165,855	5,935,253	25,514,229
2027	21,123,692	8,767,509	5,453,178	50,415,997	585,261	15,994,309	2,017,682	1,177,513	5,994,605	25,769,370
2028	21,334,929	8,855,184	5,507,710	50,920,157	591,113	16,154,253	2,037,859	1,189,288	6,054,551	26,027,064
2029	21,548,278	8,943,736	5,562,787	51,429,357	597,024	16,315,795	2,058,238	1,201,181	6,115,097	26,287,335
2030	21,763,761	9,033,173	5,618,415	51,943,652	602,995	16,478,953	2,078,820	1,213,193	6,176,248	26,550,209
2031	21,981,399	9,123,505	5,674,599	52,463,089	609,025	16,643,743	2,099,608	1,225,325	6,238,010	26,815,711
2032	22,201,213	9,214,740	5,731,345	52,987,719	615,115	16,810,180	2,120,604	1,237,578	6,300,391	27,083,868
2033	22,423,225	9,306,888	5,788,658	53,517,597	621,266	16,978,282	2,141,810	1,249,954	6,363,394	27,354,706
2034	22,647,457	9,399,957	5,846,545	54,052,772	627,479	17,148,065	2,163,228	1,262,453	6,427,028	27,628,253
2035	22,873,932	9,493,956	5,905,011	54,593,300	633,753	17,319,545	2,184,861	1,275,078	6,491,299	27,904,536
TOTAL	748,712,459	222,581,495	157,245,181	1,655,649,630	19,654,710	476,026,731	64,167,387	48,334,945	186,091,287	794,275,060

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	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	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	9,281	658,433	5,083	125,317	0	616,360	0	58,543	0	0
2008	77,266	29,070	854,241	1,330	208,975	0	1,320,481	0	93,096	0	0
2009	79,970	11,317	1,005,220	919	230,886	0	1,015,588	0	24,880	0	0
2010	53,052	5,434	808,475	15,658	261,397	0	1,261,486	0	9,349	0	0
2011	21,407	5,124	700,813	4,440	117,224	0	1,102,193	0	10,973	0	0
2012	5,707	15,511	750,295	15,694	171,113	0	1,604,996	0	26,651	0	0
2013	1,121	5,212	627,537	171,472	293,202	0	1,629,788	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	7,914	13,652	828,031	41,324	24,139	920,099	3,806,696	327,211	12,211	0	5,311
2019	266	9,641	745,731	112,851	79,251	2,801,825	3,606,438	1,556,093	39,089	0	46,699
2020	204	44,053	723,534	2,633	7,448	3,329,544	2,072,479	1,410,633	117,500	204	6,680
2021	3,536	23,810	831,136	66,753	42,425	3,965,201	3,843,321	1,344,919	61,205	324	24,892
2022	3,591	24,491	845,880	68,815	41,642	3,607,265	4,027,262	1,032,024	63,096	273	25,617
2023	3,455	23,507	826,749	66,026	40,300	3,524,686	3,819,461	900,645	60,539	272	24,586
2024	3,563	24,175	842,934	67,870	41,871	3,736,042	3,935,648	1,103,454	62,229	293	25,281
2025	3,599	24,417	851,363	68,549	42,289	3,773,402	3,975,004	1,114,489	62,851	296	25,534
2026	3,635	24,661	859,877	69,234	42,712	3,811,136	4,014,754	1,125,634	63,480	299	25,789
2027	3,671	24,908	868,476	69,927	43,139	3,849,247	4,054,902	1,136,890	64,115	302	26,047
2028	3,708	25,157	877,160	70,626	43,571	3,887,740	4,095,451	1,148,259	64,756	305	26,308
2029	3,745	25,409	885,932	71,332	44,006	3,926,617	4,136,405	1,159,742	65,403	308	26,571
2030	3,782	25,663	894,791	72,045	44,446	3,965,883	4,177,769	1,171,339	66,057	311	26,837
2031	3,820	25,919	903,739	72,766	44,891	4,005,542	4,219,547	1,183,052	66,718	314	27,105
2032	3,859	26,178	912,777	73,493	45,340	4,045,598	4,261,743	1,194,883	67,385	317	27,376
2033	3,897	26,440	921,904	74,228	45,793	4,086,054	4,304,360	1,206,832	68,059	320	27,650
2034	3,936	26,705	931,123	74,971	46,251	4,126,914	4,347,404	1,218,900	68,740	324	27,926
2035	3,975	26,972	940,435	75,720	46,714	4,168,183	4,390,878	1,231,089	69,427	327	28,206
TOTAL	370,997	714,070	26,291,860	1,845,677	2,551,869	66,979,070	88,554,617	20,566,088	1,578,640	4,789	454,415

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

Sheet 8 of 9

Calendar Year	CALIFORNIA AQUEDUCT (continued)									
	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	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0	0	0	0
1972	0	0	0	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	4,776,929	4,194,461	4,924,246	1,517,091	1,000,376	1,954,109	18,367,212
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	5,707,676	2,723,022	10,420,367	7,835,210	356,041	12,063,981	39,106,296
2008	76,668	231,149	2,892,276	8,312,243	835,162	16,214,786	7,456,094	(114,790)	429,337	33,132,833
2009	140,919	231,789	2,741,489	7,875,311	891,732	8,682,659	5,662,295	246,215	2,846,217	26,204,431
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	198,588	2,806,943	7,480,441	2,892,019	9,430,464	6,174,434	107,721	6,515,820	32,600,899
2013	6,155	187,559	2,926,327	8,802,453	3,752,894	12,292,156	7,183,042	401,341	3,654,003	36,085,889
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	10,015,763	2,116,914	8,728,872	9,136,793	(207,352)	16,158,032	45,949,021
2018	7,904	239,265	6,233,755	9,235,761	5,573,304	8,897,219	5,940,167	(5,178)	6,834,755	36,476,028
2019	175	423,325	9,421,387	11,476,342	6,907,918	7,691,213	8,672,310	1,020,592	6,539,924	42,308,299
2020	79,310	853,885	8,648,102	12,004,767	7,056,509	11,162,015	9,802,327	703,119	10,134,581	50,863,318
2021	34,790	599,124	10,841,436	13,327,301	3,265,983	10,445,822	13,861,101	927,986	(29,456,933)	12,371,260
2022	35,788	614,861	10,390,605	12,824,796	3,730,225	10,248,921	12,386,116	926,119	36,233,946	76,350,123
2023	34,350	592,998	9,917,574	13,396,808	4,087,003	10,167,402	11,603,963	1,078,370	6,779,089	47,112,635
2024	35,326	608,351	10,487,037	13,314,798	3,731,348	10,390,256	12,743,231	987,266	4,563,888	45,730,787
2025	35,679	614,435	10,591,907	13,447,946	3,768,662	10,494,158	12,870,663	997,139	4,609,527	46,188,095
2026	36,036	620,579	10,697,826	13,582,425	3,806,348	10,599,100	12,999,370	1,007,110	4,655,622	46,649,975
2027	36,396	626,785	10,804,805	13,718,249	3,844,412	10,705,091	13,129,363	1,017,181	4,702,178	47,116,474
2028	36,760	633,053	10,912,854	13,855,432	3,882,856	10,812,142	13,260,657	1,027,353	4,749,200	47,587,640
2029	37,128	639,383	11,021,981	13,993,986	3,921,684	10,920,263	13,393,263	1,037,626	4,796,692	48,063,514
2030	37,499	645,777	11,132,199	14,133,926	3,960,901	11,029,466	13,527,196	1,048,003	4,844,659	48,544,151
2031	37,874	652,235	11,243,522	14,275,265	4,000,510	11,139,761	13,662,468	1,058,483	4,893,106	49,029,593
2032	38,253	658,757	11,355,959	14,418,018	4,040,515	11,251,158	13,799,993	1,069,068	4,942,037	49,519,889
2033	38,635	665,345	11,469,517	14,562,198	4,080,920	11,363,670	13,937,084	1,079,758	4,991,457	50,015,087
2034	39,022	671,998	11,584,214	14,707,820	4,121,730	11,477,306	14,076,454	1,090,556	5,041,372	50,515,238
2035	39,412	678,718	11,700,056	14,854,888	4,162,947	11,592,080	14,217,219	1,101,461	5,091,785	51,020,390
TOTAL	1,396,122	14,835,071	226,143,284	462,256,482	128,243,081	389,950,427	367,682,943	37,819,388	176,610,134	1,562,562,455

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)							GRAND TOTAL
	COASTAL BRANCH						Total	
	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	0	0
1962	0	0	0	0	0	0	0	42,918
1963	0	0	0	0	0	0	0	168,358
1964	0	0	0	0	0	0	0	184,729
1965	0	0	0	0	0	0	0	378,874
1966	0	0	0	0	0	0	0	408,397
1967	0	0	0	0	0	0	0	634,505
1968	0	0	0	0	0	0	2,160,548	2,745,160
1969	509,728	0	0	0	0	509,728	3,324,718	4,074,939
1970	609,988	0	0	0	0	609,988	3,983,062	4,676,282
1971	699,052	0	0	0	0	699,052	5,614,013	6,185,714
1972	697,576	0	0	0	0	697,576	12,353,356	12,998,869
1973	641,626	0	0	0	0	641,626	14,590,688	15,194,233
1974	669,279	0	0	0	0	669,279	16,598,762	17,372,561
1975	806,429	0	0	0	0	806,429	19,569,999	20,517,423
1976	840,927	0	0	0	0	840,927	19,002,859	20,027,213
1977	872,169	0	0	0	0	872,169	23,267,885	24,213,489
1978	934,119	0	0	0	0	934,119	24,818,739	26,012,786
1979	871,688	0	0	0	0	871,688	23,421,881	24,675,598
1980	1,047,396	4,790	0	30	75	1,052,291	30,105,348	32,038,398
1981	1,037,469	4,790	0	30	75	1,042,364	33,884,524	35,516,366
1982	1,015,555	4,790	0	30	75	1,020,450	39,515,188	41,611,655
1983	1,146,269	4,957	0	30	77	1,151,333	54,543,263	56,802,781
1984	1,427,192	5,051	0	31	78	1,432,352	63,947,633	67,105,188
1985	1,849,827	5,051	0	31	78	1,854,987	69,700,009	73,272,898
1986	1,714,723	5,051	0	31	78	1,719,883	73,437,761	76,707,917
1987	1,689,141	4,324	0	26	67	1,693,558	71,443,424	75,217,576
1988	1,964,428	4,509	0	28	70	1,969,035	72,349,117	76,060,618
1989	1,768,942	4,509	0	28	70	1,773,549	73,894,076	78,662,348
1990	2,274,772	0	0	0	0	2,274,772	86,130,115	91,361,385
1991	2,187,841	0	0	0	0	2,187,841	86,877,284	90,982,870
1992	2,465,364	0	0	0	0	2,465,364	94,167,321	99,235,524
1993	2,811,441	0	0	0	0	2,811,441	100,019,568	107,299,130
1994	3,894,639	0	0	0	0	3,894,639	92,336,811	99,944,106
1995	3,481,049	0	0	0	0	3,481,049	98,887,435	105,659,504
1996	5,144,684	0	0	0	0	5,144,684	105,119,193	112,018,784
1997	2,523,741	(33)	0	0	0	2,523,708	107,647,058	113,385,326
1998	4,302,712	1,878,365	1,386	160,400	88,026	6,430,889	120,649,996	127,316,519
1999	4,186,160	1,957,943	16,646	184,325	87,373	6,432,446	124,571,294	133,743,660
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	135,885,737	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	3,221,065	2,947,785	24,929	10,052	6,341	6,210,171	158,621,394	168,276,640
2008	5,643,314	4,241,709	10,299	4,748	3,344	9,903,413	179,192,682	189,732,852
2009	5,222,380	3,732,888	20,503	8,205	6,678	8,990,654	160,043,046	170,481,793
2010	6,455,964	5,189,988	11,608	4,207	3,897	11,665,664	160,263,418	172,120,222
2011	6,179,264	5,473,488	23,778	9,535	6,392	11,692,457	172,973,540	185,923,544
2012	5,324,113	6,432,226	24,824	10,251	5,573	11,796,987	192,218,674	208,309,374
2013	5,966,545	7,967,498	54,228	24,056	16,670	14,028,997	217,890,773	232,934,032
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	5,277,012	14,492,089	0	0	393	19,769,493	225,262,253	246,507,389
2018	7,952,906	12,550,436	0	0	0	20,503,342	242,980,008	267,796,985
2019	7,311,557	9,520,580	0	0	1,421	16,833,558	259,622,221	279,772,568
2020	8,288,829	9,494,756	442	212	17,949	17,802,188	284,462,653	307,017,720
2021	9,501,739	9,896,534	0	0	0	19,398,273	268,479,317	297,805,855
2022	9,406,084	9,768,739	0	0	0	19,174,823	328,858,541	353,492,773
2023	9,492,659	9,895,621	0	0	0	19,388,280	294,395,941	317,008,590
2024	9,561,495	9,952,167	0	0	0	19,513,662	300,217,051	325,996,768
2025	9,657,110	10,051,689	0	0	0	19,708,799	303,219,220	329,256,734
2026	9,753,681	10,152,206	0	0	0	19,905,887	306,251,409	332,549,299
2027	9,851,218	10,253,728	0	0	0	20,104,946	309,313,919	335,874,788
2028	9,949,730	10,356,265	0	0	0	20,305,995	312,407,064	339,233,542
2029	10,049,228	10,459,828	0	0	0	20,509,056	315,531,132	342,625,874
2030	10,149,720	10,564,426	0	0	0	20,714,146	318,686,444	346,052,133
2031	10,251,217	10,670,070	0	0	0	20,921,287	321,873,312	349,512,659
2032	10,353,729	10,776,771	0	0	0	21,130,500	325,092,042	353,007,782
2033	10,457,267	10,884,539	0	0	0	21,341,806	328,342,960	356,537,858
2034	10,561,839	10,993,384	0	0	0	21,555,223	331,626,392	360,103,239
2035	10,667,458	11,103,318	0	0	0	21,770,776	334,942,653	363,704,267
TOTAL	318,106,383	282,342,275	584,876	1,904,680	912,880	603,851,094	10,312,090,418	11,123,505,493

* 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 Charge¹ (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 Solano Pumping Plant	Cordelia Napa) ² Pumping Plant		South Bay and Del Valle Pumping Plants ³	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	452,829	228,602	257,457	938,888	4,246,055	25,246,954	10,916,144	16,166,923
2008	424,401	196,012	302,391	922,805	3,338,056	17,301,735	6,127,334	11,219,859
2009	218,928	103,298	163,097	485,323	2,488,316	9,222,581	4,052,672	6,864,611
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	26,615,683	11,633,798	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	297,153	185,234	186,086	668,473	3,603,869	45,074,329	21,574,838	22,576,239
2018	502,488	313,909	318,026	1,134,423	5,478,895	27,231,378	10,825,836	13,964,022
2019	461,629	265,853	316,226	1,043,708	2,808,687	40,800,986	17,075,237	18,067,278
2020	589,546	371,216	391,125	1,351,887	4,503,479	19,319,350	7,090,425	8,906,130
2021	594,606	251,810	389,935	1,236,351	5,629,789	25,248,870	6,398,190	12,144,928
2022	596,166	0	569,432	1,165,598	5,299,678	42,578,365	16,190,677	20,729,249
2023	695,677	0	664,479	1,360,156	5,463,511	41,607,016	16,626,767	21,377,216
2024	643,418	0	421,634	1,065,052	5,683,378	49,976,609	19,650,398	24,740,507
2025	644,718	0	422,487	1,067,205	5,694,864	32,709,752	19,718,860	24,843,700
2026	644,676	0	422,459	1,067,135	5,694,491	47,920,165	19,417,863	24,301,199
2027	644,806	0	422,544	1,067,350	5,695,642	26,567,905	19,765,904	24,927,752
2028	644,559	0	422,382	1,066,941	5,693,456	45,851,648	19,510,649	24,469,810
2029	644,700	0	422,475	1,067,175	5,694,707	51,379,571	19,689,735	24,791,123
2030	644,699	0	422,474	1,067,173	5,694,695	38,060,121	19,446,706	24,352,560
2031	644,690	0	422,468	1,067,158	5,694,616	45,306,635	20,448,636	26,192,154
2032	644,702	0	422,476	1,067,178	5,694,724	40,842,493	18,947,942	23,467,116
2033	644,779	0	422,526	1,067,305	5,695,397	44,036,714	20,425,871	26,147,759
2034	644,544	0	422,372	1,066,916	5,693,325	37,058,336	19,063,854	23,673,591
2035	644,848	0	422,572	1,067,420	5,700,930	65,555,536	21,842,036	28,890,907
TOTAL	16,713,895	4,275,564	11,925,394	32,914,853	176,393,797	1,230,830,284	524,458,203	646,403,986

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

² Costs for the period 1968 through 1987 are for an interim facility.

³ 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 Charge¹ (in dollars)

Sheet 2 of 4

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 ⁴
	[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	16,696,376	37,745,762	125,906,671	(2,976,651)	19,535,884	(5,872,118)	0
2008	12,277,758	24,909,320	77,923,925	(3,305,736)	10,681,335	(3,203,162)	321,126
2009	7,295,413	15,760,598	71,020,298	(3,096,612)	9,127,461	(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	23,387,831	51,355,672	190,628,103	(14,211,439)	39,395,014	(21,146,267)	628,859
2018	14,087,128	31,308,559	114,846,389	(5,257,816)	19,731,079	(6,327,632)	0
2019	18,736,621	41,554,227	153,525,719	(6,869,820)	32,047,247	(12,482,481)	1,839,176
2020	10,355,733	23,188,803	83,955,964	(4,628,733)	10,015,799	(3,613,514)	0
2021	11,426,054	25,654,961	93,868,714	(2,174,825)	7,674,881	(2,570,709)	0
2022	21,049,270	47,636,477	174,088,106	(10,189,863)	33,590,808	(17,394,464)	0
2023	21,675,267	49,019,513	179,130,348	(10,190,516)	34,528,490	(17,375,734)	0
2024	25,531,348	58,182,078	212,592,632	(12,678,300)	37,691,172	(16,130,886)	0
2025	25,640,518	58,433,028	213,518,043	(13,062,137)	39,053,502	(16,701,158)	0
2026	25,052,394	57,069,817	208,447,309	(12,770,273)	38,079,077	(16,270,074)	0
2027	25,731,588	58,644,088	214,303,014	(12,997,475)	38,843,030	(16,605,387)	0
2028	25,235,304	57,493,867	210,024,954	(12,875,363)	38,421,444	(16,424,938)	0
2029	25,583,491	58,300,819	213,026,159	(12,933,651)	38,623,941	(16,511,006)	0
2030	25,107,980	57,198,586	208,925,993	(12,822,667)	38,254,540	(16,347,234)	0
2031	27,108,421	61,840,484	226,212,678	(13,302,229)	39,855,083	(17,058,079)	0
2032	24,150,569	54,981,471	200,687,206	(12,422,361)	36,928,695	(15,760,187)	0
2033	27,059,762	61,727,264	225,789,833	(13,390,516)	40,156,847	(17,189,856)	0
2034	24,373,805	55,498,391	202,607,917	(12,594,275)	37,487,801	(16,011,600)	0
2035	30,070,647	68,737,202	251,988,900	(13,535,459)	40,648,693	(17,406,814)	0
TOTAL	665,276,119	1,497,055,593	5,418,098,840	(294,781,608)	928,590,106	(375,625,872)	8,047,103

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

⁴ 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 Charge¹ (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 ⁴	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)	249,247	0	256,954	11,191	591,884	6,209,802	(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)	360,469	0	391,372	7,531	418,845	4,330,960	(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	48,171	220,412	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)	370,732	1,050,753	1,235,207	86,117	7,963,884	5,175,886	(5,788,402)
2018	(17,953,848)	7,946	1,225,939	968,007	44,318	0	4,842,262	(5,500,049)
2019	(31,031,131)	154,185	1,539,458	1,054,944	52,540	3,101,060	4,158,852	(4,970,310)
2020	(8,500,040)	215,603	652,160	825,191	77,427	0	5,548,865	(5,674,664)
2021	(4,239,772)	5,549	151,515	132,620	13,178	0	8,840,437	(6,698,681)
2022	(28,470,946)	0	571,213	502,771	85,382	0	5,590,345	(5,922,033)
2023	(28,438,194)	0	531,337	467,734	79,043	0	5,676,303	(6,047,218)
2024	(27,564,147)	0	632,457	555,988	98,772	0	7,461,014	(6,736,363)
2025	(27,446,427)	0	633,735	557,112	98,971	0	6,996,144	(6,315,183)
2026	(27,700,070)	0	633,694	557,076	98,965	0	6,807,203	(6,144,206)
2027	(27,561,951)	0	633,822	557,188	98,985	0	7,171,216	(6,473,142)
2028	(27,746,641)	0	633,578	556,974	98,947	0	6,850,846	(6,185,705)
2029	(27,496,937)	0	633,718	557,097	98,968	0	7,112,588	(6,421,010)
2030	(27,575,435)	0	633,716	557,096	98,968	0	6,792,560	(6,130,704)
2031	(27,644,179)	0	633,708	557,088	98,967	0	8,222,555	(7,429,087)
2032	(27,029,515)	0	633,720	557,099	98,969	0	6,393,698	(5,769,756)
2033	(28,309,585)	0	633,794	557,164	98,980	0	8,013,354	(7,237,987)
2034	(26,948,049)	0	633,564	556,962	98,944	0	6,395,411	(5,772,004)
2035	(28,566,222)	0	633,863	557,225	98,991	0	12,482,085	(11,309,379)
TOTAL	(1,079,411,924)	4,830,523	13,325,744	16,814,838	1,896,273	19,564,674	225,629,383	(338,645,255)

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

⁴ 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 Charge¹ (in dollars)

Sheet 4 of 4

Calendar Year	CALIFORNIA AQUEDUCT (continued)						Grand Total
	Reach 29H	Reach 29J	Reach 30	Reach 31A	Reach 33A	Total	
	Pyramid Lake ⁴	Castaic Powerplant	Castaic Lake ⁴	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	13,881	13,881	236,998
1968	0	0	0	118,676	0	774,253	1,117,913
1969	0	0	0	78,350	0	507,516	773,646
1970	0	0	0	136,429	0	693,842	1,103,798
1971	0	0	0	166,296	0	1,083,864	1,476,135
1972	0	(211,144)	0	237,638	0	2,494,486	3,107,622
1973	0	(1,057,564)	0	120,913	0	2,432,136	2,940,075
1974	0	(1,547,884)	0	118,582	0	3,107,972	3,691,020
1975	0	(2,455,461)	0	94,848	0	5,460,134	5,824,671
1976	0	(2,827,557)	0	141,260	0	7,621,469	8,213,686
1977	0	(3,734,462)	0	71,311	0	390,887	926,518
1978	0	(1,542,479)	0	179,925	0	6,714,161	7,322,208
1979	0	(2,773,323)	0	192,126	0	8,984,155	9,605,528
1980	0	(3,408,863)	0	168,458	0	9,882,560	10,425,874
1981	0	(2,834,322)	0	169,177	0	16,972,365	17,563,899
1982	0	(3,463,971)	0	168,390	0	12,859,335	13,477,272
1983	0	(6,649,626)	0	17,920	0	(7,537,336)	(7,452,772)
1984	0	(4,710,802)	0	112,679	0	(4,435,856)	(4,159,491)
1985	0	(15,698,638)	0	146,843	0	(10,322,390)	(9,861,182)
1986	0	(11,072,448)	0	297,886	0	10,793,124	11,622,736
1987	80,822	(11,557,616)	(43,085)	245,082	0	5,785,662	6,701,444
1988	54,038	(12,295,001)	(210,845)	214,519	0	5,286,197	6,239,206
1989	84,370	(14,812,039)	89,852	282,180	0	23,321,280	24,585,082
1990	0	(20,116,741)	245,034	416,832	0	46,159,454	48,154,174
1991	432,382	(6,579,194)	0	3,610	0	2,015,735	2,462,222
1992	29,879	(9,167,653)	(1,141,229)	101,665	0	(5,884,783)	(5,509,967)
1993	(675,438)	(7,895,978)	(2,751,590)	(111,306)	0	(24,731,032)	(24,907,974)
1994	0	(10,565,940)	(81,262)	206,086	0	12,583,232	13,500,210
1995	544,099	(4,049,615)	0	243,434	0	(497,940)	(142,957)
1996	0	(8,457,232)	0	296,170	0	15,023,644	15,870,542
1997	0	(8,727,328)	(897)	298,483	208,816	13,156,005	14,336,879
1998	(965,988)	(3,360,851)	(2,139,549)	(55,491)	(92,902)	(24,248,768)	(24,405,949)
1999	0	(9,672,802)	0	164,612	235,962	(3,259,953)	(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	1,309,284	2,318,385	197,244,082	202,429,025
2008	0	(14,961,833)	1,324,089	1,129,260	1,735,720	124,897,730	129,158,597
2009	408,246	(15,570,055)	0	695,409	1,211,315	90,225,176	93,198,814
2010	0	(10,738,810)	0	902,173	1,484,370	137,059,478	140,022,297
2011	0	(11,102,175)	1,987,450	1,110,306	2,125,280	195,892,795	199,911,580
2012	179,889	(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	1,603,193	2,555,210	325,254,399	329,526,740
2018	1,869,287	(9,835,493)	120,323	1,946,519	3,607,632	201,751,788	208,365,106
2019	0	(8,670,822)	1,317,734	1,747,871	2,330,360	275,078,931	278,931,326
2020	579,974	(10,165,610)	0	1,919,690	1,994,173	142,062,724	147,918,091
2021	0	(12,540,284)	0	880,985	848,388	165,064,999	171,931,138
2022	0	(9,965,407)	0	1,136,787	3,861,655	295,668,392	302,133,668
2023	0	(10,035,391)	0	1,170,310	3,978,574	303,780,865	310,604,532
2024	0	(10,168,866)	0	904,789	5,978,827	370,718,029	377,466,459
2025	0	(9,952,477)	0	907,389	5,997,809	355,631,181	362,393,250
2026	0	(9,676,152)	0	907,329	5,997,415	362,728,731	369,490,357
2027	0	(10,208,112)	0	907,512	5,998,627	350,304,564	357,067,556
2028	0	(9,741,918)	0	907,164	5,996,326	363,076,946	369,837,343
2029	0	(10,123,707)	0	907,363	5,997,642	373,215,904	379,977,786
2030	0	(9,654,347)	0	907,361	5,997,630	353,803,430	360,565,298
2031	0	(11,762,374)	0	907,349	5,997,548	386,185,358	392,947,132
2032	0	(9,071,174)	0	907,366	5,997,661	344,541,012	351,302,914
2033	0	(11,450,676)	0	907,473	5,998,370	383,974,565	390,737,267
2034	0	(9,075,968)	0	907,142	5,996,187	343,950,009	350,710,250
2035	0	(18,200,736)	0	907,571	5,999,018	439,394,064	446,162,414
TOTAL	10,669,656	(637,435,745)	31,956,121	43,363,012	121,793,424	8,682,703,479	8,892,012,129

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

⁴ 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 ^{1,6}	Total
	Capital Costs ¹	Capital Cost Credits ²	Operating Costs ³	Application of Oroville Power Revenues to:			
				Capital Costs ⁴	Operating Costs ⁵		
[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	11,015,317	0	50,885,567	(14,650,000)	(5,503,289)	2,448,692	44,196,287
1997	15,293,815	0	51,788,497	(14,650,000)	(5,740,515)	1,699,730	48,391,527
1998	3,879,387	0	54,726,293	(14,650,000)	(8,155,000)	1,193,198	36,993,878
1999	7,781,008	0	54,318,638	(14,650,000)	(9,198,000)	9,686	38,261,332
2000	10,862,329	0	56,234,261	(14,688,338)	(10,297,482)	13,491	42,124,261
2001	10,963,284	0	75,778,041	(16,223,803)	(14,328,482)	23,866	56,212,905
2002	20,404,917	0	68,206,261	(19,498,891)	(20,826,560)	24,426	48,310,152
2003	23,673,783	0	77,724,423	(20,605,664)	(29,982,088)	9,833	50,820,287
2004	21,667,832	0	91,197,978	(17,530,688)	(35,845,422)	7,548	59,497,248
2005	6,626,203	0	104,238,542	(15,354,462)	(22,004,805)	0	73,505,479
2006	11,463,233	0	102,565,895	(15,210,585)	(21,412,577)	0	77,405,965
2007	8,477,421	0	87,038,283	(14,734,855)	(17,033,961)	0	63,746,888
2008	7,380,969	0	104,309,910	(14,968,129)	(19,570,602)	0	77,152,149
2009	7,622,169	0	114,460,262	(15,959,419)	(20,921,647)	0	85,201,364
2010	8,261,384	0	123,147,336	(15,958,194)	(20,222,025)	0	95,228,500
2011	12,939,706	0	127,339,358	(15,958,715)	(18,804,228)	0	105,516,121
2012	28,238,078	0	124,686,683	(16,032,565)	(22,105,563)	0	114,786,633
2013	101,186,489	0	133,898,747	(16,034,532)	(20,672,157)	0	198,378,547
2014	83,053,552	0	146,452,851	(15,841,275)	(17,712,411)	0	195,952,718
2015	41,518,876	0	155,330,700	(20,657,953)	(17,587,782)	0	158,603,840
2016	84,989,978	0	191,794,091	(20,646,145)	(16,898,173)	0	239,239,752
2017	302,488,445	0	160,676,611	(21,072,456)	(19,503,596)	0	422,589,004
2018	382,302,827	0	201,963,718	(23,135,691)	(21,101,689)	0	540,029,165
2019	163,306,757	0	202,433,469	(29,562,263)	(21,040,527)	0	315,137,436
2020	160,237,511	0	210,155,912	(32,885,819)	(22,125,629)	0	315,381,975
2021	144,024,749	0	256,290,869	(34,035,007)	(24,819,244)	0	341,461,367
2022	192,733,531	0	248,260,852	(36,618,255)	(29,480,332)	0	374,895,797
2023	128,674,530	0	264,025,429	(37,302,711)	(47,283,344)	0	308,113,903
2024	425,509	0	244,825,471	(37,349,688)	(34,977,042)	0	172,924,250
2025	425,509	0	249,387,470	(38,337,036)	(35,319,037)	0	176,156,906
2026	425,509	0	254,680,807	(38,185,429)	(35,664,453)	0	181,256,434
2027	425,509	0	249,887,702	(38,177,553)	(36,013,323)	0	176,122,335
2028	425,509	0	267,317,883	(38,192,129)	(36,365,682)	0	193,185,581
2029	425,509	0	258,170,671	(38,094,335)	(36,721,564)	0	183,780,281
2030	425,509	0	264,150,198	(42,925,560)	(37,081,005)	0	184,569,142
2031	425,509	0	265,272,609	(42,956,315)	(37,444,041)	0	185,297,762
2032	425,509	0	270,245,641	(43,153,690)	(37,810,706)	0	189,706,754
2033	425,509	0	264,219,671	(43,146,479)	(38,181,039)	0	183,317,662
2034	425,509	0	283,793,773	(43,144,208)	(38,555,075)	0	202,519,999
2035	425,509	0	267,601,463	(43,138,724)	(38,932,851)	0	185,955,397
TOTAL	2,948,985,694	(11,528,320)	7,343,563,009	(1,462,130,563)	(1,133,100,887)	57,085,905	7,742,874,838

¹ Reimbursed through the capital cost component of the Delta Water Charge.

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

³ 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.

⁴ Revenues credited through the capital cost component of the Delta Water Charge.

⁵ Revenues credited through the minimum OMP&R component of the Delta Water Charge.

⁶ 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 ¹	Total	Alameda-Zone 7	Alameda County	Santa Clara	Total	San Luis Obispo	Santa Barbara	Total
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]
1952	0	0	0	83	114	410	608	122	224	346
1953	0	0	0	323	479	1,808	2,610	336	620	956
1954	0	0	0	819	1,306	5,150	7,275	421	777	1,199
1955	0	0	0	977	1,570	6,297	8,844	211	390	601
1956	0	0	0	8,844	14,459	63,816	87,120	227	418	645
1957	15,199	11,436	26,634	21,564	35,240	649,596	706,401	291	536	827
1958	33,420	16,591	50,011	67,764	71,717	733,414	872,896	720	1,328	2,048
1959	20,697	6,591	27,288	154,255	143,730	493,050	791,035	10,636	69,139	79,775
1960	9,097	8,830	17,927	296,492	275,610	1,018,661	1,590,763	15,255	99,794	115,048
1961	6,950	7,445	14,395	853,506	802,675	1,914,709	3,570,890	10,163	36,681	46,843
1962	(194)	(926)	(1,120)	545,123	615,141	1,686,041	2,846,306	17,281	39,570	56,851
1963	1,319	1,111	2,430	657,426	1,281,271	3,243,838	5,182,534	68,821	140,841	209,662
1964	38,393	35,466	73,859	712,650	1,747,783	7,251,800	9,712,233	138,614	282,003	420,617
1965	198,833	62,221	261,054	360,779	606,025	3,414,457	4,381,262	250,706	497,152	747,859
1966	461,619	49,917	511,536	592,714	592,598	2,245,215	3,430,528	587,951	1,117,486	1,705,437
1967	1,569,498	40,379	1,609,877	796,995	803,951	2,401,862	4,002,808	936,412	1,762,694	2,699,106
1968	859,613	61,691	921,304	736,470	696,075	1,997,924	3,430,469	351,131	675,220	1,026,351
1969	74,388	59,318	133,706	269,698	293,275	764,950	1,327,923	76,966	164,583	241,550
1970	43,361	67,877	111,238	58,676	61,200	135,569	255,445	47,891	109,224	157,115
1971	26,763	34,052	60,815	34,052	18,227	84,089	114,402	28,638	80,715	109,353
1972	19,643	18,905	38,548	12,293	12,763	63,610	88,666	19,289	50,230	69,519
1973	56,510	30,874	87,384	10,494	12,136	39,380	62,010	23,010	56,178	79,189
1974	165,830	65,832	231,662	15,722	24,402	73,119	113,243	25,037	61,383	86,420
1975	91,824	89,234	181,058	16,730	15,806	41,394	73,930	14,740	61,416	76,156
1976	57,765	83,651	141,416	34,004	34,663	109,610	178,277	33,638	130,440	164,078
1977	64,167	80,147	144,314	46,229	45,115	133,375	224,720	108,324	264,720	373,044
1978	69,319	81,717	151,036	71,234	66,008	174,898	312,140	21,415	103,822	125,237
1979	191,273	282,907	474,180	45,468	42,943	110,665	199,077	22,941	125,669	148,610
1980	264,433	386,006	650,439	134,522	124,352	304,614	563,488	103,258	462,895	566,153
1981	227,606	383,086	610,692	(33,738)	(29,856)	(65,637)	(129,231)	(15,416)	(135,240)	(150,656)
1982	549,164	870,611	1,419,775	7,876	8,321	27,065	43,262	4,102	(58,882)	(54,780)
1983	1,254,900	1,433,061	2,687,961	138,413	131,515	339,246	609,175	32,196	110,287	142,483
1984	2,547,878	2,750,040	5,297,918	152,992	140,971	351,921	645,884	35,448	107,723	143,171
1985	7,143,123	6,443,613	13,586,736	19,776	19,245	53,491	92,512	17,424	78,896	96,319
1986	10,565,937	16,926,630	27,492,567	32,034	31,581	88,070	151,684	44,135	306,452	350,588
1987	7,979,832	12,599,507	20,579,339	50,153	48,675	138,959	237,787	126,995	1,342,116	1,469,110
1988	2,312,909	4,343,513	6,656,422	116,181	112,294	302,461	530,935	156,473	1,479,545	1,636,018
1989	1,224,538	1,553,352	2,777,890	108,320	102,804	260,092	471,217	152,173	1,210,940	1,363,112
1990	443,002	824,055	1,267,057	224,283	224,188	625,213	1,073,684	222,208	1,559,457	1,781,665
1991	99,848	89,269	189,117	413,426	383,368	946,246	1,743,040	298,398	2,184,088	2,482,487
1992	57,045	62,083	119,128	182,231	169,968	442,055	794,255	361,210	3,504,755	3,865,965
1993	122,423	128,634	251,057	129,344	125,312	342,416	597,071	1,170,649	11,997,953	13,168,602
1994	71,274	83,270	154,544	46,042	58,050	229,649	333,741	4,260,734	46,401,596	50,662,331
1995	30,605	29,271	59,876	97,808	97,063	257,484	452,355	12,268,787	155,255,850	167,524,637
1996	20,275	19,069	39,344	49,854	48,056	127,493	225,403	11,284,548	145,409,410	156,693,959
1997	20,039	107,784	127,823	82,598	78,996	209,517	371,111	3,184,506	38,158,718	41,343,224
1998	17,423	21,572	38,995	27,302	24,121	63,057	114,480	883,110	10,563,359	11,446,469
1999	67,602	106,355	173,957	74,165	73,552	208,296	356,013	928,738	9,596,058	10,524,796
2000	16,252	37,932	54,185	27,445	28,844	80,346	136,635	488,160	5,529,102	6,017,261
2001	6,598	13,750	20,347	140,394	270,055	1,856,845	2,267,294	72,358	539,206	611,564
2002	19,917	45,940	65,857	809,721	1,193,494	5,886,086	7,889,301	69,122	387,295	456,418
2003	54,235	20,712	74,947	1,157,357	1,331,716	4,620,288	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)	335,420	1,566,054	1,901,474
2015	187,630	266,930	454,560	956,892	547,412	1,373,109	2,877,413	255,077	1,369,578	1,624,654
2016	88,532	162,844	251,375	286,716	175,035	433,462	895,213	269,002	1,153,240	1,422,242
2017	26,944	98,292	125,236	217,034	152,879	467,134	837,047	305,970	1,077,531	1,383,501
2018	24,552	60,120	84,672	837,001	496,660	1,621,109	2,954,770	349,727	746,850	1,096,577
2019	36,454	90,920	127,375	660,325	348,017	1,379,869	2,388,210	295,312	1,018,772	1,314,084
2020	300,276	438,694	738,970	723,097	452,935	1,368,439	2,544,470	472,366	1,630,163	2,102,529
2021	1,489,200	2,455,957	3,945,157	2,621,729	1,424,174	4,236,492	8,282,395	830,992	4,426,199	5,257,191
2022	1,211,141	3,716,311	4,927,452	5,080,777	2,659,496	6,638,942	14,379,214	704,834	2,616,509	3,321,344
2023	219,933	1,301,857	1,521,790	2,692,969	1,526,632	3,731,637	7,951,239	1,419,697	7,030,728	8,450,425
2024	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0	0	0
TOTAL	58,529,644	61,102,192	119,631,836	42,499,194	37,868,575	114,352,925	194,720,694	44,811,400	466,845,737	511,657,136

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

¹ 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 ²	Future Contractor San Joaquin Valley	Kern			Kings	Oak Flat	Tulare	Total
				Municipal and Industrial	Municipal and Industrial ³	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)	(1,324)	(461,830)	
1982	49,916	2,584	6,600	83,283	13,142	654,692	2,638	1,252	102,287	916,395
1983	52,429	(35,295)	12,125	110,465	13,872	1,073,500	2,769	1,327	107,337	1,338,529
1984	86,345	4,474	14,303	154,799	22,764	1,617,225	4,572	2,678	177,020	2,084,180
1985	25,435	1,311	5,649	47,055	6,766	484,485	1,341	1,176	52,013	625,231
1986	38,309	(41,067)	9,862	71,661	10,320	796,097	2,009	778	78,142	966,110
1987	28,769	1,476	7,004	55,537	7,969	616,845	1,509	1,491	58,679	779,279
1988	52,329	2,831	17,078	70,572	12,049	909,046	2,894	4,620	109,713	1,181,132
1989	156,099	8,019	27,551	352,103	42,943	3,834,481	8,201	12,134	318,604	4,760,133
1990	292,361	15,142	50,360	553,394	87,199	6,094,021	15,487	22,729	599,233	7,729,927
1991	349,413	18,103	60,419	580,572	91,765	6,447,565	18,515	23,486	716,292	8,306,130
1992	125,891	6,439	28,019	241,559	34,559	2,711,639	6,585	10,883	256,370	3,421,943
1993	86,113	4,375	30,245	174,630	23,840	2,059,168	4,474	4,698	174,772	2,562,314
1994	64,762	3,323	23,894	124,518	17,633	1,488,418	3,398	2,173	132,095	1,860,213
1995	82,969	(1,000)	72,734	167,698	24,390	2,472,332	4,355	2,824	169,318	2,995,621
1996	27,611	(61,913)	51,990	68,870	8,812	1,233,548	1,437	1,590	56,092	1,388,037
1997	136,503	7,041	48,721	241,400	36,417	2,951,687	7,195	3,706	279,205	3,711,875
1998	70,737	(121,004)	23,083	122,934	18,622	1,474,568	3,742	1,278	144,963	1,738,923
1999	81,197	4,192	26,645	142,983	21,661	1,715,933	4,285	3,846	166,160	2,166,903
2000	21,089	1,073	9,822	45,704	6,013	547,927	1,096	(1,081)	42,826	674,466
2001	17,776	907	7,862	36,078	5,062	432,671	927	781	36,153	538,217
2002	93,258	4,801	18,852	163,537	25,021	1,835,443	4,909	1,470	190,549	2,337,839
2003	19,993	1,020	5,083	37,987	5,481	435,030	1,038	422	40,670	546,724
2004	18,558	958	4,113	34,437	4,911	374,948	980	1,518	37,972	478,394
2005	56,091	2,902	9,832	96,815	14,744	1,025,877	2,964	561	114,896	1,324,682
2006	10,670	551	1,947	30,110	2,812	197,248	564	732	21,841	266,475
2007	15,261	772	4,166	36,509	4,188	324,461	789	921	30,898	417,965
2008	62,504	3,233	11,391	104,213	16,434	1,151,588	3,304	2,079	128,030	1,482,775
2009	15,005	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	199,568	10,183	96,199	371,692	54,320	4,716,909	10,419	15,319	405,928	5,880,537
2015	128,498	6,507	61,036	265,181	35,635	3,137,082	6,656	11,412	260,356	3,912,362
2016	160,353	8,124	84,134	519,963	43,881	6,352,222	8,309	6,108	324,989	7,508,082
2017	248,915	12,797	111,531	448,694	66,797	5,720,487	13,085	13,173	508,262	7,143,741
2018	350,535	18,047	160,238	623,080	94,167	7,971,497	18,462	7,135	716,271	9,959,432
2019	295,598	15,079	109,017	540,813	82,256	6,492,447	15,417	10,259	601,180	8,162,067
2020	382,681	19,304	174,337	732,504	108,695	9,000,648	19,740	21,053	773,859	11,232,821
2021	621,581	31,365	201,187	1,374,410	193,744	15,498,796	32,073	31,147	1,257,171	19,241,474
2022	649,687	33,049	247,663	1,271,640	179,252	14,963,847	33,796	35,906	1,319,427	18,734,267
2023	631,976	31,776	379,703	1,724,307	184,413	19,575,415	32,491	21,243	1,275,891	23,857,215
2024	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0	0	0
TOTAL	9,861,413	161,624	3,730,358	22,018,951	2,853,168	251,184,051	506,019	457,814	19,887,838	310,661,236

² 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.

³ 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 Geronio
	[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	1,690,529	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	3,160,731
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	271,580	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	879,140	248,896	64,584	410,477	16,045	513,686	115,256	60,030,520	410,545	69,390,571
2015	1,064,308	272,669	69,997	449,682	20,133	563,020	148,788	32,998,079	387,926	37,546,289
2016	1,351,042	274,472	70,747	452,658	23,544	567,511	175,977	37,124,722	383,220	42,441,536
2017	802,684	170,740	41,458	281,584	13,758	355,742	101,945	12,453,493	195,754	13,991,085
2018	1,153,924	229,068	69,570	377,780	19,411	462,296	145,363	7,835,353	443,016	7,597,109
2019	987,903	230,268	97,598	379,781	16,623	402,089	124,517	2,121,561	474,933	504,053
2020	1,238,060	377,331	177,142	622,345	21,482	616,635	158,972	3,417,024	922,871	3,241
2021	2,577,745	613,593	194,726	1,011,954	45,278	1,202,090	332,764	5,821,176	1,413,097	1,119,273
2022	2,380,121	610,088	169,819	1,006,162	41,252	1,235,651	305,318	3,710,183	967,232	635,349
2023	3,892,354	858,583	245,138	1,415,988	66,089	1,721,364	493,438	5,330,777	1,328,341	999,994
2024	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0	0	0
TOTAL	71,318,930	20,021,425	6,364,300	33,019,683	1,270,080	39,333,920	9,332,961	506,735,156	35,294,416	459,418,625

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 ^{4,5}	Metropolitan ⁶	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	37,283,389	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	44,654,952	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	465,121	21,909,177	126,763	154,580,782	0	0	0	0	(16,925)	162,966,216
2015	533,858	41,075,322	163,548	115,293,619	0	0	0	0	277,916	124,440,524
2016	702,471	64,493,170	217,151	148,278,220	0	0	0	0	98,270	158,453,403
2017	557,177	35,292,552	154,696	64,412,667	0	0	0	0	77,988	73,980,180
2018	799,231	35,724,097	223,197	55,079,415	0	0	0	0	223,703	69,398,569
2019	825,812	37,022,501	254,371	43,442,008	0	0	0	0	162,624	55,596,367
2020	1,183,282	57,158,197	339,776	66,236,358	0	0	0	0	223,048	83,078,197
2021	1,590,924	80,304,297	485,855	96,712,769	0	0	0	0	728,655	134,167,641
2022	1,864,886	90,252,838	545,964	103,724,864	0	0	0	0	1,416,496	146,503,637
2023	2,546,572	111,803,967	737,123	131,439,725	0	0	0	0	1,327,632	174,548,027
2024	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0	0	0
TOTAL	45,826,425	2,171,492,595	14,885,556	3,414,314,072	0	0	341,139	341,139	25,569,842	4,576,895,954

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

⁵ 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.

⁶ 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)

1,2,3

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	496,442	361,935	1,309,946	2,168,323	104,160	208,037	312,197
1969	165,289	0	165,289	598,214	397,386	1,411,701	2,407,300	122,043	242,426	364,469
1970	169,077	0	169,077	632,392	412,322	1,450,660	2,495,374	125,963	250,808	376,771
1971	171,286	0	171,286	639,451	415,439	1,457,564	2,512,454	128,402	256,371	384,773
1972	172,649	0	172,649	641,308	416,368	1,461,847	2,519,522	129,861	260,482	390,343
1973	173,649	31,366	205,015	642,884	417,018	1,465,086	2,524,988	130,843	263,040	393,883
1974	176,527	32,938	209,466	644,082	417,636	1,467,092	2,528,810	132,015	265,901	397,916
1975	184,973	36,291	221,264	646,805	418,879	1,470,816	2,536,499	133,290	269,028	402,318
1976	189,650	40,836	230,485	648,295	419,684	1,472,924	2,540,902	134,041	272,155	406,196
1977	192,592	45,096	237,688	651,157	421,449	1,478,507	2,551,113	135,754	278,799	414,553
1978	195,860	49,178	245,038	654,962	423,747	1,485,299	2,564,008	141,271	292,281	433,552
1979	199,390	53,340	252,730	660,424	427,108	1,494,207	2,581,739	142,362	297,569	439,930
1980	209,132	67,748	276,880	664,469	429,296	1,499,843	2,593,608	143,530	303,969	447,499
1981	222,599	87,408	310,007	674,754	435,629	1,515,357	2,625,740	148,789	327,544	476,333
1982	234,191	106,918	341,110	673,078	434,108	1,512,014	2,619,200	148,004	320,657	468,660
1983	262,160	151,259	413,419	674,737	434,532	1,513,393	2,622,662	148,213	317,658	465,870
1984	326,072	224,245	550,317	685,744	441,230	1,530,671	2,657,645	149,853	323,275	473,127
1985	455,836	364,305	820,141	698,164	448,410	1,548,594	2,695,168	151,658	328,761	480,419
1986	819,636	692,479	1,512,115	700,385	449,390	1,551,318	2,701,093	152,545	332,779	485,324
1987	1,360,688	1,559,243	2,919,931	703,248	451,007	1,555,828	2,710,084	154,805	348,472	503,277
1988	1,771,651	2,208,121	3,979,772	707,693	453,514	1,562,985	2,724,191	161,346	417,591	578,937
1989	1,891,484	2,433,160	4,324,645	716,571	459,332	1,578,655	2,754,558	169,453	494,247	663,699
1990	1,955,330	2,514,151	4,469,481	724,750	464,692	1,592,216	2,781,658	177,387	557,384	734,771
1991	1,978,582	2,557,403	4,535,985	741,583	476,459	1,625,032	2,843,073	189,500	639,235	828,735
1992	1,983,860	2,562,121	4,545,981	771,359	496,722	1,675,047	2,943,128	204,822	754,678	959,500
1993	1,986,897	2,565,427	4,552,324	785,370	505,773	1,698,585	2,989,729	224,056	941,300	1,165,356
1994	1,993,467	2,572,330	4,565,797	795,495	512,498	1,716,961	3,024,954	286,878	1,585,162	1,872,040
1995	1,997,323	2,576,836	4,574,159	799,837	515,639	1,729,387	3,044,862	517,412	4,095,799	4,613,211
1996	1,998,994	2,578,433	4,577,427	807,489	520,936	1,743,439	3,071,864	1,187,010	12,569,247	13,756,257
1997	2,000,110	2,579,484	4,579,594	811,413	523,583	1,750,461	3,085,457	1,808,545	20,578,178	22,386,724
1998	2,001,225	2,585,478	4,586,703	817,952	527,976	1,762,113	3,108,041	1,985,644	22,700,288	24,685,933
1999	2,002,204	2,586,690	4,588,893	820,117	529,331	1,765,656	3,115,104	2,035,260	23,293,767	25,329,027
2000	2,006,043	2,592,730	4,598,773	984,546	533,508	1,777,485	3,295,540	2,088,005	23,838,744	25,926,748
2001	2,328,373	2,785,135	5,113,508	1,044,814	535,165	1,782,101	3,362,080	2,116,046	24,156,352	26,272,398
2002	2,328,812	2,785,975	5,114,787	1,056,931	550,866	1,890,059	3,497,857	2,120,253	24,187,702	26,307,955
2003	2,330,156	2,788,784	5,118,941	1,129,494	621,150	2,236,683	3,987,327	2,124,324	24,210,510	26,334,833
2004	2,333,840	2,790,078	5,123,918	1,246,701	700,643	2,512,474	4,459,818	2,125,494	24,217,560	26,343,054
2005	2,344,388	2,791,416	5,135,804	1,636,062	721,599	2,761,150	5,118,811	2,126,238	24,220,734	26,346,972
2006	2,348,640	2,795,649	5,144,288	2,080,567	742,505	2,855,962	5,679,034	2,126,116	24,210,804	26,336,921
2007	2,411,675	2,797,019	5,208,694	2,979,488	763,106	2,906,201	6,648,615	2,126,644	24,214,870	26,341,514
2008	2,645,490	2,800,016	5,445,506	5,185,827	809,662	3,017,673	9,013,163	2,127,678	24,220,221	26,347,899
2009	3,226,865	2,804,341	6,031,206	7,619,492	897,252	3,227,237	11,743,981	2,129,520	24,226,659	26,356,180
2010	3,316,620	2,805,677	6,122,297	9,110,964	1,081,998	3,667,787	13,860,749	2,130,095	24,229,935	26,360,030
2011	3,347,008	2,805,916	6,152,925	11,735,497	1,318,810	4,260,266	17,314,573	2,135,200	24,239,123	26,374,323
2012	3,362,131	2,808,942	6,171,074	13,752,795	1,583,384	4,897,983	20,234,163	2,142,776	24,255,155	26,397,931
2013	3,401,236	2,841,785	6,243,021	15,070,007	1,664,841	5,007,350	21,742,198	2,148,169	24,278,899	26,427,068
2014	3,455,206	2,895,158	6,350,363	15,633,193	1,690,262	5,123,884	22,447,339	2,160,229	24,349,490	26,509,719
2015	3,505,154	2,948,047	6,453,201	16,108,272	1,588,247	4,739,755	22,436,274	2,178,155	24,451,787	26,629,942
2016	3,501,022	2,969,852	6,470,874	16,624,797	1,599,389	4,671,223	22,895,408	2,184,960	24,531,563	26,716,523
2017	3,482,317	2,983,493	6,465,810	16,943,834	1,583,076	4,591,219	23,118,129	2,176,330	24,566,024	26,742,353
2018	3,394,040	2,991,905	6,385,945	16,901,451	1,554,670	4,507,208	22,963,329	2,153,735	24,564,634	26,718,369
2019	3,346,684	2,997,307	6,343,991	16,929,039	1,561,517	4,543,513	23,034,069	2,165,636	24,593,849	26,759,485
2020	3,346,065	3,005,811	6,351,876	17,036,256	1,577,455	4,626,970	23,240,680	2,187,915	24,675,848	26,863,763
2021	3,375,339	3,049,000	6,424,338	17,146,319	1,616,353	4,747,005	23,509,677	2,229,293	24,821,503	27,050,796
2022	3,539,385	3,300,607	6,839,992	17,476,222	1,754,154	5,155,402	24,385,778	2,308,782	25,248,551	27,557,333
2023	3,680,490	3,661,105	7,341,595	18,142,841	2,026,899	5,834,642	26,004,382	2,380,257	25,514,968	27,895,225
2024	3,704,768	3,805,817	7,510,585	18,580,598	2,192,858	6,239,810	27,013,266	2,533,994	26,279,258	28,813,251
2025	3,695,153	3,802,240	7,497,393	18,578,342	2,191,615	6,236,086	27,006,043	2,532,718	26,276,132	28,808,850
2026	3,689,809	3,797,486	7,487,295	18,577,071	2,190,810	6,233,978	27,001,859	2,531,968	26,273,004	28,804,971
2027	3,686,438	3,793,052	7,479,489	18,574,500	2,189,045	6,228,395	26,991,940	2,530,254	26,266,360	28,796,615
2028	3,682,698	3,788,792	7,471,490	18,571,067	2,186,747	6,221,603	26,979,416	2,524,738	26,252,878	28,777,616
2029	3,678,660	3,784,425	7,463,085	18,565,968	2,183,385	6,212,695	26,962,048	2,523,647	26,247,591	28,771,237
2030	3,667,504	3,768,962	7,436,466	18,562,294	2,181,198	6,207,059	26,950,551	2,522,478	26,241,190	28,763,669
2031	3,652,087	3,747,896	7,399,983	18,552,429	2,174,865	6,191,545	26,918,839	2,517,220	26,217,615	28,734,834
2032	3,638,790	3,726,952	7,365,742	18,554,491	2,176,385	6,194,888	26,925,764	2,518,005	26,224,503	28,742,507
2033	3,606,731	3,679,501	7,286,231	18,553,271	2,175,962	6,193,509	26,922,742	2,517,796	26,227,502	28,745,297
2034	3,533,634	3,602,884	7,136,518	18,542,543	2,169,264	6,176,231	26,888,038	2,516,156	26,221,885	28,738,041
2035	3,385,491	3,456,582	6,842,073	18,530,511	2,162,084	6,158,308	26,850,903	2,514,351	26,216,398	28,730,749
TOTAL	145,602,274	148,412,620	294,014,893	489,970,345	70,858,098	219,743,485	780,571,927	93,982,881	995,593,994	1,089,576,876

¹ Unadjusted for prior overpayments or underpayments of charges.

² Determined at the current Project Interest Rate of 4.610 percent per annum.

³ Reflects the transfers of permanent aqueduct capacity among contractors.

TABLE B-15 Capital Cost Component of Transportation Charge for Each Contractor (in dollars)^{1,2,3}

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 ⁴	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	83,904	2,076	48,950	335,771	48,966	453,814	9,407	5,168	70,810	1,058,866
1969	84,051	6,227	57,418	392,005	52,536	931,990	10,158	5,617	267,921	1,807,922
1970	92,119	6,227	59,224	423,404	53,922	1,133,580	10,446	5,842	198,267	1,983,031
1971	105,027	6,227	60,329	444,522	54,712	1,505,590	10,612	6,291	210,984	2,404,294
1972	117,349	6,227	60,945	454,227	55,075	2,254,491	10,694	12,057	650,872	3,621,936
1973	129,084	6,227	61,370	458,449	55,248	2,600,212	10,736	6,965	251,748	3,580,039
1974	195,914	6,227	61,890	460,485	55,349	2,911,853	10,770	7,799	417,859	4,128,145
1975	237,954	6,227	62,452	462,798	55,490	3,487,596	10,812	8,035	498,605	4,829,969
1976	181,427	6,227	62,720	464,655	55,679	3,759,601	10,853	9,075	356,691	4,906,927
1977	178,370	6,227	63,362	467,359	55,965	4,119,441	10,914	8,314	341,043	5,250,995
1978	190,692	0	65,796	469,216	56,156	4,579,107	11,019	8,763	365,899	5,746,649
1979	226,155	6,227	66,111	471,978	56,491	5,028,061	11,086	8,988	411,801	6,286,898
1980	240,565	6,227	66,399	474,721	56,828	5,486,747	11,157	12,807	414,454	6,769,905
1981	240,565	6,227	67,986	491,115	58,770	6,004,835	11,565	9,662	439,310	7,330,035
1982	240,565	6,227	67,996	488,835	58,707	6,483,013	11,552	10,111	463,587	7,830,594
1983	251,713	6,227	68,332	493,076	59,377	7,027,401	11,685	8,471	55,191	7,981,474
1984	264,622	6,227	68,950	498,702	60,083	7,375,956	11,834	10,785	361,916	8,659,075
1985	276,943	6,227	69,678	506,586	61,243	7,854,119	12,069	11,010	263,291	9,061,167
1986	289,265	6,227	69,966	508,983	61,587	7,980,356	12,141	11,459	561,854	9,501,838
1987	301,587	6,227	70,471	512,652	62,116	8,811,429	12,251	11,684	586,132	10,374,549
1988	313,908	6,227	70,832	515,513	62,526	9,262,330	12,334	12,133	610,409	10,866,211
1989	326,230	6,227	71,717	519,169	63,150	9,587,594	12,501	12,583	635,265	11,234,436
1990	169,276	6,227	73,153	537,527	65,389	9,925,532	12,936	12,807	684,976	11,487,824
1991	313,386	6,227	75,796	566,573	69,966	9,925,532	13,762	12,807	684,976	11,669,026
1992	338,551	6,227	78,990	597,260	74,817	9,925,532	14,756	12,807	684,976	11,733,916
1993	338,551	6,227	80,482	610,123	76,657	9,925,532	15,124	12,807	684,976	11,750,479
1994	338,551	6,227	82,105	619,494	77,936	9,925,532	15,397	12,807	684,976	11,763,025
1995	338,551	6,227	83,398	626,231	78,890	9,925,532	15,608	12,807	684,976	11,772,220
1996	313,145	6,227	87,367	635,384	80,221	9,584,311	15,961	12,807	684,976	11,420,400
1997	313,145	6,227	90,231	639,177	80,707	9,514,790	16,133	12,807	684,976	11,358,192
1998	313,144	6,227	92,940	652,602	82,732	9,262,762	16,588	12,807	684,976	11,124,779
1999	313,144	6,227	94,237	659,509	83,778	9,262,762	16,823	12,807	684,976	11,134,264
2000	313,144	6,227	95,750	667,629	85,008	8,612,517	17,096	12,807	684,976	10,495,155
2001	313,144	6,227	96,315	670,255	85,354	8,471,657	17,172	12,807	684,976	10,357,906
2002	336,904	6,227	96,772	672,352	85,648	8,471,657	17,237	12,807	643,348	10,342,951
2003	336,904	6,227	97,882	681,983	87,121	8,471,657	17,536	12,807	640,973	10,353,090
2004	336,904	6,227	98,185	684,250	87,449	8,458,771	47,283	12,807	552,521	10,284,397
2005	336,904	6,227	98,434	686,336	87,746	8,458,771	47,346	12,807	552,521	10,287,091
2006	336,904	6,227	99,039	692,288	88,653	8,458,771	49,341	12,807	550,711	10,294,741
2007	336,904	6,227	99,161	694,170	88,828	8,458,771	49,377	12,807	550,711	10,296,956
2008	336,904	6,227	99,425	696,491	89,095	8,458,771	49,432	12,807	550,711	10,299,863
2009	336,904	6,227	100,163	703,240	90,159	8,458,771	49,650	12,807	550,711	10,308,632
2010	295,832	6,227	100,376	706,426	90,427	8,273,297	49,704	12,807	509,156	10,044,253
2011	295,832	6,227	102,805	710,984	90,907	8,273,297	49,877	12,807	509,156	10,051,892
2012	295,832	6,227	106,293	715,917	91,573	8,273,297	50,120	12,807	509,156	10,061,222
2013	295,832	6,227	107,943	722,275	92,412	8,273,297	50,314	12,807	509,156	10,070,262
2014	284,138	6,227	110,284	749,908	96,238	8,273,297	51,104	12,807	500,543	10,084,546
2015	266,537	6,227	114,145	713,312	91,000	8,273,297	52,054	12,807	500,543	10,029,922
2016	266,537	6,227	112,819	677,689	85,946	8,273,297	52,677	12,807	500,543	9,988,542
2017	266,537	6,227	105,267	605,882	72,146	8,273,297	53,503	12,807	500,543	9,896,209
2018	266,537	6,227	91,723	540,177	63,008	8,273,297	45,384	12,807	500,543	9,799,702
2019	266,537	6,227	96,901	537,007	67,458	8,273,297	46,527	12,807	500,543	9,807,305
2020	243,067	6,227	104,766	553,586	73,370	8,273,297	47,809	12,807	500,543	9,815,472
2021	243,067	6,227	119,834	600,416	82,662	8,273,297	49,856	12,807	500,543	9,888,709
2022	268,474	6,227	138,816	724,593	101,172	8,673,400	53,270	12,807	500,543	10,479,302
2023	268,474	6,227	163,850	851,096	119,426	8,673,400	57,246	12,807	500,543	10,653,068
2024	268,474	6,227	204,761	1,037,206	139,447	8,673,400	61,849	12,807	500,543	10,904,714
2025	268,474	6,227	204,199	1,034,893	139,306	8,673,400	61,807	12,807	500,543	10,901,655
2026	268,474	6,227	203,931	1,033,036	139,117	8,673,400	61,766	12,807	500,543	10,899,301
2027	268,474	6,227	203,289	1,030,332	138,831	8,673,400	61,704	12,807	500,543	10,895,607
2028	268,474	6,227	200,855	1,028,474	138,640	8,673,400	61,599	12,807	500,543	10,891,019
2029	268,474	6,227	200,540	1,025,713	138,305	8,673,400	61,533	12,807	500,543	10,887,542
2030	268,474	6,227	200,252	1,022,969	137,968	8,673,400	61,462	12,807	500,543	10,884,102
2031	268,474	6,227	198,665	1,006,576	136,026	8,673,400	61,053	12,807	500,543	10,863,771
2032	268,474	6,227	198,655	1,008,856	136,089	8,673,400	61,067	12,807	500,543	10,866,117
2033	268,474	6,227	198,318	1,004,614	135,419	8,673,400	60,934	12,807	500,543	10,860,737
2034	268,474	6,227	197,701	998,988	134,713	8,673,400	60,785	12,807	500,543	10,853,638
2035	268,474	6,227	196,972	991,104	133,553	8,673,400	60,549	12,807	500,543	10,843,631
TOTAL	18,023,894	413,058	7,273,728	45,356,929	5,831,996	511,304,211	2,206,706	792,741	34,294,398	625,497,661

¹ Unadjusted for prior overpayments or underpayments of charges.
² Determined at the current Project Interest Rate of 4.610 percent per annum.
³ Reflects the transfers of permanent aqueduct capacity among contractors.
⁴ 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)

1,2,3

Calendar Year	SOUTHERN CALIFORNIA AREA									
	AVEK	Coachella	Crestline	Desert	Littlerock	Mojave	Palmdale	San Bernardino	San Gabriel	San Geronio
	[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	322,186	87,293	729,849	194,527	120,094
1969	1,003,797	318,583	57,301	368,426	17,249	485,639	127,219	1,136,415	302,649	187,059
1970	1,312,832	451,031	84,796	520,243	23,427	676,238	171,297	1,691,461	443,708	275,010
1971	1,581,850	595,102	120,210	700,914	28,845	895,402	208,821	2,394,083	619,778	385,025
1972	1,720,363	671,098	137,454	795,465	31,306	1,015,731	226,497	2,808,504	720,983	448,055
1973	1,772,377	696,065	142,143	825,044	32,281	1,055,313	233,340	2,945,564	756,530	470,185
1974	1,791,355	707,278	146,331	839,031	32,602	1,070,289	235,688	3,035,230	777,084	483,259
1975	1,815,881	724,295	150,105	861,611	33,017	1,100,945	238,700	3,117,604	798,777	496,722
1976	1,829,760	736,112	152,796	878,290	33,269	1,122,996	240,431	3,195,714	819,552	509,650
1977	1,842,615	744,718	154,692	890,124	33,485	1,139,418	242,010	3,244,723	832,585	517,741
1978	1,853,320	750,463	156,009	898,031	33,676	1,151,146	243,377	3,274,845	840,506	522,656
1979	1,869,355	756,140	157,141	904,987	33,943	1,161,821	245,346	3,296,693	846,199	526,178
1980	1,888,324	762,012	158,251	912,220	34,247	1,173,020	247,607	3,317,247	851,720	529,583
1981	1,987,339	796,384	164,015	950,529	35,899	1,225,689	259,877	3,421,183	879,634	546,787
1982	1,978,809	789,720	163,563	945,667	35,768	1,220,142	258,879	3,413,856	877,416	545,445
1983	2,061,590	809,319	167,582	991,692	37,104	1,255,810	268,895	3,486,248	897,190	557,607
1984	2,171,231	834,564	173,473	1,006,034	38,871	1,296,933	282,134	3,594,542	926,815	575,830
1985	2,251,676	851,720	177,807	1,031,452	40,260	1,330,729	291,738	3,673,311	948,379	589,089
1986	2,299,323	863,875	180,992	1,049,921	40,927	1,364,424	297,214	3,730,198	963,927	598,648
1987	2,344,046	876,261	183,970	1,068,826	41,390	1,381,384	301,992	3,783,895	978,588	607,664
1988	2,362,143	885,509	186,235	1,083,080	41,677	1,401,058	304,089	3,824,257	989,568	614,418
1989	2,376,030	889,631	187,412	1,088,857	41,852	1,409,365	305,475	3,846,509	995,456	618,059
1990	2,432,706	912,986	192,472	1,118,024	42,727	1,447,925	312,010	3,918,238	1,014,854	629,934
1991	2,469,661	932,659	197,604	1,147,282	43,112	1,484,360	315,536	3,997,480	1,036,359	643,118
1992	2,514,880	953,475	203,996	1,179,589	43,744	1,523,854	320,432	4,102,102	1,064,912	660,626
1993	2,549,874	969,784	210,989	1,203,773	44,253	1,551,540	324,519	4,213,571	1,095,444	679,343
1994	2,585,113	983,985	220,171	1,223,934	44,800	1,571,681	328,488	4,420,076	1,151,617	714,062
1995	2,611,217	992,587	225,248	1,236,069	45,193	1,584,240	331,367	4,547,097	1,186,123	735,431
1996	2,637,094	1,001,843	229,526	1,248,440	45,599	1,597,963	334,344	4,654,140	1,215,084	753,590
1997	2,654,359	1,010,118	232,003	1,258,944	45,868	1,610,763	336,316	4,888,049	1,268,666	827,511
1998	2,679,335	1,017,568	233,373	1,268,786	46,279	1,636,494	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	1,643,923	341,005	5,428,405	1,307,788	1,138,711
2000	2,708,447	1,028,194	237,960	1,283,376	46,776	1,654,825	340,463	5,983,155	1,321,137	1,923,803
2001	2,716,761	1,032,076	239,333	1,288,723	46,930	1,661,775	340,667	7,451,923	1,330,966	3,621,868
2002	2,742,479	1,035,440	240,242	1,293,682	47,103	1,668,285	340,941	9,414,983	1,336,562	5,920,111
2003	2,754,417	1,038,552	241,001	1,297,752	47,280	1,674,046	340,376	10,423,259	1,344,434	7,081,362
2004	2,759,153	1,039,222	241,460	1,300,295	47,354	1,677,603	340,995	10,850,329	1,347,676	7,569,753
2005	2,764,265	6,719,937	241,849	2,061,704	47,442	2,181,228	411,711	11,074,072	1,350,250	7,818,101
2006	2,778,937	6,788,944	242,717	2,075,530	47,688	2,189,155	413,758	11,170,547	1,354,649	7,907,533
2007	2,800,735	6,918,223	244,290	2,099,752	48,040	2,202,442	416,955	11,381,474	1,361,754	8,119,096
2008	2,817,874	7,043,020	245,693	2,122,376	48,330	2,213,299	419,470	11,611,349	1,368,660	8,364,837
2009	2,828,370	7,134,821	249,637	2,141,770	48,511	2,219,476	420,877	11,962,711	1,385,750	8,703,875
2010	2,868,275	7,528,911	253,621	2,244,651	49,160	2,288,497	426,734	12,482,540	1,403,681	9,225,863
2011	2,913,882	7,703,190	257,857	2,288,574	49,889	2,324,456	433,353	13,108,796	1,422,953	9,887,619
2012	2,939,075	7,850,972	261,954	2,332,917	50,285	2,362,406	436,864	14,087,863	1,442,809	10,965,602
2013	2,924,802	8,038,359	268,157	2,381,008	50,643	2,415,140	439,617	15,596,558	1,461,146	12,672,886
2014	2,974,247	8,355,912	270,396	2,454,969	50,602	2,438,384	439,079	20,417,711	1,488,291	18,254,774
2015	2,984,864	8,510,149	272,383	2,487,785	50,858	2,473,467	440,766	24,837,268	1,504,811	23,415,183
2016	2,969,873	9,028,935	272,470	2,559,882	50,731	2,477,968	439,954	27,271,982	1,508,458	26,280,245
2017	2,874,154	9,957,779	267,081	2,655,468	49,066	2,436,334	427,739	30,012,634	1,484,713	29,609,693
2018	2,679,830	10,207,395	255,403	2,625,336	45,697	2,319,419	399,632	30,737,629	1,421,816	30,708,495
2019	2,465,892	10,170,854	242,578	2,543,087	41,883	2,170,482	367,040	30,998,351	1,351,423	31,288,528
2020	2,246,562	9,988,089	223,742	2,416,005	37,180	2,009,285	328,213	30,631,520	1,252,499	31,245,495
2021	2,095,234	9,868,263	204,760	2,292,339	33,755	1,826,457	300,805	30,245,869	1,162,035	31,135,580
2022	2,215,001	9,856,030	206,484	2,298,705	35,703	1,838,548	315,247	30,398,492	1,198,482	31,181,580
2023	2,414,605	10,339,037	219,252	2,434,479	38,970	1,952,130	341,808	30,642,837	1,262,366	31,224,764
2024	2,835,168	11,724,863	241,812	2,755,533	45,860	2,204,214	401,042	31,134,833	1,386,752	31,320,803
2025	2,810,642	11,609,609	238,037	2,719,684	45,445	2,172,444	397,466	31,052,459	1,365,059	31,307,339
2026	2,796,763	11,505,740	235,347	2,690,571	45,193	2,149,727	395,447	30,974,350	1,344,284	31,294,411
2027	2,783,908	11,429,388	233,451	2,669,585	44,977	2,133,289	393,635	30,925,341	1,331,251	31,286,321
2028	2,773,203	11,392,171	232,134	2,657,427	44,785	2,122,428	392,118	30,895,218	1,323,330	31,281,405
2029	2,757,168	11,359,841	231,002	2,646,871	44,519	2,112,042	389,905	30,873,370	1,317,637	31,277,884
2030	2,738,199	11,333,254	229,892	2,636,840	44,215	2,101,143	387,392	30,852,816	1,312,116	31,274,479
2031	2,639,184	11,194,643	224,128	2,584,452	42,563	2,039,147	373,229	30,748,880	1,284,202	31,257,274
2032	2,647,713	11,207,446	224,580	2,590,143	42,694	2,050,375	374,862	30,756,208	1,286,420	31,258,617
2033	2,564,933	11,125,915	220,561	2,555,752	41,358	2,012,964	364,196	30,683,815	1,266,646	31,246,455
2034	2,455,292	11,013,359	214,670	2,509,617	39,591	1,964,886	350,207	30,575,522	1,237,021	31,228,232
2035	2,374,847	10,929,433	210,336	2,475,180	38,202	1,931,202	340,310	30,496,752	1,215,457	31,214,973
TOTAL	164,914,170	328,819,566	14,105,677	113,775,140	2,824,493	119,456,456	22,930,286	925,937,530	77,678,032	788,217,965

1 Unadjusted for prior overpayments or underpayments of charges.
 2 Determined at the current Project Interest Rate of 4.610 percent per annum.
 3 Reflects the transfers of permanent aqueduct capacity among contractors.

TABLE B-15 Capital Cost Component of Transportation Charge for Each Contractor (in dollars) ^{1,2,3}

Calendar Year	SOUTHERN CALIFORNIA AREA (continued)				FEATHER RIVER AREA				South Bay Area Future Contractor	Grand Total
	Santa Clarita ⁵	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	421,199	14,345,147	133,299	17,546,083	0	0	564	564	0	21,207,541
1969	626,495	21,857,456	202,599	26,690,887	0	0	3,191	3,191	0	31,439,058
1970	784,016	28,992,595	257,859	35,684,512	0	0	15,121	15,121	0	40,723,886
1971	952,221	37,242,413	316,307	46,040,971	0	0	15,947	15,947	0	51,529,726
1972	1,064,115	44,062,125	353,935	54,055,631	0	0	17,332	17,332	0	60,777,413
1973	1,079,720	46,299,581	357,342	56,665,483	0	0	17,333	17,333	0	63,386,742
1974	1,127,346	48,322,678	372,112	58,940,283	0	0	17,334	17,334	0	66,221,954
1975	1,143,611	49,285,084	376,511	60,142,863	0	0	17,337	17,337	0	68,150,249
1976	1,157,092	50,137,295	380,788	61,193,743	0	0	17,338	17,338	0	69,295,592
1977	1,171,315	50,827,166	385,097	62,025,690	0	0	17,340	17,340	0	70,497,379
1978	1,191,800	51,426,581	390,742	62,733,152	0	0	17,342	17,342	0	71,739,741
1979	1,217,274	52,230,344	399,649	63,645,069	0	0	17,344	17,344	0	73,223,710
1980	1,266,660	53,637,412	417,136	65,195,438	0	0	17,345	17,345	0	75,300,675
1981	1,358,941	56,667,437	449,812	68,743,526	0	0	17,346	17,346	0	79,502,987
1982	1,391,677	57,465,063	461,234	69,547,238	0	0	17,348	17,348	0	80,824,149
1983	1,437,429	59,037,472	477,333	71,465,272	0	0	17,348	17,348	0	82,966,045
1984	1,465,155	60,313,580	486,863	73,166,023	0	0	17,349	17,349	0	85,523,537
1985	1,481,848	61,144,629	492,117	74,304,754	0	0	17,351	17,351	0	87,378,998
1986	1,491,551	61,666,346	494,977	75,042,324	0	0	17,352	17,352	0	89,260,046
1987	1,498,566	62,094,710	496,758	75,658,050	0	0	17,354	17,354	0	92,183,245
1988	1,505,541	62,452,912	498,619	76,149,108	0	0	17,355	17,355	0	94,315,575
1989	1,515,672	62,796,236	501,579	76,572,134	0	0	17,358	17,358	0	95,566,830
1990	1,539,471	63,762,459	509,566	77,833,372	0	0	17,360	17,360	0	97,324,466
1991	1,559,118	64,677,355	516,147	79,019,791	0	0	17,364	17,364	0	98,913,524
1992	1,580,364	65,776,353	523,154	80,447,481	0	0	17,367	17,367	0	100,647,373
1993	1,599,371	66,905,041	529,383	81,876,886	0	0	17,369	17,369	0	102,352,143
1994	1,617,193	68,486,622	535,055	83,882,797	0	0	17,370	17,370	0	105,125,984
1995	1,626,153	69,373,540	537,812	85,032,076	0	0	17,371	17,371	0	109,053,900
1996	1,642,161	70,251,056	541,753	86,152,593	0	0	17,371	17,371	0	118,995,912
1997	1,653,548	71,530,953	544,467	87,861,565	0	0	17,371	17,371	0	129,288,904
1998	1,667,435	72,283,436	548,490	89,622,144	0	0	0	0	0	133,127,599
1999	1,678,820	72,917,423	552,184	90,960,187	0	0	0	0	0	135,127,475
2000	2,832,777	73,432,162	555,279	93,914,354	0	0	0	0	0	138,230,570
2001	2,838,718	73,741,965	556,658	97,435,363	0	0	0	0	0	142,541,255
2002	2,842,011	73,915,736	557,417	101,922,994	0	0	0	0	0	147,186,544
2003	2,850,526	74,256,539	559,749	104,479,293	0	0	17,375	17,375	0	150,290,859
2004	2,853,749	74,601,782	560,566	105,819,939	0	0	17,375	17,375	0	152,048,502
2005	2,857,678	74,999,909	561,532	106,589,677	0	0	17,375	17,375	0	153,495,731
2006	2,868,430	75,876,841	564,172	107,278,902	0	0	17,375	17,375	0	154,751,262
2007	2,894,041	76,605,880	569,809	108,662,491	0	0	17,376	17,376	0	157,175,646
2008	2,912,700	77,216,830	573,969	109,958,408	0	0	17,376	17,376	0	161,082,215
2009	2,928,523	77,888,202	577,886	111,490,409	0	0	17,376	17,376	0	165,947,784
2010	2,964,908	78,113,606	585,961	114,436,509	0	0	17,376	17,376	0	170,841,214
2011	3,001,181	78,157,328	593,207	117,142,287	0	0	17,376	17,376	0	177,053,376
2012	3,022,572	78,889,550	597,040	120,239,907	0	0	17,376	17,376	0	183,121,673
2013	3,036,062	74,246,181	600,058	124,130,616	0	0	17,376	17,376	0	188,630,542
2014	3,034,318	75,377,648	598,659	136,154,990	0	0	17,376	17,376	0	201,564,333
2015	3,045,694	75,924,413	599,714	146,547,354	0	0	16,972	16,972	0	212,113,665
2016	3,044,160	76,770,426	596,604	153,271,688	0	0	16,812	16,812	0	219,359,848
2017	2,975,161	77,008,225	579,080	160,337,128	0	0	16,814	16,814	0	226,576,443
2018	2,743,034	72,892,965	526,626	157,563,277	0	0	16,812	16,812	0	223,447,433
2019	2,532,074	68,369,036	476,334	153,017,561	0	0	14,185	14,185	0	218,976,597
2020	2,398,181	64,607,452	443,640	147,827,662	0	0	2,256	2,256	0	214,101,709
2021	2,283,715	61,682,656	416,711	143,548,178	0	0	1,429	1,429	0	210,423,127
2022	2,310,077	62,707,397	426,410	144,988,155	0	0	44	44	0	214,250,605
2023	2,531,499	69,268,598	479,128	153,149,472	0	0	43	43	0	225,043,785
2024	2,816,223	78,031,396	544,788	165,443,287	0	0	42	42	0	239,685,146
2025	2,798,359	77,180,496	540,390	164,237,430	0	0	40	40	0	238,451,411
2026	2,780,111	76,432,772	536,113	163,180,829	0	0	39	39	0	237,374,295
2027	2,761,600	75,819,796	531,803	162,344,344	0	0	36	36	0	236,508,031
2028	2,733,764	75,256,107	526,158	161,630,248	0	0	35	35	0	235,749,824
2029	2,695,451	74,482,595	517,252	160,705,537	0	0	33	33	0	234,789,481
2030	2,618,237	73,099,041	499,764	159,127,386	0	0	32	32	0	233,162,206
2031	2,475,184	70,187,334	467,088	155,517,308	0	0	30	30	0	229,434,766
2032	2,423,679	69,382,741	455,667	154,701,143	0	0	29	29	0	228,601,302
2033	2,351,128	67,880,629	439,567	152,753,918	0	0	28	28	0	226,568,953
2034	2,308,891	66,703,626	430,037	151,030,949	0	0	27	27	0	224,647,211
2035	2,287,170	65,948,365	424,783	149,887,010	0	0	26	26	0	223,154,391
TOTAL	141,556,994	4,380,450,519	33,239,025	7,113,905,855	0	0	781,778	781,778	0	9,904,348,990

¹ Unadjusted for prior overpayments or underpayments of charges.

² Determined at the current Project Interest Rate of 4.610 percent per annum.

³ Reflects the transfers of permanent aqueduct capacity among contractors.

⁵ 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
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]
1961	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	9,699	8,868	21,132	39,699	0	0	0
1963	0	0	0	38,048	34,788	82,896	155,732	0	0	0
1964	0	0	0	41,148	38,323	91,320	170,791	0	0	0
1965	0	0	0	78,529	75,616	195,793	349,937	0	0	0
1966	0	0	0	79,753	78,779	218,543	377,076	0	0	0
1967	0	0	0	127,896	123,667	335,224	586,787	0	0	0
1968	130	0	130	126,058	120,563	333,506	580,128	11,800	21,770	33,571
1969	80,875	0	80,875	145,411	138,050	372,585	656,046	63,113	116,435	179,548
1970	94,872	0	94,872	128,993	120,245	320,664	569,902	74,187	136,867	211,054
1971	45,579	0	45,579	113,071	108,346	296,004	517,421	74,011	136,541	210,552
1972	37,895	0	37,895	122,407	117,483	334,366	574,256	79,196	146,107	225,303
1973	32,993	0	32,993	122,738	116,785	325,726	565,250	75,714	139,683	215,398
1974	46,498	0	46,498	154,435	146,929	403,080	704,444	76,530	141,189	217,719
1975	37,707	0	37,707	189,175	182,087	513,823	885,086	92,605	170,845	263,450
1976	60,786	0	60,786	203,064	193,435	524,813	921,312	94,935	175,144	270,079
1977	78,400	0	78,400	179,869	169,065	500,101	849,035	102,945	189,922	292,867
1978	56,318	0	56,318	239,301	228,855	647,828	1,115,984	104,060	191,978	296,038
1979	73,852	0	73,852	236,986	232,105	666,742	1,135,833	100,748	185,868	286,617
1980	81,769	0	81,769	389,575	372,185	1,010,830	1,772,591	126,328	233,105	359,433
1981	101,340	0	101,340	317,408	302,272	834,257	1,453,937	140,208	258,712	398,920
1982	191,987	0	191,987	386,742	369,633	1,098,844	1,855,219	142,045	262,101	404,146
1983	80,215	0	80,215	438,536	428,973	1,269,373	2,136,882	171,001	315,523	486,524
1984	106,485	0	106,485	591,243	565,721	1,817,629	2,974,593	201,768	372,284	574,052
1985	215,341	0	215,341	674,975	655,490	1,840,211	3,170,677	242,935	448,233	691,167
1986	203,704	0	203,704	613,273	583,077	1,784,056	2,980,407	233,000	429,904	662,905
1987	295,505	0	295,505	687,629	652,468	2,000,817	3,340,914	230,484	463,838	694,322
1988	312,677	(58)	312,619	676,847	655,274	1,910,092	3,242,213	258,807	561,030	819,837
1989	403,330	688,185	1,091,515	716,831	712,354	1,897,149	3,326,335	244,772	668,476	913,248
1990	658,942	674,944	1,333,886	782,589	780,305	2,129,966	3,692,860	310,222	677,025	987,247
1991	726,717	860,903	1,587,620	543,178	524,741	1,520,569	2,588,488	302,369	673,858	976,227
1992	483,580	712,313	1,195,893	796,058	855,050	2,253,496	3,904,605	346,220	736,477	1,082,698
1993	524,000	708,129	1,232,129	1,280,736	1,261,431	3,338,742	5,880,908	386,060	734,138	1,120,197
1994	573,814	658,274	1,232,087	1,368,665	1,312,746	3,560,310	6,241,720	481,022	888,287	1,369,309
1995	539,407	660,770	1,200,177	1,232,272	1,187,201	3,216,470	5,635,943	477,929	881,323	1,359,251
1996	604,992	1,011,298	1,616,291	1,185,220	1,124,968	3,007,330	5,317,518	649,161	1,197,179	1,846,340
1997	563,579	741,881	1,305,460	1,029,670	968,999	2,667,649	4,666,319	606,652	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	605,763	995,604	1,601,367	1,226,160	1,267,416	5,086,852	7,580,428	788,275	3,087,473	3,875,748
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	3,288,262	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	775,551	1,515,578	2,291,129	3,227,789	1,569,976	4,009,541	8,807,307	828,262	3,591,135	4,419,396
2008	1,053,328	1,425,675	2,479,003	3,632,691	1,768,813	4,489,982	9,891,486	1,250,663	5,329,293	6,579,955
2009	1,122,116	1,794,992	2,917,108	3,283,890	1,489,943	4,215,097	8,988,929	1,108,731	4,705,507	5,814,237
2010	1,192,509	3,193,258	4,385,767	3,136,151	1,537,941	4,235,609	8,909,701	1,410,863	6,257,901	7,668,764
2011	1,571,203	3,660,267	5,231,470	3,520,180	1,698,289	4,536,998	9,755,467	1,450,158	6,575,392	8,025,550
2012	2,065,437	3,562,774	5,628,211	3,711,511	1,772,372	6,749,427	12,233,310	1,443,013	7,245,884	8,688,898
2013	1,508,323	3,071,700	4,580,023	4,220,278	1,993,388	5,971,455	12,185,121	1,690,766	8,790,557	10,481,323
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	1,850,845	2,896,103	4,746,948	5,879,444	2,251,284	10,321,972	18,452,701	2,263,857	14,504,135	16,767,992
2018	2,698,918	3,730,799	6,429,717	7,718,752	2,842,980	10,042,834	20,604,566	2,383,446	13,340,636	15,724,082
2019	2,404,572	3,196,575	5,601,147	7,096,052	2,594,360	7,269,174	16,959,585	2,035,651	10,539,824	12,575,475
2020	3,886,973	3,876,000	7,762,974	7,381,643	2,684,561	7,399,649	17,465,852	2,177,558	10,783,605	12,961,162
2021	4,439,536	5,158,306	9,597,843	9,413,187	3,460,318	9,592,961	22,466,466	2,344,966	11,378,211	13,723,176
2022	3,816,927	4,555,873	8,372,799	7,883,212	2,871,457	8,181,806	18,936,475	2,317,040	11,235,618	13,552,658
2023	3,184,251	3,831,848	7,016,099	7,499,023	2,723,449	7,802,308	18,024,780	2,314,039	11,321,076	13,635,115
2024	3,834,121	4,531,562	8,365,683	8,298,946	3,023,145	8,550,360	19,872,451	2,333,455	11,397,191	13,730,646
2025	3,872,462	4,576,877	8,449,339	8,381,936	3,053,377	8,635,864	20,071,176	2,356,789	11,511,163	13,867,953
2026	3,911,187	4,622,646	8,533,833	8,465,755	3,083,910	8,722,223	20,271,889	2,380,357	11,626,275	14,006,632
2027	3,950,299	4,668,873	8,619,172	8,550,412	3,114,749	8,809,445	20,474,606	2,404,161	11,742,538	14,146,699
2028	3,989,802	4,715,562	8,705,364	8,635,917	3,145,897	8,897,539	20,679,352	2,428,202	11,859,963	14,288,165
2029	4,029,699	4,762,717	8,792,416	8,722,276	3,177,356	8,986,515	20,886,146	2,452,485	11,978,563	14,431,048
2030	4,069,996	4,810,344	8,880,340	8,809,499	3,209,130	9,076,380	21,095,008	2,477,009	12,098,348	14,575,358
2031	4,110,697	4,858,447	8,969,144	8,897,594	3,241,221	9,167,144	21,305,958	2,501,779	12,219,332	14,721,111
2032	4,151,804	4,907,032	9,058,836	8,986,569	3,273,633	9,258,814	21,519,017	2,526,797	12,341,525	14,868,322
2033	4,193,322	4,956,103	9,149,424	9,076,435	3,306,369	9,351,403	21,734,208	2,552,065	12,464,941	15,017,006
2034	4,235,256	5,005,663	9,240,919	9,167,200	3,339,433	9,444,917	21,951,550	2,577,586	12,589,590	15,167,176
2035	4,277,607	5,055,720	9,333,327	9,258,872	3,372,827	9,539,366	22,171,065	2,603,362	12,715,486	15,318,848
TOTAL	102,438,768	135,718,737	238,157,506	243,968,426	102,260,783	311,140,197	657,369,406	73,349,992	337,413,807	410,763,799

TABLE B-16A Minimum OMP&R Component of Transportation 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]
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	377,156	20,793	272,057	962,625	10,908,175	21,266	21,567	829,117	13,412,755
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	1,064,631	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	526,638	26,707	234,971	1,268,212	11,676,926	82,393	27,121	863,603	14,706,572
2008	627,248	32,334	372,161	1,529,342	15,123,628	101,726	32,601	1,039,299	18,858,338
2009	514,796	26,167	337,170	1,264,182	12,740,240	83,940	26,765	845,444	15,838,703
2010	500,901	29,103	406,670	1,318,223	13,166,433	94,388	27,725	869,462	16,412,906
2011	602,412	35,279	403,873	1,641,938	15,524,215	111,582	39,512	1,051,322	19,410,133
2012	570,865	33,341	361,581	1,611,475	15,259,987	104,093	31,094	994,405	18,966,841
2013	650,841	38,140	411,668	1,713,683	16,643,645	118,114	30,974	1,136,300	20,743,366
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	580,265	37,870	375,877	1,616,141	15,897,340	115,910	42,342	1,108,561	19,774,306
2018	659,926	43,154	525,790	1,825,078	18,970,494	135,356	47,234	1,262,486	23,469,518
2019	722,163	46,835	505,293	2,075,817	20,998,689	145,270	52,570	1,373,635	25,920,271
2020	750,385	52,512	573,612	2,281,568	23,177,139	164,586	56,275	1,547,840	28,603,918
2021	737,828	51,972	632,124	2,325,470	23,887,557	164,565	56,344	1,528,836	29,384,696
2022	802,341	51,242	624,889	2,269,776	24,497,726	162,159	54,241	1,506,546	29,968,919
2023	796,283	50,868	628,110	2,163,191	24,197,477	161,227	55,138	1,495,451	29,547,746
2024	812,645	51,874	634,658	2,227,476	24,805,422	164,277	55,793	1,525,381	30,277,526
2025	820,771	52,393	641,005	2,249,751	25,053,476	165,920	56,351	1,540,634	30,580,301
2026	828,979	52,917	647,415	2,272,249	25,304,010	167,579	56,915	1,556,041	30,886,104
2027	837,269	53,446	653,889	2,294,971	25,557,050	169,255	57,484	1,571,601	31,194,964
2028	845,641	53,981	660,428	2,317,921	25,812,621	170,947	58,059	1,587,317	31,506,914
2029	854,098	54,521	667,032	2,341,100	26,070,748	172,657	58,639	1,603,190	31,821,984
2030	862,639	55,066	673,702	2,364,511	26,331,455	174,383	59,226	1,619,222	32,140,204
2031	871,265	55,616	680,439	2,388,156	26,594,770	176,127	59,818	1,635,414	32,461,607
2032	879,978	56,173	687,244	2,412,038	26,860,716	177,888	60,416	1,651,768	32,786,221
2033	888,778	56,734	694,116	2,436,158	27,129,324	179,667	61,020	1,668,286	33,114,084
2034	897,665	57,302	701,057	2,460,520	27,400,617	181,464	61,631	1,684,969	33,445,225
2035	906,642	57,875	708,068	2,485,125	27,674,623	183,278	62,247	1,701,819	33,779,676
TOTAL	30,388,952	1,806,844	21,112,296	80,811,797	873,692,260	4,828,370	1,912,291	57,766,739	1,072,319,549

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

Sheet 3 of 4

Calendar Year	SOUTHERN CALIFORNIA AREA									
	AVEK	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	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	450,049	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	667,887
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	3,765,163	1,097,913	306,076	1,810,672	74,506	3,181,859	540,087	6,353,733	1,712,224	1,050,772
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	4,478,882	8,629,509	328,235	2,900,634	78,716	3,338,108	682,189	8,087,194	1,891,329	1,840,626
2008	4,922,517	9,719,225	371,893	3,294,948	81,956	4,109,281	745,685	9,319,195	2,038,175	2,499,489
2009	4,548,973	8,685,600	355,016	2,992,673	77,711	3,711,447	688,814	9,046,865	1,987,285	2,388,809
2010	4,158,247	9,299,804	360,128	3,204,041	73,294	3,783,317	622,773	8,929,821	1,962,387	2,577,734
2011	4,890,047	10,748,951	411,494	3,647,146	85,867	4,331,722	763,310	9,484,032	2,159,877	2,657,617
2012	5,437,105	11,282,622	454,518	3,926,082	97,144	4,573,436	834,224	10,766,373	2,363,846	2,639,447
2013	6,333,212	11,865,462	490,994	4,284,581	111,581	5,186,636	969,357	11,804,135	2,632,325	2,729,191
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	5,883,592	9,801,300	500,447	3,906,402	97,434	4,963,621	858,606	13,629,527	2,725,260	3,506,533
2018	6,441,226	14,754,526	521,051	4,636,197	108,199	5,328,537	946,367	15,039,279	2,914,065	4,150,276
2019	6,986,687	14,073,727	525,369	4,736,944	112,354	5,803,190	1,009,996	17,073,213	2,942,055	5,296,024
2020	6,960,215	16,180,474	570,681	5,080,811	108,765	6,133,528	993,259	17,574,176	3,246,999	5,462,842
2021	8,098,667	17,582,057	658,323	5,805,579	133,698	7,079,277	1,181,423	20,990,517	3,724,649	6,316,819
2022	8,066,779	17,255,903	652,647	5,705,310	133,001	6,975,988	1,175,331	20,523,125	3,681,988	6,160,689
2023	7,716,022	16,969,095	633,301	5,596,278	129,373	6,760,016	1,123,411	19,885,966	3,615,620	5,915,040
2024	7,952,336	17,441,709	651,057	5,759,413	133,344	6,953,403	1,158,750	20,609,038	3,710,827	6,181,676
2025	8,031,860	17,616,126	657,568	5,817,007	134,678	7,022,937	1,170,338	20,815,128	3,747,935	6,243,493
2026	8,112,178	17,792,287	664,144	5,875,177	136,024	7,093,167	1,182,041	21,023,279	3,785,414	6,305,928
2027	8,193,300	17,970,209	670,785	5,933,929	137,385	7,164,098	1,193,862	21,233,513	3,823,269	6,368,987
2028	8,275,233	18,149,912	677,493	5,993,268	138,758	7,235,739	1,205,800	21,445,848	3,861,501	6,432,677
2029	8,357,985	18,331,411	684,268	6,053,201	140,146	7,308,097	1,217,858	21,660,306	3,900,116	6,497,003
2030	8,441,565	18,514,725	691,111	6,113,733	141,548	7,381,178	1,230,037	21,876,908	3,939,117	6,561,973
2031	8,525,981	18,699,872	698,022	6,174,870	142,963	7,454,989	1,242,337	22,095,678	3,978,509	6,627,593
2032	8,611,241	18,886,871	705,002	6,236,619	144,393	7,529,539	1,254,761	22,316,635	4,018,294	6,693,870
2033	8,697,353	19,075,740	712,052	6,298,985	145,837	7,604,835	1,267,308	22,539,801	4,058,477	6,760,808
2034	8,784,326	19,266,497	719,172	6,361,975	147,295	7,680,883	1,279,981	22,765,200	4,099,061	6,828,417
2035	8,872,170	19,459,162	726,364	6,425,595	148,768	7,757,692	1,292,781	22,992,852	4,140,052	6,896,700
TOTAL	288,005,659	474,601,293	22,897,236	185,775,875	4,930,490	232,126,097	41,785,799	622,223,860	127,716,185	164,874,262

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

Calendar Year	SOUTHERN CALIFORNIA AREA (continued)				FEATHER RIVER AREA				South Bay Area Future Contractor	Grand Total
	Santa Clarita ¹	Metropolitan	Ventura	Total	Yuba City	Butte	Plumas	Total		
	[30]	[31]	[32]	[33]	[34]	[35]	[36]	[37]	[38]	[39]
1961	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	3,219	42,918
1963	0	0	0	0	0	0	0	0	12,626	168,358
1964	0	0	0	0	0	0	0	0	13,938	184,729
1965	0	0	0	0	0	0	0	0	28,937	378,874
1966	0	0	0	0	0	0	0	0	31,321	408,397
1967	0	0	0	0	0	0	0	0	47,718	634,505
1968	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	114,939,131
1998	2,050,254	80,540,695	608,294	102,766,204	0	0	0	0	465,095	129,072,817
1999	2,074,144	84,762,748	626,644	107,356,541	0	0	0	0	571,720	134,398,558
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	138,781,814
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	4,393,620	105,262,437	864,671	142,776,152	0	0	3,517	3,517	0	173,004,072
2008	5,290,135	113,696,305	982,288	157,071,092	0	0	5,035	5,035	0	194,884,910
2009	4,472,648	99,961,325	829,012	139,746,175	0	0	844	844	0	173,305,997
2010	4,300,764	98,237,283	792,067	138,301,660	0	0	1,062	1,062	0	175,679,860
2011	4,715,815	105,513,839	849,450	150,259,165	0	0	2,751	2,751	0	192,684,535
2012	5,145,774	118,333,861	954,982	166,809,416	0	0	1,092	1,092	0	212,327,767
2013	5,995,187	132,814,572	1,123,389	186,340,622	0	0	288	288	0	234,330,742
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	5,799,489	134,678,999	1,126,249	187,477,461	0	0	111	111	0	247,219,518
2018	6,057,100	140,346,901	1,102,698	202,346,422	0	0	47,578	47,578	0	268,621,882
2019	6,908,204	152,765,061	1,286,640	219,519,463	0	0	11,998	11,998	0	280,587,939
2020	7,476,567	169,923,246	1,396,161	241,107,724	0	0	211	211	0	307,901,840
2021	6,583,510	144,715,535	1,118,514	223,988,568	0	0	17,052	17,052	0	299,177,802
2022	8,609,019	204,610,733	1,657,522	285,208,035	0	0	13,886	13,886	0	356,052,773
2023	7,458,739	171,585,448	1,382,633	248,770,942	0	0	13,908	13,908	0	317,008,590
2024	7,568,247	174,215,476	1,400,085	253,735,363	0	0	15,098	15,098	0	325,996,768
2025	7,643,930	175,957,630	1,414,086	256,272,716	0	0	15,249	15,249	0	329,256,734
2026	7,720,369	177,717,205	1,428,227	258,835,440	0	0	15,402	15,402	0	332,549,299
2027	7,797,572	179,494,373	1,442,509	261,423,791	0	0	15,556	15,556	0	335,874,788
2028	7,875,548	181,289,321	1,456,935	264,038,034	0	0	15,712	15,712	0	339,233,542
2029	7,954,304	183,102,212	1,471,504	266,678,411	0	0	15,869	15,869	0	342,625,874
2030	8,033,847	184,933,236	1,486,219	269,345,196	0	0	16,027	16,027	0	346,052,133
2031	8,114,185	186,782,570	1,501,081	272,038,651	0	0	16,188	16,188	0	349,512,659
2032	8,195,327	188,650,394	1,516,092	274,759,036	0	0	16,350	16,350	0	353,007,782
2033	8,277,280	190,536,896	1,531,253	277,506,623	0	0	16,513	16,513	0	356,537,858
2034	8,360,053	192,442,266	1,546,565	280,281,692	0	0	16,678	16,678	0	360,103,239
2035	8,443,654	194,366,687	1,562,031	283,084,507	0	0	16,845	16,845	0	363,704,267
TOTAL	250,585,376	6,336,594,463	50,747,878	8,802,864,471	0	0	397,098	397,098	8,735,974	11,190,607,802

¹ 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^{1,2,3} (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	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	2,195	4,266	6,461	13,930	9,199	30,707	53,836	2,338	13,279	15,617
2020	2,254	4,447	6,701	14,426	9,726	32,411	56,563	2,427	13,596	16,023
2021	3,879	7,652	11,531	24,822	16,736	55,770	97,328	4,176	23,395	27,571
2022	4,958	9,782	14,740	31,729	21,394	71,289	124,412	5,338	29,906	35,244
2023	18,954	8,848	27,802	67,910	33,753	96,792	198,454	48,712	106,799	155,511
2024	10,219	4,771	14,990	36,614	18,198	52,186	106,998	26,424	57,582	84,005
2025	1,892	883	2,776	6,780	3,370	9,664	19,814	4,911	10,663	15,574
2026	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0	0	0
TOTAL	2,690,070	4,988,800	7,678,870	16,427,489	11,824,586	39,804,612	68,056,687	2,472,089	13,120,632	15,592,721

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

² 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.

³ 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^{1,2,3} (in dollars)

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	7,715	330	13,368	164,789	749	464	14,869	202,284
2020	8,141	345	14,344	171,798	779	492	15,483	211,382
2021	14,009	594	24,681	295,614	1,340	846	26,641	363,725
2022	17,907	759	31,549	377,875	1,713	1,082	34,055	464,940
2023	15,726	1,082	49,690	418,506	3,425	1,402	31,541	521,371
2024	8,479	583	26,791	225,641	1,847	756	17,005	281,102
2025	1,570	108	4,961	41,785	342	140	3,149	52,055
2026	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0
TOTAL	9,549,905	427,078	19,113,103	206,310,299	856,331	605,476	18,073,079	254,935,271

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

² 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.

³ 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^{1,2,3} (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	80,915	73,828	1,939	64,042	463	20,012	14,322	49,234	23,603	6,301
2020	84,198	77,648	2,069	68,300	476	20,314	14,855	48,035	24,108	5,495
2021	144,880	133,609	3,560	117,524	818	34,954	25,561	82,654	41,483	9,455
2022	185,196	170,788	4,551	150,228	1,046	44,680	32,674	105,654	53,026	12,086
2023	463,426	522,886	21,921	210,704	7,349	311,218	104,079	387,771	108,848	96,747
2024	249,875	281,918	11,819	113,603	3,962	167,796	56,115	209,070	58,686	52,162
2025	46,274	52,206	2,189	21,037	734	31,073	10,391	38,716	10,868	9,659
2026	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0	0	0
TOTAL	96,844,171	91,251,857	2,528,872	82,642,653	723,149	24,120,683	16,823,827	52,173,717	28,558,108	6,548,969

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

² 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.

³ 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^{1,2,3} (in dollars)

Sheet 4 of 4

Calendar Year	SOUTHERN CALIFORNIA AREA (continued)				FEATHER RIVER AREA				Total State Water Project
	Santa Clarita ⁴	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	46,927	1,617,666	4,133	2,003,385	0	0	0	0	2,281,583
2020	48,331	1,676,232	3,418	2,073,479	0	0	0	0	2,364,148
2021	83,163	2,884,303	5,881	3,567,845	0	0	0	0	4,068,000
2022	106,304	3,686,913	7,518	4,560,664	0	0	0	0	5,200,000
2023	290,764	6,502,589	68,560	9,096,861	0	0	0	0	10,000,000
2024	165,009	3,505,925	36,965	4,912,905	0	0	0	0	5,400,000
2025	30,557	649,233	6,845	909,781	0	0	0	0	1,000,000
2026	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0	0
TOTAL	54,140,798	1,873,932,284	3,499,110	2,333,788,198	0	0	0	0	2,680,051,747

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

² 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.

³ 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.

⁴ 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 ¹		South Bay and Del Valle Pumping Plants ²		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	5.3026984	9.4946293	8.9411156	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	11.3393522	12.6192952	17.5378585	19.8727176	27.1452671	7.2725495	7.2725495
2005	6.2825152	6.2825152	7.7243202	14.0068354	18.6455213	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	7.7729574	7.7729574	8.2251545	15.9981120	22.8302678	30.6032252	31.6892501	40.9364665	9.2472164	9.2472164
2008	7.7712063	7.7712063	10.0850134	17.8562197	22.0080859	29.7792922	28.6376013	41.0218578	12.3842566	12.3842566
2009	5.2307641	5.2307641	6.6759943	11.9067584	14.3566641	19.5664281	21.2200326	27.1252620	5.9052294	5.9052294
2010	6.0240210	6.0240210	8.7796927	14.8037137	16.7193335	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	40.7547865	10.2161412	10.2161412
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	8.1434086	8.1434086	12.7527497	20.8961584	22.6906268	30.8340354	43.3224098	56.9406160	13.6182063	13.6182063
2018	10.7474922	10.7474922	16.0100454	26.7575376	27.2749254	38.0224176	40.5927885	56.3865384	15.7937499	15.7937499
2019	10.7940478	10.7940478	15.0267386	25.8207864	28.0814874	38.8755352	34.0905610	48.8333635	14.7428025	14.7428025
2020	11.8494621	11.8494621	18.0140758	29.8635379	32.5097772	44.3592394	44.0903788	61.0842229	16.9938441	16.9938441
2021	11.8106199	11.8106199	9.7642406	21.5748605	29.8366223	41.6472422	52.5598319	98.9676503	46.4078184	46.4078184
2022	12.9407199	12.9407199	0.0000000	12.9407199	32.6977612	45.6384811	45.3914416	62.8209258	17.4294842	17.4294842
2023	15.1007589	15.1007589	0.0000000	15.1007589	38.1555683	53.2563272	46.7946645	63.8262615	17.0315969	17.0315969
2024	13.9663920	13.9663920	0.0000000	13.9663920	24.2109644	38.1773564	48.6778086	69.1348145	20.4570060	20.4570060
2025	13.9946227	13.9946227	0.0000000	13.9946227	24.2599311	38.2545538	48.7761937	62.1650771	13.3888834	13.3888834
2026	13.9937121	13.9937121	0.0000000	13.9937121	24.2583238	38.2520358	48.7729906	68.3878599	19.6148693	19.6148693
2027	13.9965308	13.9965308	0.0000000	13.9965308	24.2632032	38.2597340	48.7828490	59.6577276	10.8748786	10.8748786
2028	13.9911752	13.9911752	0.0000000	13.9911752	24.2539036	38.2450788	48.7641279	67.5323036	18.7681757	18.7681757
2029	13.9942324	13.9942324	0.0000000	13.9942324	24.2592423	38.2534747	48.7748411	69.8057278	21.0308867	21.0308867
2030	13.9942108	13.9942108	0.0000000	13.9942108	24.2591849	38.2533956	48.7747415	64.3536589	15.5789174	15.5789174
2031	13.9940156	13.9940156	0.0000000	13.9940156	24.2588404	38.2528560	48.7740693	67.3191583	18.5450890	18.5450890
2032	13.9942758	13.9942758	0.0000000	13.9942758	24.2592997	38.2535755	48.7749905	65.4927995	16.7178090	16.7178090
2033	13.9959454	13.9959454	0.0000000	13.9959454	24.2621699	38.2581153	48.7807578	66.8060375	18.0252797	18.0252797
2034	13.9908500	13.9908500	0.0000000	13.9908500	24.2533295	38.2441795	48.7630077	63.9318704	15.1688627	15.1688627
2035	13.9974415	13.9974415	0.0000000	13.9974415	24.2648106	38.2622520	48.8281413	75.6615893	26.8334480	26.8334480

¹ For the period 1968 through 1987, rates are for an interim facility.

² 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	Unit Rate	Cumulative Unit Rate	Unit Rate	Cumulative Unit Rate	Unit Rate	Cumulative Unit Rate	Unit Rate	Cumulative Unit Rate
	[11]	[12]	[13]	[14]	[15]	[16]	[17]	[18]	[19]	[20]
1961	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0
1968	1.0732031	2.6167353	0	0	0	0	0	0	0	0
1969	0.7028165	1.8095316	0	0	0	0	0	0	0	0
1970	0.7813430	1.7278778	0.3333333	2.0612111	0	0	0	0	0	0
1971	0.4125312	1.2933749	1.1407617	2.4341366	0.7218469	3.1559834	0	0	0	0
1972	0.5662758	1.4693754	0.8894941	2.3588694	0.8040021	3.1628715	1.8113853	4.9742569	7.3206022	12.2948591
1973	0.5996892	1.5383283	0.8469026	2.3852309	1.0302066	3.4154375	1.8458304	5.2612679	7.4512435	12.7125113
1974	0.5736894	1.4709300	0.8122890	2.2832190	0.9665911	3.2498101	1.7739395	5.0237496	6.9004732	11.9242227
1975	0.4606980	1.5569000	0.7554447	2.3123448	0.8894108	3.2017555	1.8682537	5.0700092	6.9962702	12.0662794
1976	0.5163828	1.7105095	0.9081491	2.6186586	0.9640628	3.5827214	2.1499640	5.7326854	7.9384515	13.6711369
1977	0.6138931	2.3818668	0.9835371	3.3654038	1.2303967	4.5958005	2.7357728	7.3315733	9.9990004	17.3305737
1978	0.4545898	2.0659925	0.9044582	2.9704506	0.9762058	3.9466564	1.8872449	5.8339014	7.0810192	12.9149206
1979	0.6587934	2.8008600	1.0519199	3.8527798	1.1976258	5.0504056	2.6012890	7.6516946	9.6345625	17.2862572
1980	0.8021465	2.1645280	1.3516057	3.5161337	1.5041463	5.0208200	3.1923433	8.2126233	10.9860288	19.1986521
1981	1.0923907	3.1630874	1.2409168	4.4040042	1.3219771	5.7259813	2.9592932	8.6852745	9.9649551	18.6502296
1982	0.8326785	2.5948359	1.2041660	3.7990019	1.3723736	5.1713756	2.8986491	8.0700247	10.2096358	18.2796606
1983	0.3647859	1.2105406	0.7590265	1.9695670	0.8857383	2.8553053	1.7623405	4.6176458	5.5086367	10.1262825
1984	0.6581523	1.8275691	1.0533611	2.8809302	1.2188270	4.0997572	2.5407768	6.6405340	8.2344665	14.8750006
1985	0.8726163	2.4771579	1.4204831	3.8976409	1.6516291	5.5492701	3.4695783	9.0188484	11.8181234	20.8369718
1986	1.3996542	4.7116618	2.3713282	7.0829901	2.7567970	9.8397871	5.9534613	15.7932484	20.6010240	36.3942724
1987	1.2912643	4.0351091	2.2344385	6.2695476	2.5459999	8.8155474	5.3141190	14.1296664	17.7628277	31.8924941
1988	1.1947837	3.8820886	2.1129991	5.9950877	2.4017135	8.3968012	5.0055748	13.4023759	16.6001692	30.0025452
1989	1.4935226	5.0158199	2.6947446	7.7105645	3.0084211	10.7189856	6.5499538	17.2689394	22.1795336	39.4484730
1990	1.8962463	6.0278216	3.3080372	9.3358588	3.7483036	13.0841624	8.6832678	21.7674302	31.0455219	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	-3.5828899	-4.2338132
1994	1.4208578	4.7103693	2.5100856	7.2204549	2.8029168	10.0233717	6.0772944	16.1006661	21.5000984	37.6007645
1995	0.7974861	2.8272569	1.3474564	4.1747133	1.4945529	5.6692662	3.1250716	8.7943378	10.7461772	19.5405149
1996	1.6726383	5.0173881	2.5952092	7.6125973	2.8425227	10.4551200	6.3087407	16.7638607	22.6420778	39.4059385
1997	1.2769880	4.2397005	2.5012144	6.7409148	2.6893394	9.4302542	6.2890095	15.7192637	23.0714697	38.7907334
1998	-0.2195574	-0.1013030	-0.4232465	-0.5245494	-0.4504610	-0.9750105	-1.0585256	-2.0335361	-3.8077856	-5.8413217
1999	0.8634492	3.2779311	1.4586807	4.7366118	1.3440477	6.0806594	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	6.0480000	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	13.3036118	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	35.6640435	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	4.5235888	13.7708052	8.0959250	21.8667302	8.7648333	30.6315634	20.3203176	50.9518811	68.7599408	119.7118218
2008	4.7891758	17.1734324	8.9151286	26.0885610	10.3636881	36.4522491	21.6290386	58.0812876	68.9957991	127.0770868
2009	3.0971133	9.0023427	5.6829687	14.6853114	6.2915516	20.9768629	13.8696395	34.8465025	63.6534319	98.4999344
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	70.7123833	122.6788660
2012	4.5884313	14.8045725	7.9553554	22.7599279	8.7048110	31.4647389	20.0475227	51.5122616	71.2771280	122.7893896
2013	5.5133566	18.3198486	9.6020369	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	218.0508374
2015	7.7933326	28.6022207	14.1501362	42.7523569	15.5598316	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	6.2769738	19.8951801	11.1321471	31.0273272	12.3607667	43.3880939	27.8119892	71.2000831	104.7566595	175.9567426
2018	6.4950171	22.2887670	11.9455270	34.2342940	13.2440142	47.4783082	29.9127412	77.3910495	112.5862207	189.9772701
2019	6.0874654	20.8302680	10.9234240	31.7536919	12.1220921	43.8757841	27.5106288	71.3864129	103.2599237	174.6463366
2020	6.8256704	23.8195145	10.5091297	34.3286441	13.5296191	47.8582632	30.8305990	78.6888622	114.6280134	193.3168756
2021	17.1864066	63.5942250	22.3931561	85.9873811	24.7499875	110.7373686	57.9651295	168.7024981	224.4503158	393.1528139
2022	6.9744774	24.4039616	12.8474923	37.2514539	13.7067539	50.9582077	31.5727193	82.5309270	117.4430779	199.9740049
2023	7.1622149	24.1938118	13.2245798	37.4183917	14.0869598	51.5053515	32.4251165	83.9304680	120.6014029	204.5318709
2024	8.4644096	28.9214155	15.2769534	44.1983690	16.5608815	60.7592504	38.4099445	99.1691949	142.8426902	242.0118851
2025	8.4937315	21.8826148	15.3406739	37.2232888	16.6316944	53.8549832	38.5756136	92.4305971	143.4644819	235.8950790
2026	8.3640797	27.9789490	15.0056863	42.9846352	16.2502083	59.2348435	37.6756653	96.9105088	140.0574138	236.9679226
2027	8.5139953	19.3888739	15.3925752	34.7814491	16.6907670	51.4722161	38.7149490	90.1871651	143.9919084	234.1790735
2028	8.4040461	27.1722218	15.1098019	42.2820236	16.3688528	58.6508765	37.9556098	96.6064863	141.1174457	237.7239320
2029	8.4811861	29.5120729	15.3082085	44.8202814	16.5947039	61.4149853	38.4883337	99.9033190	143.1339809	243.0372998
2030	8.3765036	23.9554210	15.0374015	38.9928224	16.2862646	57.2590871	37.7606748	93.0397619	140.3790447	233.4188066
2031	8.8080764	27.3531654	16.1733276	43.5264930	17.5838484	61.1103414	40.8251067	101.9354481	151.9941064	253.9295545
2032	8.1616650	24.8794740	14.4906508	39.3701247	15.6652410	55.0353657	36.2970064	91.3323721	134.8433384	226.1757105
2033	8.7982702	26.8235499	16.1459140	42.9694639	17.5522854	60.5217443	40.7503625	101.2721118	151.7099965	252.9821083
2034	8.2115933	23.3804561	14.6181465	37.9986025	15.8100423	53.8086448	36.6382604	90.4469052	136.1338798	226.5807850
2035	9.4082716	36.2417196	17.8397735	54.0814932	19.5052931	73.5867862	45.3780993	118.9648855	169.3133587	288.2782442

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	116.9308274	20.1415397	137.0723671	-6.1785168	130.8938504	-30.0961198	100.7977306
2008	-5.4028716	121.6742151	19.4997782	141.1739933	-6.0198040	135.1541893	-30.7631237	104.3910656
2009	-6.3446584	92.1552760	21.4425748	113.5978508	-5.4878092	108.1100416	-33.3163094	74.7937322
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	-29.9882569	101.1555419
2012	-2.7221204	120.0672692	21.0412588	141.1085280	-11.4254128	129.6831152	-30.6216868	99.0614284
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	165.8248859	30.8877789	196.7126648	-16.8845410	179.8281237	-30.2238617	149.6042621
2018	-7.9692616	182.0080085	33.3422532	215.3502617	-10.7765089	204.5737528	-30.6516186	173.9221342
2019	-5.9659854	168.6803511	30.3103146	198.9906657	-12.0064957	186.9841700	-29.7056642	157.2785059
2020	-13.9506239	179.3662518	34.9572057	214.3234574	-12.7608463	201.5626111	-30.0932162	171.4693950
2021	-12.7295895	380.4232245	50.4305941	430.8538185	-17.7786865	413.0751320	-29.9389315	383.1362005
2022	-9.5568640	190.4171409	35.0215071	425.4386480	-18.7596812	206.6789668	-31.4372377	175.2417292
2023	-9.5575299	194.9743410	35.9986763	230.9730173	-18.7394815	212.2335358	-31.4010736	180.8324622
2024	-11.8909190	230.1209661	39.2950382	269.4160043	-17.3969300	252.0190743	-30.4359622	221.5831121
2025	-12.2509873	223.6440917	40.7148298	264.3589215	-18.0119601	246.3469615	-30.3059782	216.0409833
2026	-11.9772473	224.9906754	39.6989535	264.6896289	-17.5470426	247.1425864	-30.5860468	216.5565395
2027	-12.1903401	221.9887334	40.4954040	262.4841374	-17.9086723	244.5754651	-30.4335380	214.1419270
2028	-12.0758111	225.6481208	40.0558841	265.7040049	-17.7140610	247.9899439	-30.6374706	217.3524733
2029	-12.1304800	230.9068198	40.2669950	271.1738148	-17.8068845	253.3669303	-30.3617508	223.0051794
2030	-12.0263875	221.3924191	39.8818798	261.2742989	-17.6302589	243.6440400	-30.4484268	213.1956131
2031	-12.4761690	241.4533855	41.5505097	283.0038952	-18.3968947	264.6070005	-30.5243329	234.0826676
2032	-11.6509408	214.5247696	38.4996344	253.0244040	-16.9971371	236.0272669	-29.8456288	206.1816381
2033	-12.5589741	240.4231342	41.8651110	282.2882452	-18.5390142	263.7492310	-31.2590658	232.4901652
2034	-11.8121792	214.7686058	39.0825247	253.8511305	-17.2682820	236.5828485	-29.7556756	206.8271729
2035	-12.6949161	275.5833281	42.3778795	317.9612076	-18.7730006	299.1882070	-31.5424404	267.6457666

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 ³		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	20.4837738	121.2815045	0.0000000	0.0000000	28.4303950	149.7118995	63.2274011	212.9393006
2008	16.8739520	121.2650176	0.0000000	0.0000000	23.8349468	145.0999644	7.1460269	152.2459912
2009	17.5479106	92.3416428	0.0000000	0.0000000	23.7727941	116.1144369	3.9676080	120.0820450
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	117.4269684	0.0000000	0.0000000	25.8843213	143.3112897	4.3752116	147.6865013
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	55.4822029	205.0864650	33.0810327	182.6852948	38.8882439	221.5735387	5.7619049	227.3354436
2018	1.8736076	175.7957418	54.6489226	228.5710568	43.1510324	271.7220892	3.5111963	275.2332855
2019	11.3188357	168.5973416	60.5085406	217.7870465	41.4646490	259.2516955	3.7125141	262.9642096
2020	91.7851469	263.2545419	36.2653445	207.7347395	45.8872852	253.6220247	6.7568479	260.3788726
2021	67.6707317	450.8069322	54.2481203	437.3843208	47.4829932	484.8673140	6.3877848	491.2550988
2022	0.0000000	175.2417292	55.0301541	230.2718833	48.4365125	278.7083958	8.2256262	286.9340220
2023	0.0000000	180.8324622	51.1885357	232.0209979	45.0610790	277.0820769	7.6149326	284.6970095
2024	0.0000000	221.5831121	60.9303468	282.5134589	53.5633911	336.0768500	9.5156069	345.5924569
2025	0.0000000	216.0409833	61.0534682	277.0944515	53.6716763	330.7661278	9.5347784	340.3009062
2026	0.0000000	216.5565395	61.0495183	277.6060578	53.6682081	331.2742659	9.5342004	340.8084663
2027	0.0000000	214.1419270	61.0618497	275.2037767	53.6789981	328.8827748	9.5361272	338.4189020
2028	0.0000000	217.3524733	61.0383430	278.3908163	53.6583815	332.0491978	9.5324663	341.5816641
2029	0.0000000	223.0051794	61.0518304	284.0570099	53.6702312	337.7272411	9.5344894	347.2617305
2030	0.0000000	213.1956131	61.0516378	274.2472509	53.6701349	327.9173858	9.5344894	337.4518752
2031	0.0000000	234.0826676	61.0508671	295.1335347	53.6693642	348.8028989	9.5343931	358.3372920
2032	0.0000000	206.1816381	61.0520231	267.2336612	53.6704239	320.9040851	9.5345857	330.4386708
2033	0.0000000	232.4901652	61.0591522	293.5493174	53.6766859	347.2260033	9.5356455	356.7616488
2034	0.0000000	206.8271729	61.0369942	267.8641671	53.6572254	321.5213925	9.5321773	331.0535698
2035	0.0000000	267.6457666	61.0657996	328.7115662	53.6825626	382.3941288	9.5367052	391.9308340

³ 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	-9.5987314	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	0.1569728	-0.0768404	-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	-22.2034911	-37.0638671	-0.5072304	-0.6085333	-4.1828906	-4.7914239
1999	1.9037719	25.7605103	-14.9340263	10.8264840	-27.0443818	-16.2178978	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	8.1627364	127.8745582	-12.5169061	115.3576522	-25.0603889	90.2972633	9.9497197	23.7205248	73.5621548	97.2826796
2008	8.5535144	135.6306012	-13.8809446	121.7496566	-29.0198140	92.7298426	10.5303147	27.7037471	79.6384295	107.3421766
2009	6.9000813	105.4000157	-10.4812488	94.9187668	-24.7607898	70.1579771	6.7838810	15.7862237	62.9156433	78.7018660
2010	7.9652264	118.6127140	-13.8211960	104.7915180	-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	131.2424548	-13.8982775	117.3441773	-25.6245942	91.7195831	8.9148718	23.7194443	84.0072128	107.7266571
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	192.6550766	16.6022731	44.6415282	105.9560101	150.5975384
2015	15.5860469	239.9469453	-14.2676550	225.6792904	-25.0847717	200.5945186	16.9599385	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	12.4099953	188.3667379	-13.8955888	174.4711491	-25.7687520	148.7023971	12.1275781	32.0227582	78.4167513	110.4395095
2018	13.4390428	203.4163129	-15.2646424	188.1516705	-26.6439108	161.5077598	16.3738165	38.6625835	120.7575605	159.4201440
2019	12.4037096	187.0500462	-14.8238687	172.2261775	-27.3405902	144.8858773	15.7812736	36.6115416	112.1443691	148.7559107
2020	13.8504508	207.1673264	-14.1644563	193.0028701	-25.6056178	167.3972523	18.3992903	42.2188048	134.2064042	176.4252090
2021	35.7379986	428.8908125	-27.0798202	401.8109924	-51.2168158	350.5941766	12.7304411	76.3246661	142.5862527	218.9109188
2022	13.4356167	213.4096216	-14.2420249	199.1675967	-24.0754501	175.0921465	12.0748566	36.4788182	97.2659962	133.7448144
2023	13.5446759	218.0765468	-14.4392565	203.6372903	-24.0706505	179.5666398	12.4259115	36.6197233	100.1150880	136.7348114
2024	17.6766938	259.6885789	-15.9707416	243.7178373	-24.2172121	219.5007162	9.5989655	38.5203810	150.1614230	188.6818040
2025	16.5750830	252.4701620	-14.9721977	237.4979643	-23.7017921	213.7961722	9.6218516	31.5044664	150.4643295	181.9687960
2026	16.1274508	253.0953734	-14.5668417	238.5285317	-23.0437247	215.4848071	9.6212198	37.6001687	150.4544385	188.0546072
2027	16.9898604	251.1689339	-15.3466897	235.8222443	-24.3105851	211.5116592	9.6231573	29.0120311	150.4848379	179.4968690
2028	16.2308474	253.9547794	-14.6652273	239.2895521	-23.2003459	216.0892062	9.6194718	36.7916936	150.4271191	187.2188127
2029	16.8509611	259.8882610	-15.2230957	244.6651653	-24.1095761	220.5555891	9.6215778	39.1336507	150.4601477	189.5937984
2030	16.0927576	249.5115642	-14.5348298	234.9767344	-22.9917953	211.9849391	9.6215567	33.5769777	150.4598473	184.0368250
2031	19.4806654	273.4102200	-17.6130691	255.7971509	-28.0120540	227.7850969	9.6214304	36.9745958	150.4577689	187.4323646
2032	15.1477836	241.3234941	-13.6790861	227.6444080	-21.6029703	206.0414376	9.6216094	34.5010833	150.4606235	184.9617068
2033	18.9850307	271.9671390	-17.1600055	254.8071335	-27.2697469	227.5373866	9.6227466	36.4462965	150.4784024	186.9246989
2034	15.1518419	241.7326269	-13.6844135	228.0482134	-21.6143888	206.4338246	9.6192402	32.9996963	150.4236384	183.4236384
2035	29.5722335	317.8504777	-26.8125655	291.0379122	-43.3449930	247.6929193	9.6237891	45.8655087	150.4946538	196.3601625

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 Contractor¹ (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	332,691	606,197	938,888	1,614,267	901,674	2,710,161	5,226,102	367,330	2,698,622	3,065,961
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	213,146	272,177	485,323	843,243	501,080	1,552,127	2,896,450	299,134	1,215,989	1,515,123
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	1,724,257	654,336	2,348,233	4,726,826	424,874	2,097,869	2,522,743
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	253,371	415,101	668,473	2,103,390	938,277	4,134,457	7,176,124	314,200	4,303,787	4,617,988
2018	443,930	690,493	1,134,423	2,228,565	912,592	4,809,343	7,950,500	386,913	4,395,824	4,782,737
2019	438,397	605,311	1,043,708	2,024,531	689,569	2,393,608	5,107,708	393,013	2,943,537	3,336,551
2020	535,418	816,469	1,351,887	1,575,549	1,107,910	2,760,830	5,444,289	473,525	2,147,977	2,621,502
2021	544,309	692,041	1,236,350	3,129,062	2,373,625	5,923,300	11,425,986	687,599	614,921	1,302,520
2022	794,794	370,803	1,165,598	2,654,541	1,321,237	3,769,256	7,745,034	1,659,773	3,650,163	5,309,937
2023	927,459	432,697	1,360,156	2,691,016	1,338,287	3,829,576	7,858,878	1,702,075	3,731,766	5,433,841
2024	664,859	400,193	1,065,052	2,941,986	1,468,103	4,148,089	8,558,178	2,363,051	5,149,504	7,512,555
2025	666,203	401,002	1,067,205	2,604,162	1,291,995	3,729,905	7,626,062	2,287,348	4,966,292	7,253,640
2026	666,159	400,976	1,067,135	2,903,900	1,447,947	4,103,272	8,455,119	2,363,846	5,132,386	7,496,233
2027	666,293	401,057	1,067,350	2,483,015	1,228,902	3,579,464	7,291,381	2,256,276	4,898,829	7,155,104
2028	666,038	400,903	1,066,941	2,863,004	1,426,720	4,051,938	8,341,662	2,353,340	5,109,576	7,462,916
2029	666,184	400,991	1,067,175	2,973,636	1,484,463	4,188,344	8,646,443	2,383,194	5,174,394	7,557,588
2030	666,183	400,990	1,067,173	2,708,868	1,346,358	3,861,220	7,916,446	2,313,343	5,022,733	7,336,076
2031	666,173	400,985	1,067,158	2,856,635	1,424,035	4,039,150	8,319,819	2,356,025	5,115,404	7,471,429
2032	666,186	400,992	1,067,178	2,761,819	1,373,598	3,929,568	8,064,985	2,324,969	5,047,975	7,372,944
2033	666,265	401,040	1,067,305	2,831,650	1,410,992	4,008,362	8,251,004	2,349,643	5,101,549	7,451,192
2034	666,022	400,894	1,066,916	2,686,934	1,334,685	3,835,912	7,857,531	2,305,631	5,005,990	7,311,621
2035	666,337	401,083	1,067,420	3,265,628	1,637,986	4,539,695	9,443,310	2,468,247	5,359,062	7,827,309
TOTAL	17,174,211	15,754,184	32,928,395	78,886,451	42,754,539	132,207,809	253,848,799	40,194,815	117,803,007	157,997,822

¹ 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 ¹ (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]
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	621,545	28,698	0	773,722	12,139,655	79,615	32,985	1,199,203	14,875,423
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	5,123,834	30,527	11,769	331,321	5,763,560
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	271,131	33,192	0	533,877	11,599,272	109,628	32,773	1,321,365	13,901,238
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	1,082,258	33,782	0	830,915	25,664,346	152,869	39,397	1,203,620	29,007,187
2018	903,877	35,461	0	107,985	14,507,757	82,758	36,152	879,075	16,553,065
2019	688,024	40,369	0	302,042	22,334,989	108,148	32,198	2,011,743	25,517,514
2020	618,479	29,727	0	204,186	11,582,602	75,484	36,367	435,146	12,981,991
2021	466,555	9,539	0	145,414	4,070,699	152,057	38,147	1,183,308	6,065,721
2022	638,603	43,927	0	1,948,838	16,512,812	138,457	59,609	1,280,793	20,623,040
2023	633,104	43,549	0	1,950,251	16,496,198	137,348	58,248	1,269,764	20,588,461
2024	756,816	52,059	0	2,321,324	19,361,237	163,225	69,963	1,517,883	24,242,505
2025	572,624	39,389	0	1,906,363	15,586,455	123,931	45,790	1,148,465	19,423,018
2026	732,153	50,362	0	2,254,067	18,794,835	157,967	67,083	1,468,419	23,524,886
2027	507,368	34,900	0	1,760,590	14,255,292	110,009	37,192	1,017,586	17,722,937
2028	711,043	48,910	0	2,210,546	18,383,392	153,463	64,187	1,426,080	22,997,620
2029	772,272	53,122	0	2,357,599	19,687,164	166,527	71,926	1,548,882	24,657,491
2030	626,865	43,120	0	2,016,705	16,635,481	135,504	53,280	1,257,252	20,768,207
2031	715,778	49,236	0	2,265,666	18,716,295	154,473	63,424	1,435,576	23,400,447
2032	651,046	44,783	0	2,048,832	17,012,389	140,663	57,175	1,305,749	21,260,637
2033	701,919	48,282	0	2,233,095	18,425,112	151,517	61,646	1,407,780	23,029,352
2034	611,820	42,085	0	1,965,199	16,233,283	132,293	51,878	1,227,076	20,263,634
2035	948,373	65,235	0	2,863,134	23,872,904	204,099	91,770	1,902,074	29,947,590
TOTAL	25,838,191	1,429,157	0	48,081,214	582,256,283	4,074,700	1,780,288	47,278,003	710,737,836

¹ 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 Contractor¹ (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	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	365,342	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)	34,480	(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	91,179
2006	6,435,505	7,059,933	56,471	2,914,919	0	3,169,772	1,000,104	2,155,121	949,331	438,917
2007	9,390,046	7,381,216	231,420	3,047,519	0	6,190,010	2,227,985	6,074,439	405,610	618,123
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	760,805
2009	4,116,185	3,415,150	96,644	1,365,958	3,871	3,229,714	1,413,481	3,402,548	861,600	782,106
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	1,111,183
2011	11,047,442	9,132,221	62,167	3,679,937	0	659,640	1,268,372	3,567,845	2,386,360	1,564,825
2012	10,123,877	11,589,118	80,922	4,467,769	0	1,559,144	2,005,754	9,802,898	2,185,097	1,649,531
2013	7,440,013	8,371,628	220,418	8,371,628	0	1,249,652	1,540,112	4,628,208	1,206,074	1,813,699
2014	3,672,568	2,574,663	296,572	643,171	0	849,317	1,763,898	2,507,832	253,016	1,507,624
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	1,199,573
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	2,754,289
2017	15,565,434	12,445,620	161,306	4,732,880	0	6,636,389	2,305,004	13,132,022	3,299,672	3,562,907
2018	10,025,875	23,731,266	244,056	8,304,086	0	1,149,307	1,858,302	8,485,907	2,966,242	3,586,366
2019	10,668,762	5,439,949	75,355	2,192,148	79,269	4,295,137	2,042,723	13,627,957	3,652,007	3,734,008
2020	6,753,065	19,578,141	144,117	6,720,229	273,534	718,133	1,258,434	4,662,686	1,353,408	2,943,188
2021	5,757,325	5,988,258	743,122	1,068,184	35,379	3,747,458	1,298,384	5,296,500	551,716	937,138
2022	16,571,831	14,546,816	719,243	5,861,836	262,776	10,801,299	3,721,322	10,792,345	3,028,177	2,978,375
2023	16,968,960	15,010,903	738,573	6,048,846	269,065	11,075,096	3,810,384	11,136,505	3,124,785	2,955,155
2024	20,028,156	18,393,614	877,026	7,411,955	317,567	12,998,610	4,497,254	13,644,978	3,828,956	3,587,250
2025	19,466,474	17,933,562	857,287	7,226,571	308,629	12,737,665	4,370,676	13,303,786	3,733,188	3,532,323
2026	19,582,740	17,976,358	860,056	7,243,816	310,487	12,762,376	4,396,993	13,335,564	3,742,097	3,537,592
2027	19,322,599	17,775,921	851,123	7,163,047	306,344	12,646,892	4,338,326	13,186,899	3,700,373	3,512,788
2028	19,640,128	18,042,429	863,005	7,270,440	311,394	12,809,489	4,409,841	13,384,569	3,755,851	3,545,618
2029	20,097,453	18,511,660	881,717	7,459,523	318,651	13,078,081	4,512,612	13,732,510	3,853,530	3,604,577
2030	19,270,133	17,697,368	847,881	7,131,393	305,522	12,592,126	4,326,672	13,128,646	3,684,020	3,502,750
2031	21,015,581	19,431,202	920,832	7,830,065	333,206	13,651,983	4,718,724	14,414,463	4,044,949	3,719,541
2032	18,672,158	17,115,138	821,375	6,896,776	296,044	12,195,897	4,192,458	12,696,780	3,562,819	3,429,953
2033	20,926,094	19,299,009	917,847	7,776,796	331,784	13,614,064	4,698,589	14,316,533	4,017,430	3,703,186
2034	18,693,712	17,168,724	823,308	6,918,369	296,381	12,231,864	4,197,223	12,736,506	3,573,974	3,436,336
2035	23,985,155	22,217,275	1,041,175	8,952,751	380,305	15,372,453	5,385,725	16,480,752	4,624,919	4,068,242
TOTAL	452,735,683	409,234,350	16,764,220	172,324,818	5,087,198	235,311,501	96,751,363	306,626,009	83,846,779	78,274,550

¹ 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 Contractor¹ (in dollars)

Sheet 4 of 4

Calendar Year	SOUTHERN CALIFORNIA AREA (continued)				FEATHER RIVER AREA				South Bay Area Future Contractor	Grand Total
	Santa Clarita	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	137,645,971	0	0	0	0	0	166,831,175
2006	2,267,127	83,188,003	93,385	109,728,588	0	0	0	0	0	133,138,558
2007	4,251,809	138,191,973	318,256	178,328,407	0	0	0	0	0	202,434,780
2008	3,787,162	83,673,640	409,647	112,071,007	0	0	0	0	0	129,158,592
2009	2,596,698	60,903,427	350,975	82,538,359	0	0	0	0	0	93,198,814
2010	2,755,830	89,821,474	402,744	122,941,021	0	0	0	0	0	140,022,299
2011	2,817,663	131,808,061	425,260	168,419,794	0	0	0	0	0	199,911,580
2012	3,549,371	103,454,541	479,973	150,947,997	0	0	0	0	0	172,667,200
2013	5,686,557	107,522,589	403,726	142,792,953	0	0	0	0	0	166,854,823
2014	5,146,067	70,203,891	17,917	89,436,535	0	0	0	0	0	106,281,926
2015	5,454,777	112,508,845	216,398	143,136,654	0	0	0	0	0	163,173,422
2016	5,015,534	167,126,887	522,767	216,931,113	0	0	0	0	0	244,768,269
2017	7,406,300	216,621,270	2,188,167	288,056,970	0	0	0	0	0	329,526,741
2018	6,786,849	110,494,122	312,000	177,944,380	0	0	0	0	0	208,365,105
2019	6,319,695	188,471,830	3,327,006	243,925,846	0	0	0	0	0	278,931,326
2020	7,608,031	72,164,876	1,340,581	125,518,422	0	0	0	0	0	147,918,092
2021	15,572,762	109,596,168	1,308,166	151,900,561	0	0	0	0	0	171,931,138
2022	8,503,462	187,355,970	2,146,608	267,290,060	0	0	0	0	0	302,133,668
2023	9,176,997	192,847,635	2,200,293	275,363,195	0	0	0	0	0	310,604,532
2024	11,771,892	236,051,132	2,679,779	336,088,170	0	0	0	0	0	377,466,459
2025	11,440,597	229,502,215	2,610,350	327,023,326	0	0	0	0	0	362,393,251
2026	11,555,210	231,014,324	2,629,370	328,946,984	0	0	0	0	0	369,490,357
2027	11,309,246	227,133,138	2,584,087	323,830,783	0	0	0	0	0	357,067,555
2028	11,583,916	231,714,603	2,636,919	329,968,202	0	0	0	0	0	369,837,342
2029	11,830,279	237,476,262	2,692,234	338,049,089	0	0	0	0	0	379,977,786
2030	11,353,141	227,050,470	2,587,274	323,477,396	0	0	0	0	0	360,565,298
2031	12,204,548	247,616,821	2,786,364	352,688,279	0	0	0	0	0	392,947,132
2032	11,041,943	220,102,503	2,513,327	313,537,171	0	0	0	0	0	351,302,914
2033	12,189,240	246,365,853	2,781,988	350,938,415	0	0	0	0	0	390,737,267
2034	11,056,559	220,559,536	2,518,057	314,210,548	0	0	0	0	0	350,710,250
2035	13,296,288	279,017,509	3,054,237	397,876,787	0	0	0	0	0	446,162,415
TOTAL	259,332,637	5,573,648,096	50,115,363	7,740,052,566	0	0	0	0	0	8,895,565,419

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

TABLE B-19 Total Transportation Charge for Each Contractor¹ (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	652,399	603,483	1,985,220	3,241,102	115,961	229,807	345,768
1969	254,715	0	254,715	775,484	539,340	2,083,253	3,398,077	185,156	358,861	544,017
1970	277,547	0	277,547	811,072	532,567	2,202,767	3,546,406	200,150	387,675	587,825
1971	227,474	0	227,474	776,364	552,113	2,169,897	3,498,374	202,413	392,912	595,325
1972	224,978	0	224,978	818,552	678,520	2,320,421	3,817,493	209,057	406,589	615,646
1973	221,091	31,366	252,457	784,020	549,393	2,338,620	3,672,033	206,557	402,724	609,281
1974	240,498	32,938	273,437	808,016	564,593	2,506,358	3,878,967	208,545	407,090	615,635
1975	237,459	36,291	273,750	858,298	605,731	2,409,923	3,873,952	285,895	439,873	665,768
1976	271,292	40,836	312,127	949,233	734,812	2,500,506	4,184,550	228,976	447,299	676,275
1977	293,627	45,096	338,723	913,604	713,558	2,476,399	4,103,562	238,699	468,721	707,420
1978	273,870	49,178	323,048	969,175	692,587	2,785,987	4,447,749	245,331	484,259	729,590
1979	289,479	53,340	342,819	1,034,511	736,358	2,813,578	4,584,447	243,110	483,437	726,547
1980	310,846	67,748	378,594	1,152,787	866,372	3,028,204	5,047,363	269,858	537,074	806,932
1981	347,781	87,408	435,189	1,118,599	879,357	2,917,582	4,915,537	288,997	586,257	875,254
1982	438,335	106,818	545,254	1,156,937	850,483	3,262,104	5,269,524	290,409	582,577	872,806
1983	354,787	151,259	506,046	1,168,917	900,363	3,795,446	5,864,726	319,214	633,181	952,395
1984	467,336	224,245	691,581	1,460,974	1,097,480	5,737,801	8,296,256	351,620	695,559	1,047,179
1985	736,074	364,305	1,100,379	1,911,429	1,789,369	6,551,546	10,252,344	394,593	776,994	1,171,586
1986	1,084,728	692,479	1,777,207	1,738,966	1,528,732	6,863,230	10,130,928	385,545	762,684	1,148,229
1987	1,773,801	1,559,243	3,333,044	2,229,117	2,011,876	6,675,355	10,916,348	385,289	812,310	1,197,599
1988	2,231,563	2,333,792	4,565,355	2,230,983	2,210,523	6,368,850	10,810,355	420,153	978,621	1,398,774
1989	2,397,272	3,326,436	5,723,708	2,147,288	1,872,030	5,916,714	9,936,032	414,224	1,162,723	1,576,947
1990	2,746,135	3,433,320	6,179,455	2,566,722	2,261,914	6,668,440	11,497,076	487,609	1,234,409	1,722,018
1991	2,748,636	3,682,311	6,430,947	1,746,075	1,621,188	4,527,928	7,895,191	491,419	1,476,387	1,967,806
1992	2,554,528	3,528,958	6,083,486	2,066,433	2,003,328	5,385,858	9,455,619	551,042	1,491,156	2,042,198
1993	2,592,888	3,504,240	6,097,128	2,871,327	2,011,222	6,511,865	11,394,414	610,115	1,675,438	2,285,553
1994	2,718,329	3,537,459	6,255,788	2,897,772	2,642,460	7,314,515	12,854,746	767,900	2,473,449	3,241,348
1995	2,649,273	3,509,935	6,159,208	3,025,999	2,289,027	5,893,667	11,208,694	995,341	4,977,122	5,972,462
1996	2,699,210	3,891,715	6,590,926	2,574,889	2,137,443	6,675,492	11,387,823	1,837,384	13,766,531	15,603,915
1997	2,641,891	3,631,175	6,273,066	2,648,019	2,007,332	6,551,469	11,206,820	2,294,917	21,860,553	24,155,470
1998	2,538,764	3,478,062	6,016,827	2,254,225	2,064,166	6,296,050	10,614,440	2,976,896	26,690,793	29,667,689
1999	2,682,220	3,832,236	6,514,456	2,864,384	2,437,119	8,336,659	13,638,161	3,025,125	27,465,780	30,490,989
2000	2,833,873	4,310,123	7,143,996	3,915,871	2,307,396	7,040,166	13,263,433	2,948,233	27,838,201	30,786,434
2001	3,348,907	4,914,678	8,263,585	7,311,198	2,795,685	8,451,441	18,558,324	3,501,499	29,990,590	33,492,089
2002	3,558,063	5,054,004	8,612,066	10,773,347	2,781,258	9,930,188	23,484,793	3,214,148	29,618,300	32,832,449
2003	3,667,488	5,395,044	9,062,533	7,409,931	2,507,040	8,729,606	18,646,577	3,294,613	29,872,238	33,166,850
2004	4,144,445	5,620,754	9,765,198	5,596,171	2,812,814	8,202,885	16,611,870	3,307,566	30,301,509	33,609,075
2005	3,504,002	5,131,265	8,635,268	5,967,184	2,967,415	8,980,247	17,914,847	3,432,436	30,414,226	33,846,662
2006	3,408,521	4,629,762	8,038,283	6,348,493	2,966,249	9,114,772	18,429,515	3,275,894	30,060,736	33,336,630
2007	3,602,641	5,101,749	8,704,389	8,266,795	3,481,618	10,365,934	22,114,347	3,425,576	31,263,740	34,689,316
2008	4,294,209	5,057,792	9,352,001	11,247,795	3,774,961	10,524,013	25,546,769	3,928,019	32,521,366	36,449,385
2009	4,729,312	5,109,080	9,838,392	12,455,035	3,306,730	10,273,902	26,035,667	3,747,069	31,001,298	34,748,367
2010	4,978,007	6,526,098	11,504,105	14,474,530	3,655,145	11,116,841	29,246,516	4,086,045	33,067,434	37,153,479
2011	5,345,993	6,919,499	12,265,492	17,689,920	4,338,546	12,932,723	34,961,189	4,155,421	34,154,835	38,310,256
2012	5,809,282	6,873,603	12,682,885	20,018,726	4,329,320	15,131,291	39,479,337	4,196,722	34,519,123	38,715,846
2013	5,457,799	6,611,975	12,069,774	22,028,848	5,073,154	15,137,735	42,239,737	4,419,221	35,921,308	40,340,530
2014	6,092,994	7,171,766	13,264,760	22,241,758	5,325,362	15,153,816	42,720,936	4,261,203	33,127,670	37,388,873
2015	6,201,806	7,127,379	13,329,185	23,551,080	4,780,531	16,535,596	44,867,208	4,847,808	35,110,580	39,958,888
2016	6,538,480	7,741,141	14,279,621	24,250,043	4,363,034	22,442,203	51,055,280	4,629,601	39,623,356	44,252,957
2017	5,589,700	6,300,929	11,890,629	24,946,952	4,786,237	19,093,145	48,826,334	4,757,805	43,393,499	48,151,304
2018	6,539,239	7,417,771	13,957,009	26,863,636	5,320,096	19,392,732	51,576,464	4,926,581	42,315,541	47,242,122
2019	6,191,848	6,803,459	12,995,307	26,063,552	4,854,644	14,237,002	45,155,198	4,596,638	38,090,490	42,687,128
2020	7,770,710	7,702,728	15,473,438	26,007,873	5,379,651	14,819,860	46,207,384	4,841,425	37,021,025	42,462,450
2021	8,363,063	8,906,999	17,270,063	29,713,390	7,467,032	20,319,035	57,499,457	5,266,034	36,838,029	42,104,063
2022	8,156,064	8,237,064	16,393,129	28,045,704	5,968,243	17,177,752	51,191,700	6,290,934	40,164,238	46,455,172
2023	7,811,154	7,934,498	15,745,652	28,400,789	6,122,389	17,563,317	52,086,494	6,445,083	40,674,610	47,119,692
2024	8,213,967	8,742,343	16,956,310	29,858,144	6,702,304	18,990,445	55,550,893	7,256,923	42,883,535	50,140,458
2025	8,235,711	8,781,003	17,016,713	29,571,221	6,540,356	18,611,518	54,723,095	7,181,767	42,764,251	49,946,017
2026	8,267,155	8,821,108	17,088,263	29,946,727	6,722,667	19,059,472	55,728,866	7,276,171	43,031,665	50,307,837
2027	8,303,030	8,862,981	17,166,011	29,607,928	6,532,696	18,617,304	54,757,928	7,190,691	42,907,727	50,098,418
2028	8,338,538	8,905,257	17,243,795	30,069,988	6,759,364	19,171,079	56,000,431	7,306,280	43,222,417	50,528,697
2029	8,374,544	8,948,132	17,322,676	30,261,880	6,845,204	19,387,553	56,494,637	7,359,325	43,400,548	50,759,873
2030	8,403,683	8,980,296	17,383,979	30,080,661	6,736,686	19,144,658	55,962,005	7,312,831	43,362,272	50,675,102
2031	8,428,958	9,007,328	17,436,286	30,306,658	6,840,120	19,397,838	56,544,616	7,375,024	43,552,351	50,927,374
2032	8,456,780	9,034,976	17,491,756	30,302,880	6,823,616	19,383,270	56,509,766	7,369,771	43,614,003	50,983,773
2033	8,466,317	9,036,643	17,502,961	30,461,356	6,893,323	19,553,275	56,907,953	7,419,505	43,793,991	51,213,496
2034	8,434,912	9,009,441	17,444,353	30,396,677	6,843,381	19,457,061	56,697,119	7,399,373	43,817,464	51,216,837
2035	8,329,436	8,913,384	17,242,820	31,055,011	7,172,897	20,237,369	58,465,277	7,585,960	44,290,946	51,876,905
TOTAL	267,905,323	304,874,341	572,779,664	829,252,712	227,698,006	702,896,102	1,759,846,819	209,999,778	1,463,931,440	1,673,931,218

¹ 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 Contractor¹ (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]
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	190,687	9,215	54,588	445,439	1,572,822	13,770	12,001	214,081	2,512,602
1969	186,304	8,563	87,576	525,094	2,450,503	12,625	11,040	376,650	3,658,356
1970	208,906	15,330	94,675	573,998	2,985,940	12,790	13,595	308,225	4,213,458
1971	206,121	16,288	95,695	605,889	3,917,807	17,763	14,932	464,277	5,338,771
1972	229,580	17,156	98,788	631,615	5,135,448	15,220	21,686	1,129,335	7,278,828
1973	213,021	13,227	97,550	639,250	5,090,205	15,483	12,292	1,129,708	6,508,736
1974	297,846	13,196	98,460	698,247	5,412,578	15,590	13,442	628,800	7,178,160
1975	368,057	14,141	106,703	715,606	6,571,087	16,620	15,146	765,563	8,572,922
1976	318,782	14,687	108,084	774,291	6,942,420	16,993	16,904	591,228	8,783,389
1977	280,530	11,797	112,554	797,859	7,140,355	18,457	14,624	536,948	8,913,124
1978	370,324	4,441	115,521	890,945	8,623,245	18,921	18,701	532,472	10,574,570
1979	402,990	14,534	114,253	896,194	9,777,552	20,202	25,652	984,766	12,236,142
1980	425,209	12,884	125,950	888,893	10,364,905	20,749	25,350	769,337	12,633,277
1981	488,700	30,725	134,169	1,079,315	11,843,731	24,939	23,753	942,555	14,567,888
1982	483,209	13,875	135,057	1,004,667	12,707,339	22,955	23,256	781,785	15,172,143
1983	657,249	15,469	149,202	1,027,258	15,950,800	39,971	29,870	432,324	18,302,144
1984	930,791	15,883	164,505	2,063,179	24,103,858	54,427	60,555	811,905	28,205,104
1985	1,120,160	88,444	184,905	2,350,593	28,441,942	69,483	71,104	2,190,975	34,517,607
1986	1,285,221	34,900	180,445	2,365,159	31,018,740	80,769	77,002	2,225,726	37,267,962
1987	1,144,620	51,695	179,872	2,804,776	29,868,878	78,018	75,268	2,286,563	36,489,690
1988	1,131,050	62,490	193,735	2,750,424	29,811,071	74,168	61,181	2,246,030	36,330,148
1989	1,167,392	50,172	187,913	2,435,635	29,894,271	67,048	69,684	2,491,282	36,363,397
1990	878,494	35,334	221,392	2,541,316	28,031,895	51,058	50,131	1,921,901	33,731,519
1991	606,575	24,239	220,282	2,055,250	18,231,287	27,930	27,900	1,282,466	22,475,929
1992	977,910	40,075	241,455	2,369,788	26,529,408	55,795	51,954	1,959,606	32,225,992
1993	1,190,200	54,602	264,959	2,799,482	32,043,577	72,889	70,637	2,693,194	39,189,540
1994	1,045,290	44,728	306,359	2,808,829	29,919,388	60,460	58,404	2,169,124	36,412,581
1995	1,541,978	47,586	304,297	3,499,611	37,042,943	88,875	81,227	2,823,234	45,429,752
1996	1,369,751	49,218	389,203	3,560,139	37,005,188	86,092	74,875	4,369,125	46,903,591
1997	1,411,280	26,375	276,681	3,107,763	33,172,314	36,715	69,735	1,723,202	39,824,065
1998	1,255,164	35,330	381,847	2,654,434	29,929,150	41,835	61,031	1,853,446	36,212,236
1999	1,246,537	56,612	366,294	3,054,852	31,938,447	75,360	66,200	4,220,671	41,024,973
2000	1,087,997	39,011	303,341	2,322,844	27,075,574	61,948	55,884	2,838,006	33,784,605
2001	1,764,722	63,860	328,028	2,237,334	34,536,526	80,120	102,185	3,109,973	42,222,746
2002	1,343,859	44,656	321,344	2,334,754	29,550,445	73,468	78,983	2,600,124	36,347,633
2003	1,410,484	49,466	339,960	2,741,740	32,334,037	89,704	80,141	2,915,076	39,960,608
2004	1,467,701	78,842	342,620	3,760,286	30,957,818	236,003	82,755	2,424,528	39,350,552
2005	2,058,913	88,860	355,586	2,984,191	42,055,844	420,623	82,351	3,477,365	51,523,734
2006	1,808,697	75,848	295,459	3,287,808	38,087,313	254,250	79,821	2,828,639	46,717,835
2007	1,674,771	70,390	334,132	3,067,185	35,937,757	235,665	83,137	2,979,492	44,382,529
2008	1,529,638	62,711	471,586	3,455,255	35,232,646	248,984	81,267	2,454,638	43,536,723
2009	1,223,917	50,520	437,333	2,186,445	30,841,684	192,944	62,936	2,042,097	37,037,876
2010	1,450,689	106,571	507,046	2,355,241	36,352,465	250,252	84,529	2,652,095	43,758,888
2011	2,194,251	82,466	506,678	3,444,127	51,223,294	304,560	92,915	2,750,080	60,598,371
2012	1,276,869	89,147	467,874	3,233,950	41,013,574	317,588	92,795	3,479,866	49,971,664
2013	1,616,769	82,322	519,611	3,396,667	41,014,627	279,253	91,714	2,754,378	49,755,340
2014	1,614,782	66,401	630,817	2,787,343	36,318,324	227,771	93,716	2,117,838	43,856,992
2015	1,418,695	68,811	755,570	3,215,082	38,380,091	229,810	82,732	2,330,145	46,480,937
2016	1,396,179	89,911	484,982	2,929,025	39,922,103	264,097	86,933	2,717,950	47,891,179
2017	1,940,499	78,362	481,144	3,145,055	50,076,963	323,384	95,234	2,834,323	58,974,964
2018	1,838,520	85,190	617,513	2,550,412	41,924,818	264,288	96,688	2,657,601	50,035,028
2019	1,684,438	93,761	602,195	2,995,692	51,771,763	300,695	98,039	3,900,790	61,447,374
2020	1,620,072	88,811	678,379	3,127,053	43,204,837	288,658	105,941	2,499,013	51,612,763
2021	1,461,460	68,333	751,957	3,178,644	36,527,167	367,818	108,144	3,239,328	45,702,851
2022	1,727,325	102,155	763,705	5,075,929	50,061,813	355,599	127,739	3,321,937	61,536,201
2023	1,713,587	101,726	791,960	5,133,654	49,785,581	359,246	127,595	3,297,298	61,310,647
2024	1,846,413	110,743	839,419	5,752,244	53,065,699	391,197	139,319	3,560,812	65,705,847
2025	1,663,440	98,117	845,203	5,335,275	49,355,115	352,000	115,088	3,192,792	60,957,029
2026	1,829,606	109,506	851,346	5,698,469	52,772,245	387,312	136,805	3,525,003	65,310,291
2027	1,613,111	94,573	857,178	5,224,724	48,485,741	340,968	107,483	3,089,730	59,813,509
2028	1,825,158	109,118	861,283	5,695,580	52,869,413	386,009	135,053	3,513,940	65,395,553
2029	1,894,844	113,869	867,572	5,862,717	54,431,312	400,716	143,372	3,652,615	67,367,017
2030	1,757,978	104,412	873,954	5,542,153	51,640,336	371,349	125,313	3,377,018	63,792,513
2031	1,855,517	111,079	879,104	5,796,424	53,984,465	391,654	136,049	3,571,534	66,725,825
2032	1,799,498	107,183	885,898	5,605,814	52,546,505	379,618	130,398	3,458,061	64,912,975
2033	1,859,170	111,244	892,435	5,809,287	54,227,836	392,118	135,474	3,576,610	67,004,172
2034	1,777,959	105,613	898,758	5,559,420	52,307,300	374,542	126,315	3,412,589	64,562,496
2035	2,123,489	129,337	905,040	6,472,917	60,220,927	447,927	166,824	4,104,436	74,570,896
TOTAL	83,800,942	4,076,137	28,386,025	199,195,040	2,173,563,053	11,966,106	5,090,796	157,412,218	2,663,490,317

¹ 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 Contractor¹ (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	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	346,566	95,466	782,163	208,927	128,915
1969	1,090,136	334,105	61,226	394,024	18,693	517,986	138,063	1,205,834	321,755	198,764
1970	1,420,639	470,423	89,700	552,223	25,231	716,628	184,837	1,778,187	467,573	289,633
1971	1,760,670	627,331	128,360	754,065	31,837	962,401	231,280	2,538,219	659,414	409,327
1972	2,084,699	777,838	181,206	971,501	42,404	1,230,278	274,599	3,388,734	865,095	537,186
1973	2,177,324	920,218	183,713	1,184,696	43,482	1,298,633	287,315	3,971,543	946,686	587,963
1974	2,241,780	938,860	193,283	1,212,205	45,212	1,333,244	292,071	3,998,510	990,064	611,428
1975	2,419,858	983,580	206,040	1,280,804	48,490	1,404,053	304,281	4,159,094	1,088,341	644,621
1976	2,773,862	1,032,075	215,084	1,356,888	51,463	1,448,508	313,685	4,299,592	1,141,598	668,315
1977	2,717,286	929,532	226,032	1,194,916	47,348	1,522,281	329,365	4,553,831	1,197,216	696,515
1978	3,035,392	1,111,606	231,040	1,470,658	47,118	1,524,338	321,681	4,460,167	1,208,702	709,040
1979	3,589,381	1,180,841	237,955	1,569,175	48,396	1,654,093	332,472	4,422,382	1,152,375	712,866
1980	4,136,480	1,271,861	259,401	1,730,656	53,348	1,775,760	360,461	4,835,652	1,269,447	777,981
1981	4,469,204	1,355,504	271,181	1,850,802	77,806	1,904,303	391,869	5,224,182	1,357,680	806,031
1982	4,031,426	1,403,332	280,313	1,936,175	59,961	2,099,954	406,891	5,410,876	1,565,182	853,400
1983	5,224,176	1,997,502	333,081	2,880,959	69,381	2,177,882	494,688	6,020,929	1,556,652	952,131
1984	7,262,706	3,084,372	445,339	4,608,046	75,773	2,409,128	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	2,522,037	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	2,633,230	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	2,667,591	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	2,723,757	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	2,672,410	1,442,627	9,944,266	2,930,395	1,194,911
1990	10,040,074	4,487,886	620,394	7,014,185	289,349	2,872,370	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	3,632,639	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	4,434,800	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	4,314,642	1,347,511	9,505,683	3,320,012	1,507,550
1994	11,216,190	3,313,737	554,651	5,066,159	225,809	5,308,867	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	4,397,305	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	4,465,197	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	4,769,773	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	5,806,381	1,474,029	11,263,703	3,321,115	2,003,846
1999	11,464,413	4,681,960	633,440	6,034,112	145,798	6,007,692	1,855,062	12,435,508	4,172,870	2,369,483
2000	10,588,857	3,062,374	594,691	4,366,076	115,438	5,821,343	1,449,271	12,306,410	3,253,171	2,890,395
2001	20,607,925	4,100,681	797,527	6,349,945	127,791	6,513,596	3,341,803	18,909,129	3,395,382	4,571,962
2002	12,003,199	3,361,237	759,988	5,129,982	109,869	5,649,401	2,740,764	20,621,499	4,787,274	6,844,991
2003	13,366,962	3,480,415	729,620	5,324,825	115,323	7,303,572	2,277,999	19,443,483	4,950,854	8,606,514
2004	14,238,559	4,115,076	829,278	5,365,886	124,197	7,415,518	2,518,944	23,960,321	4,389,481	9,148,496
2005	14,655,042	17,794,827	654,120	10,294,124	114,290	7,217,659	2,570,411	22,099,848	4,655,736	9,538,561
2006	16,138,358	27,341,047	633,909	9,895,275	122,299	9,926,713	2,495,770	21,867,220	4,675,188	10,068,352
2007	19,660,618	26,154,628	881,826	9,379,706	126,756	13,753,649	4,037,644	28,182,209	3,835,949	10,826,173
2008	17,125,624	25,655,089	806,226	10,270,355	135,174	12,061,880	3,951,747	28,350,870	4,789,301	12,242,117
2009	14,844,067	23,302,642	780,968	8,133,728	133,355	11,720,307	3,675,234	28,360,131	5,260,358	12,694,379
2010	17,519,010	31,739,849	687,563	10,962,701	122,631	14,038,972	3,017,022	30,877,207	6,751,132	13,963,688
2011	23,804,325	33,189,910	744,537	11,906,530	136,163	7,624,883	3,016,103	28,346,186	7,438,101	15,064,560
2012	23,901,454	39,587,214	846,246	14,178,049	147,924	9,343,835	4,349,191	42,045,800	7,669,710	16,480,562
2013	19,261,263	31,796,213	1,056,693	10,801,425	165,493	9,327,373	3,461,884	34,015,278	5,890,695	17,895,213
2014	14,749,411	27,316,641	1,151,932	8,754,285	170,851	9,404,867	3,591,871	36,498,765	4,836,123	23,136,575
2015	12,730,678	30,459,427	1,130,767	10,096,899	163,489	10,903,472	2,767,693	43,871,099	5,895,314	27,817,403
2016	16,380,505	33,217,685	1,029,897	10,888,568	156,353	12,482,631	3,240,815	51,336,204	7,190,103	32,363,175
2017	24,442,385	32,314,998	931,725	11,390,296	147,157	14,065,656	3,612,288	56,844,375	7,543,755	36,687,784
2018	19,232,898	48,778,564	1,022,626	15,636,008	154,365	8,817,624	3,219,487	54,313,785	7,326,981	38,452,035
2019	20,202,256	29,758,357	845,240	9,536,221	233,969	12,888,821	3,434,081	61,748,754	7,969,088	40,324,861
2020	16,044,041	45,824,352	940,609	14,285,345	419,954	8,881,259	2,594,760	52,916,417	5,877,014	39,656,820
2021	16,096,106	33,572,187	1,609,765	9,283,626	203,650	12,688,146	2,806,174	56,615,540	5,479,884	38,398,992
2022	27,038,806	41,829,537	1,582,925	14,016,078	432,526	19,660,515	5,244,574	61,819,616	7,961,673	40,332,729
2023	27,563,012	42,841,921	1,613,047	14,290,307	444,756	20,098,460	5,379,681	62,053,079	8,111,619	40,191,706
2024	31,065,535	47,842,104	1,781,715	16,040,504	500,733	22,324,023	6,113,161	65,597,920	8,985,221	41,141,890
2025	30,355,249	47,211,502	1,755,082	15,784,299	489,485	21,964,119	5,948,872	65,210,090	8,857,050	41,092,815
2026	30,491,681	47,274,385	1,759,547	15,809,564	491,704	22,005,270	5,974,481	65,333,193	8,871,795	41,137,931
2027	30,299,807	47,175,519	1,755,359	15,766,562	488,706	21,944,278	5,925,822	65,345,752	8,854,892	41,168,096
2028	30,688,564	47,584,511	1,772,632	15,921,135	494,938	22,167,656	6,007,760	65,725,636	8,940,681	41,259,700
2029	31,212,606	48,202,911	1,796,987	16,159,596	503,316	22,498,220	6,120,376	66,266,186	9,071,283	41,379,464
2030	30,449,897	47,545,347	1,768,884	15,881,966	491,284	22,074,446	5,944,101	65,858,370	8,935,253	41,339,202
2031	32,180,746	49,325,717	1,842,982	16,589,387	518,732	23,146,119	6,334,290	67,259,021	9,307,659	41,604,409
2032	29,931,112	47,209,454	1,750,957	15,723,537	483,131	21,775,812	5,822,080	65,769,623	8,867,533	41,382,440
2033	32,188,380	49,500,663	1,850,461	16,631,533	518,978	23,231,863	6,330,094	67,540,149	9,342,553	41,710,444
2034	29,933,330	47,448,579	1,757,151	15,789,961	483,266	21,877,633	5,827,411	66,077,228	8,910,056	41,492,984
2035	35,232,172	52,605,870	1,977,875	17,853,525	567,275	25,061,347	7,018,816	69,970,356	9,980,428	42,179,915
TOTAL	1,002,499,684	1,303,907,065	56,296,005	554,518,488	13,565,329	611,014,736	178,291,274	1,906,961,116	317,799,103	1,037,915,746

¹Capital 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 ¹ (in dollars)

Calendar Year	SOUTHERN CALIFORNIA AREA (continued)				FEATHER RIVER AREA				South Bay Area Future Contractor	Grand Total
	Santa Clarita ²	Metropolitan	Ventura	Total	Yuba City	Butte	Plumas	Total		
	[30]	[31]	[32]	[33]	[34]	[35]	[36]	[37]		
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	479,685	15,317,881	142,803	18,795,004	0	0	564	564	46,945	25,070,613
1969	727,464	23,153,064	215,209	28,376,324	0	0	3,191	3,191	52,963	36,287,643
1970	908,024	30,617,164	273,605	37,793,866	0	0	15,121	15,121	69,744	46,503,967
1971	1,093,071	39,958,997	342,425	49,497,398	0	0	16,001	16,001	55,532	59,228,874
1972	1,314,311	52,948,599	422,304	65,038,754	0	0	17,372	17,372	80,412	77,073,483
1973	1,331,453	57,273,225	435,655	70,641,905	0	0	17,334	17,334	54,219	81,755,965
1974	1,391,857	61,776,466	455,565	75,480,546	0	0	17,477	17,477	76,783	87,521,005
1975	1,461,679	66,756,784	478,403	81,236,028	0	0	18,406	18,406	84,547	94,725,373
1976	1,457,877	68,485,047	475,587	83,719,580	0	0	17,477	17,477	106,717	97,800,116
1977	1,528,070	66,234,179	507,063	81,683,634	0	0	18,232	18,232	98,618	95,863,312
1978	1,614,296	72,934,779	523,177	89,192,011	0	0	17,381	17,381	100,786	105,385,134
1979	1,650,286	72,666,594	526,405	89,743,220	0	0	20,579	20,579	119,352	107,773,106
1980	1,733,373	79,926,555	571,232	98,702,208	0	0	17,761	17,761	178,812	117,764,948
1981	1,988,612	91,261,394	636,404	111,594,971	0	0	21,193	21,193	185,347	132,595,378
1982	2,081,746	93,144,741	670,375	113,940,372	0	0	28,423	28,423	173,894	136,002,415
1983	2,345,652	101,787,700	803,591	126,644,325	0	0	19,276	19,276	220,926	152,509,837
1984	3,388,409	137,507,077	868,967	170,657,075	0	0	21,114	21,114	225,959	209,144,269
1985	3,774,275	172,916,230	908,769	211,485,218	0	0	20,239	20,239	340,322	258,887,694
1986	4,343,316	193,242,026	937,311	234,650,948	0	0	20,139	20,139	279,227	285,274,639
1987	4,185,436	178,764,439	908,034	221,280,754	0	0	19,742	19,742	345,116	273,582,293
1988	4,250,119	190,243,523	904,868	232,204,514	0	0	17,900	17,900	365,207	285,692,254
1989	4,131,013	193,235,261	932,599	234,752,206	0	0	19,158	19,158	422,329	288,793,777
1990	4,572,464	239,540,417	1,486,755	287,334,470	0	0	18,148	18,148	474,284	340,956,970
1991	3,541,396	179,950,983	1,141,118	217,704,419	0	0	21,018	21,018	214,683	256,709,992
1992	4,498,962	196,166,977	1,025,285	237,130,344	0	0	18,014	18,014	443,676	287,399,328
1993	4,130,377	169,493,328	1,068,135	212,607,683	0	0	20,999	20,999	599,571	272,194,889
1994	4,742,589	209,282,955	1,008,952	258,202,441	0	0	19,649	19,649	609,966	317,596,520
1995	5,000,428	173,420,265	1,061,324	221,996,699	0	0	20,277	20,277	534,971	291,322,063
1996	5,188,508	181,404,029	1,103,254	239,332,983	0	0	25,378	25,378	571,857	320,416,473
1997	4,955,229	186,736,527	1,216,560	242,784,467	0	0	24,820	24,820	428,638	324,697,346
1998	4,583,696	168,571,967	1,237,386	220,503,982	0	0	0	0	465,095	303,480,270
1999	4,999,525	190,743,059	1,255,051	246,797,974	0	0	0	0	571,720	339,038,190
2000	6,857,855	185,140,396	1,322,589	237,768,866	0	0	0	0	0	322,747,334
2001	12,472,816	374,039,724	1,616,021	456,844,302	0	0	0	0	0	559,381,046
2002	9,706,203	264,830,361	1,650,209	338,194,977	0	0	0	0	0	439,471,918
2003	10,749,765	292,850,922	1,668,182	370,868,436	0	0	20,800	20,800	0	471,725,804
2004	11,816,975	340,018,775	1,910,251	425,851,756	0	0	20,830	20,830	0	525,209,282
2005	10,870,164	313,177,979	1,398,398	415,041,159	0	0	20,827	20,827	0	526,982,496
2006	9,990,140	289,125,726	1,328,532	403,608,527	0	0	21,281	21,281	0	510,152,070
2007	13,404,138	374,415,147	1,872,597	506,531,039	0	0	20,893	20,893	0	616,442,513
2008	15,293,501	339,731,539	2,266,633	472,680,056	0	0	22,411	22,411	0	587,587,345
2009	13,008,800	303,283,557	2,071,230	427,268,755	0	0	18,220	18,220	0	534,947,277
2010	12,684,570	348,436,200	2,102,775	492,903,320	0	0	18,439	18,439	0	614,584,747
2011	12,345,961	390,860,990	2,093,481	536,571,729	0	0	20,127	20,127	0	682,727,163
2012	14,337,246	373,709,428	2,331,380	548,928,037	0	0	18,468	18,468	0	689,796,236
2013	16,984,719	363,934,633	2,271,193	516,862,076	0	0	17,664	17,664	0	661,285,120
2014	15,786,123	315,577,007	1,817,313	462,791,763	0	0	17,491	17,491	0	600,040,815
2015	15,053,147	334,723,424	1,891,533	497,504,345	0	0	17,085	17,085	0	642,157,148
2016	13,870,960	378,787,497	2,189,036	563,133,430	0	0	22,212	22,212	0	720,634,678
2017	16,249,352	430,675,773	3,898,679	638,804,223	0	0	16,925	16,925	0	806,664,379
2018	15,637,082	325,426,233	1,944,795	539,962,484	0	0	64,390	64,390	0	702,837,498
2019	15,806,900	411,223,593	5,094,113	618,466,255	0	0	26,184	26,184	0	780,777,445
2020	17,531,110	308,371,806	3,183,800	516,527,287	0	0	2,467	2,467	0	672,285,789
2021	24,523,150	318,878,662	2,849,272	523,005,152	0	0	18,481	18,481	0	685,600,067
2022	19,528,862	458,361,013	4,238,058	702,046,915	0	0	13,930	13,930	0	877,637,046
2023	19,458,000	440,204,270	4,130,615	686,380,471	0	0	13,951	13,951	0	862,656,907
2024	22,321,372	491,803,930	4,661,617	760,179,726	0	0	15,140	15,140	0	948,548,373
2025	21,913,443	483,289,575	4,571,671	748,443,253	0	0	15,289	15,289	0	931,101,396
2026	22,055,690	485,164,301	4,593,710	750,963,253	0	0	15,441	15,441	0	939,413,950
2027	21,868,419	482,447,307	4,558,399	747,598,918	0	0	15,592	15,592	0	929,450,375
2028	22,193,229	488,260,030	4,620,012	755,636,485	0	0	15,747	15,747	0	944,820,708
2029	22,480,033	495,061,069	4,680,990	765,433,036	0	0	15,902	15,902	0	957,393,141
2030	22,005,225	485,082,747	4,573,257	751,949,979	0	0	16,059	16,059	0	939,779,637
2031	22,793,917	504,586,725	4,754,533	780,244,238	0	0	16,218	16,218	0	971,894,557
2032	21,660,948	478,135,638	4,485,085	742,997,350	0	0	16,379	16,379	0	932,911,999
2033	22,817,648	504,783,378	4,752,809	781,198,956	0	0	16,541	16,541	0	973,844,079
2034	21,725,503	479,705,428	4,494,660	745,523,190	0	0	16,705	16,705	0	935,460,701
2035	24,027,111	539,332,561	5,041,051	830,848,303	0	0	16,871	16,871	0	1,033,021,073
TOTAL	705,615,806	18,164,625,362	137,601,376	25,990,611,091	0	0	1,178,876	1,178,876	8,735,974	32,670,573,959

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

² 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 2021 at 4.610 percent per annum)

Procedure	Capital Cost Component		Minimum Operation, Maintenance, Power and Replacement Component ¹		Total Delta Water Rate	
	[1]		[2]		[3]	
Commencing in 2022						
Total Costs of "Initial" Project Conservation Facilities to be Reimbursed and Project Water Table A Amounts During the Project Repayment Period	\$11,739.79 ^a	583.93 af	\$10,330.68 ^b	583.93 af	\$22,070.46	583.93 af
Less, Project Power Revenues to be Realized During the Project Repayment Period	(\$3,950.38)		(\$1,846.13)		(\$5,796.51)	
Less, Delta Water Charges Paid and Project Water Table A Amounts, Prior to 2022	(\$5,956.61) ^c	(541.57) af	(\$6,018.23)	(541.57) af	(\$11,974.85)	(541.57) af
TOTAL	\$1,832.79	42.35 af	\$2,466.31	42.35 af	\$4,299.10	42.35 af
Rate Applicable in 2022	\$43.27 per acre-foot		\$58.23 per acre-foot		\$101.50 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 ¹		Total Delta Water Rate	
	[4]		[5]		[6]	
Commencing in 2022						
Total Costs of "Initial" Project Conservation Facilities to be Reimbursed and Project Water Table A Amounts during the Project Repayment Period	\$11,715.06 ^a	583.93 af	\$10,288.34 ^b	583.93 af	\$22,003.40	583.93 af
Less, Project Power Revenues to be Realized During the Project Repayment Period	(\$3,950.38)		(\$1,846.13)		(\$5,796.51)	
Less, Delta Water Charges Paid and Project Water Table A Amounts, Prior to 2022	(\$5,956.61) ^c	(541.57) af	(\$6,018.23)	(541.57) af	(\$11,974.85)	(541.57) af
TOTAL	\$1,808.06	42.35 af	\$2,423.98	42.35 af	\$4,232.04	42.35 af
Rate Applicable in 2022	\$42.69 per acre-foot		\$57.23 per acre-foot		\$99.92 per acre-foot	

¹ 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.

^a 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.

^b Includes conservation power costs and credits at San Luis Reservoir.

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

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

Item	Capital Cost Component	Minimum Operation, Maintenance, Power and Replacement Component	Total Delta Water Rate
	[1]	[2]	[3]
Initial Conservation Facilities			
Oroville Division			
Water Supply and Power Costs ¹	168.97	108.16	277.13
Less, Oroville Power Revenues	-89.65	-43.59	-133.23
<i>Subtotal</i>	<u>79.33</u>	<u>64.57</u>	<u>143.90</u>
Delta Facilities ²	50.36	86.16	136.52
California Aqueduct portion			
Reach 1	9.74	17.78	27.52
Reach 2A	5.27	2.06	7.33
Reach 2B	2.74	1.53	4.27
Reach 3	1.87	0.84	2.71
<i>Subtotal</i>	<u>19.62</u>	<u>22.21</u>	<u>41.83</u>
San Luis Facilities	30.15	26.39	56.53
Planning and Preoperating Costs through 2020	7.49	0.00	7.49
45,000 acre-feet Relinquished Costs	0.58	1.00	1.58
Less, Capital Cost Credits	-3.62	0.00	-3.62
Less, Delta Water Charges paid prior to 2022	-140.64	-142.09	-282.73
Rate Applicable in 2022	<u>43.27</u>	<u>58.23</u>	<u>101.50</u>

¹Includes revenue received from non-SWP water contractors.

²Includes: 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	1,058,212	2,581,466	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
2021	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
2022	2,946,126	4,847,379	7,793,505	8,183,073	4,263,127	10,150,303	22,596,503	2,537,575	4,616,967	7,154,542
2023	2,946,126	4,847,379	7,793,505	8,183,073	4,263,127	10,150,303	22,596,503	2,537,575	4,616,967	7,154,542
2024	2,946,126	4,847,379	7,793,505	8,183,073	4,263,127	10,150,303	22,596,503	2,537,575	4,616,967	7,154,542
2025	2,946,126	4,847,379	7,793,505	8,183,073	4,263,127	10,150,303	22,596,503	2,537,575	4,616,967	7,154,542
2026	2,946,126	4,847,379	7,793,505	8,183,073	4,263,127	10,150,303	22,596,503	2,537,575	4,616,967	7,154,542
2027	2,946,126	4,847,379	7,793,505	8,183,073	4,263,127	10,150,303	22,596,503	2,537,575	4,616,967	7,154,542
2028	2,946,126	4,847,379	7,793,505	8,183,073	4,263,127	10,150,303	22,596,503	2,537,575	4,616,967	7,154,542
2029	2,946,126	4,847,379	7,793,505	8,183,073	4,263,127	10,150,303	22,596,503	2,537,575	4,616,967	7,154,542
2030	2,946,126	4,847,379	7,793,505	8,183,073	4,263,127	10,150,303	22,596,503	2,537,575	4,616,967	7,154,542
2031	2,946,126	4,847,379	7,793,505	8,183,073	4,263,127	10,150,303	22,596,503	2,537,575	4,616,967	7,154,542
2032	2,946,126	4,847,379	7,793,505	8,183,073	4,263,127	10,150,303	22,596,503	2,537,575	4,616,967	7,154,542
2033	2,946,126	4,847,379	7,793,505	8,183,073	4,263,127	10,150,303	22,596,503	2,537,575	4,616,967	7,154,542
2034	2,946,126	4,847,379	7,793,505	8,183,073	4,263,127	10,150,303	22,596,503	2,537,575	4,616,967	7,154,542
2035	2,946,126	4,847,379	7,793,505	8,183,073	4,263,127	10,150,303	22,596,503	2,537,575	4,616,967	7,154,542
TOTAL	70,025,728	121,445,467	191,471,195	206,997,578	115,849,114	282,251,334	605,098,026	65,932,762	120,579,499	186,512,261

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	2,156,805	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
2021	3,537,614	252,318	0	11,515,425	72,560,010	796,070	487,652	7,483,401	96,632,490
2022	4,197,150	299,758	0	13,662,307	86,087,765	944,485	578,567	8,878,572	114,648,604
2023	4,197,150	299,758	0	13,662,307	86,087,765	944,485	578,567	8,878,572	114,648,604
2024	4,197,150	299,758	0	13,662,307	86,087,765	944,485	578,567	8,878,572	114,648,604
2025	4,197,150	299,758	0	13,662,307	86,087,765	944,485	578,567	8,878,572	114,648,604
2026	4,197,150	299,758	0	13,662,307	86,087,765	944,485	578,567	8,878,572	114,648,604
2027	4,197,150	299,758	0	13,662,307	86,087,765	944,485	578,567	8,878,572	114,648,604
2028	4,197,150	299,758	0	13,662,307	86,087,765	944,485	578,567	8,878,572	114,648,604
2029	4,197,150	299,758	0	13,662,307	86,087,765	944,485	578,567	8,878,572	114,648,604
2030	4,197,150	299,758	0	13,662,307	86,087,765	944,485	578,567	8,878,572	114,648,604
2031	4,197,150	299,758	0	13,662,307	86,087,765	944,485	578,567	8,878,572	114,648,604
2032	4,197,150	299,758	0	13,662,307	86,087,765	944,485	578,567	8,878,572	114,648,604
2033	4,197,150	299,758	0	13,662,307	86,087,765	944,485	578,567	8,878,572	114,648,604
2034	4,197,150	299,758	0	13,662,307	86,087,765	944,485	578,567	8,878,572	114,648,604
2035	4,197,150	299,758	0	13,662,307	86,087,765	944,485	578,567	8,878,572	114,648,604
TOTAL	127,223,956	8,446,929	0	367,995,181	2,398,438,320	23,147,206	15,952,903	257,415,948	3,198,620,443

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	803,931	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	482,258
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
2021	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
2022	14,702,105	14,042,944	588,718	5,658,794	233,457	9,114,972	2,162,014	10,414,211	2,923,288	1,756,003
2023	14,702,105	14,042,944	588,718	5,658,794	233,457	9,114,972	2,162,014	10,414,211	2,923,288	1,756,003
2024	14,702,105	14,042,944	588,718	5,658,794	233,457	9,114,972	2,162,014	10,414,211	2,923,288	1,756,003
2025	14,702,105	14,042,944	588,718	5,658,794	233,457	9,114,972	2,162,014	10,414,211	2,923,288	1,756,003
2026	14,702,105	14,042,944	588,718	5,658,794	233,457	9,114,972	2,162,014	10,414,211	2,923,288	1,756,003
2027	14,702,105	14,042,944	588,718	5,658,794	233,457	9,114,972	2,162,014	10,414,211	2,923,288	1,756,003
2028	14,702,105	14,042,944	588,718	5,658,794	233,457	9,114,972	2,162,014	10,414,211	2,923,288	1,756,003
2029	14,702,105	14,042,944	588,718	5,658,794	233,457	9,114,972	2,162,014	10,414,211	2,923,288	1,756,003
2030	14,702,105	14,042,944	588,718	5,658,794	233,457	9,114,972	2,162,014	10,414,211	2,923,288	1,756,003
2031	14,702,105	14,042,944	588,718	5,658,794	233,457	9,114,972	2,162,014	10,414,211	2,923,288	1,756,003
2032	14,702,105	14,042,944	588,718	5,658,794	233,457	9,114,972	2,162,014	10,414,211	2,923,288	1,756,003
2033	14,702,105	14,042,944	588,718	5,658,794	233,457	9,114,972	2,162,014	10,414,211	2,923,288	1,756,003
2034	14,702,105	14,042,944	588,718	5,658,794	233,457	9,114,972	2,162,014	10,414,211	2,923,288	1,756,003
2035	14,702,105	14,042,944	588,718	5,658,794	233,457	9,114,972	2,162,014	10,414,211	2,923,288	1,756,003
TOTAL	387,777,671	321,192,541	15,885,610	143,367,448	6,296,858	227,547,360	57,307,302	283,429,174	79,364,926	42,938,569

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 ¹	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	23,350	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	1,591,511	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
2021	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
2022	9,663,088	194,023,043	2,030,061	267,312,698	974,429	2,791,333	269,783	4,035,545	0	423,541,397
2023	9,663,088	194,023,043	2,030,061	267,312,698	974,429	2,791,333	269,783	4,035,545	0	423,541,397
2024	9,663,088	194,023,043	2,030,061	267,312,698	974,429	2,791,333	269,783	4,035,545	0	423,541,397
2025	9,663,088	194,023,043	2,030,061	267,312,698	974,429	2,791,333	269,783	4,035,545	0	423,541,397
2026	9,663,088	194,023,043	2,030,061	267,312,698	974,429	2,791,333	269,783	4,035,545	0	423,541,397
2027	9,663,088	194,023,043	2,030,061	267,312,698	974,429	2,791,333	269,783	4,035,545	0	423,541,397
2028	9,663,088	194,023,043	2,030,061	267,312,698	974,429	2,791,333	269,783	4,035,545	0	423,541,397
2029	9,663,088	194,023,043	2,030,061	267,312,698	974,429	2,791,333	269,783	4,035,545	0	423,541,397
2030	9,663,088	194,023,043	2,030,061	267,312,698	974,429	2,791,333	269,783	4,035,545	0	423,541,397
2031	9,663,088	194,023,043	2,030,061	267,312,698	974,429	2,791,333	269,783	4,035,545	0	423,541,397
2032	9,663,088	194,023,043	2,030,061	267,312,698	974,429	2,791,333	269,783	4,035,545	0	423,541,397
2033	9,663,088	194,023,043	2,030,061	267,312,698	974,429	2,791,333	269,783	4,035,545	0	423,541,397
2034	9,663,088	194,023,043	2,030,061	267,312,698	974,429	2,791,333	269,783	4,035,545	0	423,541,397
2035	9,663,088	194,023,043	2,030,061	267,312,698	974,429	2,791,333	269,783	4,035,545	0	423,541,397
TOTAL	247,533,827	5,294,772,819	53,171,692	7,160,585,797	25,142,563	62,521,043	6,344,933	94,008,539	0	11,436,296,261

¹ 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 Contractor¹ (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	181,804	219,443	401,247	346,972	156,975	438,260	942,207	109,443	692,021	801,464
2021	812,164	980,417	1,792,581	1,549,328	700,813	1,957,771	4,207,912	489,161	3,097,503	3,586,664
2022	866,530	1,047,753	1,914,283	1,654,352	748,668	2,088,769	4,491,789	521,879	3,294,787	3,816,666
2023	881,973	1,066,426	1,948,399	1,683,835	762,010	2,125,994	4,571,839	531,180	3,353,506	3,884,686
2024	869,349	1,051,162	1,920,511	1,659,735	751,104	2,095,565	4,506,404	523,577	3,305,507	3,829,084
2025	841,503	1,017,491	1,858,994	1,606,570	727,045	2,028,440	4,362,055	506,806	3,199,626	3,706,432
2026	815,791	986,403	1,802,194	1,557,483	704,831	1,966,464	4,228,778	491,321	3,101,865	3,593,186
2027	847,187	1,024,365	1,871,552	1,617,423	731,956	2,042,143	4,391,522	510,230	3,221,240	3,731,470
2028	768,728	929,497	1,698,225	1,467,631	664,169	1,853,017	3,984,817	462,976	2,922,916	3,385,892
2029	789,718	954,876	1,744,594	1,507,704	682,303	1,903,613	4,093,620	475,618	3,002,725	3,478,343
2030	598,518	723,690	1,322,208	1,142,673	517,110	1,442,727	3,102,510	360,465	2,275,733	2,636,198
2031	601,975	727,870	1,329,845	1,149,271	520,096	1,451,059	3,120,426	362,547	2,288,875	2,651,422
2032	603,229	729,386	1,332,615	1,151,666	521,180	1,454,082	3,126,928	363,303	2,293,644	2,656,947
2033	603,212	729,366	1,332,578	1,151,634	521,166	1,454,042	3,126,842	363,293	2,293,580	2,656,873
2034	603,736	729,999	1,333,735	1,152,634	521,618	1,455,305	3,129,557	363,608	2,295,572	2,659,180
2035	603,616	729,854	1,333,470	1,152,405	521,514	1,455,015	3,128,934	363,536	2,295,115	2,658,651
TOTAL	18,848,018	24,197,399	43,045,417	36,720,267	17,651,725	49,352,715	103,724,707	12,643,960	76,535,192	89,179,152

¹ For years 1988 through 2020, charges are debt service only and do not include bond cover; 2021 charges and after include bond cover.

TABLE B-22 Water System Revenue Bond Surcharge for Each Contractor¹ (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]
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	117,982	6,197	0	319,782	2,521,416	19,435	11,676	229,698	3,226,186
2021	528,049	27,705	0	1,427,065	11,282,062	86,576	52,128	1,028,505	14,432,090
2022	528,778	29,638	0	1,527,917	12,021,265	92,916	55,882	1,096,892	15,353,288
2023	538,202	30,166	0	1,555,147	12,235,504	94,572	56,878	1,116,440	15,626,909
2024	530,499	29,734	0	1,532,888	12,060,379	93,218	56,064	1,100,461	15,403,243
2025	513,506	28,782	0	1,483,787	11,674,063	90,232	54,268	1,065,211	14,909,849
2026	497,816	27,903	0	1,438,452	11,317,374	87,475	52,610	1,032,665	14,454,295
2027	516,975	28,976	0	1,493,811	11,752,924	90,842	54,635	1,072,407	15,010,570
2028	469,097	26,293	0	1,355,467	10,664,469	82,429	49,575	973,090	13,620,420
2029	481,905	27,011	0	1,392,477	10,955,657	84,680	50,928	999,660	13,992,318
2030	365,231	20,471	0	1,055,343	8,303,172	64,178	38,598	757,631	10,604,624
2031	367,340	20,589	0	1,061,437	8,351,122	64,548	38,821	762,006	10,665,863
2032	368,105	20,632	0	1,063,649	8,368,522	64,683	38,902	763,594	10,688,087
2033	368,095	20,632	0	1,063,620	8,368,291	64,681	38,901	763,573	10,687,793
2034	368,415	20,650	0	1,064,543	8,375,557	64,737	38,935	764,236	10,697,073
2035	368,341	20,646	0	1,064,331	8,373,891	64,724	38,927	764,084	10,694,944
TOTAL	13,762,185	708,197	0	36,231,625	270,741,267	2,032,471	1,328,680	27,341,613	352,146,038

¹For years 1988 through 2020, charges are debt service only and do not include bond cover; 2021 charges and after include bond cover.

TABLE B-22 Water System Revenue Bond Surcharge for Each Contractor¹ (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	154,007	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	535,543	518,269	31,472	247,847	8,675	375,638	72,934	618,674	164,626	100,544
2021	2,384,196	2,302,386	139,663	1,100,987	38,591	1,671,669	324,423	2,745,788	730,914	446,336
2022	2,541,404	2,441,153	148,480	1,169,893	41,124	1,812,755	345,989	2,917,146	776,752	474,290
2023	2,586,696	2,484,658	151,126	1,190,742	41,857	1,845,061	352,155	2,969,134	790,595	482,743
2024	2,549,673	2,449,096	148,963	1,173,700	41,258	1,818,653	347,115	2,926,638	779,279	475,833
2025	2,468,002	2,370,647	144,192	1,136,104	39,936	1,760,398	335,996	2,832,892	754,318	460,591
2026	2,392,595	2,298,214	139,786	1,101,391	38,716	1,706,611	325,730	2,746,336	731,270	446,519
2027	2,484,674	2,386,661	145,166	1,143,778	40,206	1,772,290	338,266	2,852,029	759,413	463,703
2028	2,254,565	2,165,629	131,722	1,037,851	36,482	1,608,156	306,938	2,587,898	689,083	420,759
2029	2,316,125	2,224,760	135,318	1,066,189	37,479	1,652,066	315,319	2,658,560	707,898	432,247
2030	1,755,366	1,686,122	102,556	808,053	28,405	1,252,083	238,977	2,014,893	536,508	327,595
2031	1,765,503	1,695,859	103,148	812,720	28,569	1,259,313	240,357	2,026,529	539,606	329,487
2032	1,769,181	1,699,392	103,363	814,413	28,628	1,261,937	240,858	2,030,751	540,731	330,174
2033	1,769,132	1,699,345	103,360	814,391	28,627	1,261,902	240,851	2,030,695	540,716	330,165
2034	1,770,668	1,700,821	103,450	815,098	28,652	1,262,998	241,060	2,032,459	541,185	330,451
2035	1,770,316	1,700,482	103,430	814,936	28,647	1,262,747	241,012	2,032,054	541,078	330,386
TOTAL	59,834,920	51,132,647	3,589,747	26,808,074	990,738	41,912,095	8,206,185	70,838,878	18,795,171	9,833,783

¹ For years 1988 through 2020, charges are debt service only and do not include bond cover; 2021 charges and after include bond cover.

TABLE B-22 Water System Revenue Bond Surcharge for Each Contractor¹ (in dollars)

Calendar Year	SOUTHERN CALIFORNIA AREA (continued)				FEATHER RIVER AREA				South Bay Area Future Contractor	Grand Total
	Santa Clarita ²	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	980	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	430,917	10,168,517	89,368	13,363,024	17,271	49,473	6,630	73,374	0	18,807,502
2021	1,919,680	45,221,634	397,585	59,423,852	77,030	220,657	29,542	327,229	0	83,770,328
2022	2,041,440	48,061,597	423,084	63,195,107	82,706	236,920	31,579	351,205	0	89,122,338
2023	2,077,822	48,918,135	430,624	64,321,348	84,180	241,142	32,142	357,464	0	90,710,645
2024	2,048,082	48,217,978	424,461	63,400,729	82,975	237,691	31,682	352,348	0	89,412,319
2025	1,982,478	46,673,466	410,864	61,369,884	80,317	230,077	30,667	341,061	0	86,548,275
2026	1,921,906	45,247,408	398,311	59,494,793	77,863	223,047	29,730	330,640	0	83,903,886
2027	1,995,871	46,988,759	413,640	61,784,456	80,860	231,631	30,874	343,365	0	87,132,935
2028	1,811,030	42,637,059	375,332	56,062,504	73,371	210,180	28,015	311,566	0	79,063,424
2029	1,860,479	43,801,245	385,580	57,593,265	75,375	215,919	28,780	320,074	0	81,222,214
2030	1,410,037	33,196,484	292,227	43,649,306	57,126	163,642	21,812	242,580	0	61,557,426
2031	1,418,180	33,388,188	293,915	43,901,374	57,456	164,587	21,938	243,981	0	61,912,911
2032	1,421,135	33,457,758	294,527	43,992,848	57,575	164,930	21,984	244,489	0	62,041,914
2033	1,421,095	33,456,833	294,519	43,991,631	57,574	164,926	21,983	244,483	0	62,040,200
2034	1,422,329	33,485,881	294,775	44,029,827	57,624	165,069	22,002	244,695	0	62,094,067
2035	1,422,046	33,479,217	294,716	44,021,067	57,612	165,036	21,998	244,646	0	62,081,712
TOTAL	51,656,351	1,163,101,428	10,176,927	1,516,876,944	1,947,246	4,117,948	665,687	6,730,881	0	2,111,703,139

¹ For years 1988 through 2020, charges are debt service only and do not include bond cover; 2021 charges and after include bond cover.

² 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 Contractor¹ (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	671,555	633,184	2,178,465	3,483,204	115,961	229,807	345,768
1969	254,715	0	254,715	805,808	583,436	2,298,736	3,687,980	185,156	358,861	544,017
1970	277,547	0	277,547	891,980	640,297	2,787,967	4,320,244	200,150	387,675	587,825
1971	227,474	0	227,474	833,684	675,193	2,807,017	4,315,894	202,413	392,912	595,325
1972	224,978	0	224,978	918,220	822,397	3,027,749	4,768,366	209,057	406,589	615,646
1973	221,091	31,366	252,457	904,900	716,492	3,120,787	4,742,179	206,557	402,724	609,281
1974	240,498	32,938	273,437	945,700	746,932	3,325,022	5,017,654	208,545	407,090	615,635
1975	237,459	36,291	273,750	1,004,502	793,055	3,214,046	5,011,603	225,895	439,873	665,768
1976	271,292	40,836	312,127	1,117,722	943,464	3,362,542	5,423,727	228,976	447,299	676,275
1977	293,627	45,096	338,723	1,086,535	925,203	3,303,461	5,312,200	238,699	468,721	707,420
1978	273,870	49,178	323,048	1,175,553	935,818	3,712,581	5,823,952	245,331	484,259	729,590
1979	289,479	53,340	342,819	1,272,282	1,009,566	3,819,533	6,101,381	243,110	483,437	726,547
1980	310,846	86,073	396,919	1,425,504	1,173,798	4,119,071	6,718,373	282,254	540,553	822,807
1981	347,781	112,848	460,629	1,534,163	1,349,125	4,507,566	7,390,853	307,065	596,671	903,736
1982	438,335	141,835	580,171	1,614,925	1,369,536	4,941,393	7,925,854	328,215	682,545	1,010,760
1983	354,787	163,294	518,081	1,485,620	1,260,138	4,910,241	7,655,999	357,218	752,883	1,059,301
1984	467,336	246,698	714,034	1,795,561	1,478,394	6,870,249	10,144,205	409,529	801,057	1,210,586
1985	736,074	386,306	1,122,380	2,293,399	2,225,097	7,796,485	12,314,981	500,696	969,931	1,470,626
1986	1,120,086	714,246	1,834,332	2,162,344	2,014,104	8,193,845	12,370,293	536,751	1,038,031	1,574,782
1987	1,773,801	1,582,227	3,356,028	2,659,141	2,505,662	7,980,255	13,145,058	570,644	1,148,974	1,719,618
1988	2,349,572	2,524,763	4,874,335	2,720,533	2,774,430	7,830,285	13,325,247	673,071	1,439,620	2,112,691
1989	2,548,764	3,701,385	6,250,149	2,704,484	2,515,471	7,578,850	12,798,805	772,570	1,814,759	2,587,329
1990	2,900,024	3,848,934	6,748,958	3,139,916	2,929,775	8,355,392	14,425,083	933,367	2,046,370	2,979,737
1991	2,941,321	4,170,227	7,111,548	2,411,573	2,384,246	6,430,834	11,226,653	979,709	2,366,841	3,346,550
1992	2,797,727	4,144,993	6,942,720	2,885,225	2,927,115	7,656,940	13,469,280	1,118,807	2,526,861	3,645,668
1993	2,855,497	4,172,491	7,027,988	3,741,653	2,977,354	8,849,995	15,569,002	1,185,665	2,726,057	3,911,722
1994	2,987,938	4,225,291	7,213,229	3,778,440	3,586,255	9,613,545	16,978,239	1,335,974	3,518,042	4,854,012
1995	2,961,322	4,405,219	7,366,541	4,026,946	3,313,350	8,393,828	15,734,125	1,647,817	6,195,415	7,843,231
1996	3,045,021	4,898,210	7,943,232	3,634,532	3,178,398	9,228,554	16,041,483	2,592,043	15,232,542	17,824,585
1997	3,028,005	4,734,808	7,762,813	3,860,915	3,145,550	9,338,016	16,344,481	3,002,832	23,737,164	26,739,996
1998	2,936,062	4,588,897	7,524,960	3,467,565	3,201,607	9,077,806	15,746,977	3,254,940	28,393,640	31,648,580
1999	3,155,415	5,072,111	8,227,526	4,175,936	3,675,328	11,386,055	19,237,318	3,803,351	29,662,252	33,465,603
2000	3,463,380	5,623,325	9,086,705	5,805,039	3,598,049	10,229,605	19,632,693	3,765,269	30,291,477	34,056,746
2001	4,080,092	6,371,174	10,451,266	9,741,446	4,082,024	11,628,753	25,452,223	4,315,191	32,422,390	36,737,581
2002	4,328,511	6,571,284	10,899,794	13,279,711	4,091,231	13,167,304	30,538,246	4,043,387	32,107,699	36,151,087
2003	4,446,698	6,915,763	11,362,462	9,901,585	3,807,457	11,948,846	25,657,888	4,120,206	32,395,489	36,515,694
2004	4,982,485	7,259,825	12,242,309	8,265,647	4,208,939	11,650,128	24,124,714	4,190,181	32,929,549	37,119,730
2005	4,331,144	6,736,760	11,067,905	8,659,084	4,335,996	12,355,021	25,350,102	4,295,770	32,950,021	37,245,791
2006	4,289,083	6,319,024	10,608,107	9,177,141	4,403,295	12,662,103	26,242,540	4,183,980	32,757,185	36,941,165
2007	4,404,260	6,663,062	11,067,321	10,906,747	4,824,329	13,643,588	29,374,664	4,259,725	33,479,869	37,739,594
2008	5,195,890	6,766,894	11,962,784	14,270,091	5,234,701	14,116,284	33,621,076	4,848,973	35,159,946	40,008,919
2009	5,731,723	6,989,787	12,721,510	15,600,120	4,907,148	14,215,307	34,722,575	4,754,534	33,920,849	38,675,383
2010	6,356,551	8,750,976	15,107,527	18,203,214	5,561,242	15,780,408	39,544,864	5,273,098	36,266,858	41,539,956
2011	6,857,780	9,362,041	16,219,821	21,780,668	6,430,350	18,048,475	46,259,493	5,457,212	37,646,229	43,103,441
2012	7,462,897	9,413,462	16,876,359	24,300,958	6,498,158	20,441,678	51,240,794	5,520,368	37,966,250	43,486,619
2013	7,218,726	9,315,516	16,534,242	26,584,050	7,379,018	20,784,146	54,747,214	5,827,063	39,612,336	45,439,400
2014	7,823,531	9,810,697	17,634,228	26,680,568	7,563,978	20,654,043	54,898,589	5,632,101	36,850,290	42,482,391
2015	8,375,009	10,505,586	18,880,595	29,228,974	7,668,995	23,572,457	60,470,427	6,604,459	39,481,466	46,085,925
2016	9,049,711	11,677,549	20,727,260	30,867,682	7,741,216	30,641,956	69,250,854	6,677,983	44,520,979	51,198,962
2017	7,989,899	10,070,848	18,060,747	31,343,269	8,024,725	26,947,183	66,315,177	6,720,109	48,043,990	54,764,099
2018	8,894,340	11,142,823	20,037,162	33,128,089	8,529,535	27,154,968	68,812,592	6,866,418	46,763,339	53,629,757
2019	8,700,839	10,722,742	19,423,581	32,646,125	8,208,836	22,393,457	63,248,418	6,633,682	43,079,897	49,713,579
2020	10,321,032	11,819,188	22,140,220	32,933,571	8,963,938	23,418,389	65,315,898	6,990,935	42,024,826	49,015,761
2021	11,658,401	13,973,082	25,631,484	38,159,910	11,761,068	30,832,099	80,753,077	7,894,018	43,826,992	51,721,010
2022	11,968,720	14,132,196	26,100,917	37,883,129	10,980,038	29,416,824	78,279,992	9,350,388	48,075,992	57,426,380
2023	11,639,253	13,848,303	25,487,556	38,267,697	11,147,526	29,839,614	79,254,836	9,513,838	48,645,083	58,158,920
2024	12,029,442	14,640,884	26,670,326	39,700,952	11,716,535	31,236,313	82,653,800	10,318,075	50,806,009	61,124,084
2025	12,023,340	14,645,873	26,669,212	39,360,864	11,530,528	30,790,261	81,681,653	10,226,148	50,580,844	60,806,991
2026	12,029,072	14,654,890	26,683,962	39,687,283	11,690,625	31,176,239	82,554,147	10,305,067	50,750,497	61,055,565
2027	12,096,343	14,734,725	26,831,068	39,408,424	11,527,779	30,809,750	81,745,953	10,238,496	50,745,934	60,984,430
2028	12,053,392	14,682,133	26,735,525	39,720,692	11,686,660	31,174,399	82,581,751	10,306,831	50,762,300	61,069,131
2029	12,110,388	14,750,387	26,860,775	39,952,657	11,790,634	31,441,469	83,184,760	10,372,518	51,020,240	61,392,758
2030	11,948,327	14,551,365	26,499,692	39,406,407	11,516,923	30,737,688	81,661,018	10,210,871	50,254,972	60,465,842
2031	11,977,059	14,582,577	26,559,636	39,639,002	11,623,343	30,999,200	82,261,545	10,275,146	50,458,193	60,733,338
2032	12,006,135	14,611,741	26,617,876	39,637,619	11,607,923	30,987,655	82,233,197	10,270,649	50,524,614	60,795,262
2033	12,015,655	14,613,388	26,629,044	39,796,063	11,677,616	31,157,620	82,631,298	10,320,373	50,704,538	61,024,911
2034	11,984,774	14,586,819	26,571,593	39,732,384	11,628,126	31,062,669	82,423,179	10,300,556	50,730,003	61,030,559
2035	11,879,178	14,490,617	26,369,795	40,390,489	11,957,538	31,842,687	84,190,714	10,487,071	51,203,028	61,690,098
TOTAL	356,779,069	450,517,207	807,296,276	1,072,970,557	361,198,845	1,034,500,151	2,468,669,552	288,576,500	1,661,046,131	1,949,622,631

¹ Capital charges repaid through bond debt service prior to 2020 exclude bond cover; capital charges for 2021 and after include both bond debt service and bond cover.

TABLE B-23 Total Transportation and Delta Water Charge for Each Contractor¹ (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]
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	231,382	19,684	54,588	445,439	1,738,344	16,947	20,074	312,689	2,839,146
1969	247,571	11,844	87,576	525,094	2,788,189	16,825	19,845	479,128	4,176,073
1970	313,311	35,280	94,675	573,998	3,950,855	21,435	30,885	536,320	5,556,758
1971	335,717	38,008	95,695	605,889	5,295,579	27,175	35,204	728,537	7,161,803
1972	390,336	41,269	98,788	631,615	7,311,283	26,473	64,817	2,034,392	10,598,973
1973	408,562	39,891	97,550	1,025,888	7,463,372	28,816	39,845	801,015	9,904,939
1974	522,048	41,105	98,460	1,144,792	8,194,173	29,544	43,212	1,073,938	11,147,273
1975	697,745	41,554	106,703	1,197,166	9,612,135	31,240	48,848	1,593,154	13,328,544
1976	733,027	44,075	108,084	1,323,840	10,874,205	32,666	52,870	1,468,379	14,637,146
1977	593,062	39,992	112,554	1,367,404	11,211,573	34,434	54,913	1,163,158	14,577,090
1978	712,532	36,029	115,521	1,565,884	13,574,204	38,927	59,766	1,198,988	17,301,851
1979	798,513	48,828	114,253	1,668,951	15,679,538	43,065	71,377	1,756,379	20,180,903
1980	980,550	50,563	125,950	1,770,264	17,348,931	48,021	96,008	1,702,818	22,123,105
1981	1,229,489	84,929	134,169	2,430,802	22,984,461	66,495	101,445	2,315,723	29,347,514
1982	1,265,605	71,123	135,057	2,523,660	25,410,775	70,662	109,129	2,312,228	31,898,239
1983	1,200,711	53,473	149,202	2,085,047	25,092,115	75,442	88,143	510,830	29,254,964
1984	1,511,170	29,455	164,505	3,396,379	33,845,481	94,320	122,325	1,568,037	40,731,673
1985	1,787,900	130,885	184,905	3,891,204	39,845,862	117,583	140,424	2,835,358	48,934,122
1986	2,030,668	80,262	180,445	4,079,838	43,943,853	136,715	154,117	3,695,451	54,301,349
1987	1,906,800	96,180	179,872	4,570,841	43,279,695	137,332	152,376	3,790,164	54,113,260
1988	1,992,705	110,558	193,735	4,734,502	45,245,335	138,278	147,572	3,946,458	56,509,142
1989	2,148,286	102,685	187,913	4,677,357	47,458,084	137,085	167,436	4,429,711	59,308,557
1990	1,896,131	87,889	221,392	4,827,893	46,256,205	121,154	149,757	4,011,402	57,571,821
1991	1,712,201	81,178	220,282	4,535,869	38,131,860	103,909	135,767	3,552,412	48,473,478
1992	2,259,775	105,997	241,455	5,550,167	49,328,956	143,783	176,750	4,591,242	62,398,126
1993	2,481,930	121,000	264,959	5,806,060	55,230,123	161,522	196,315	5,345,096	69,607,005
1994	2,286,753	108,505	306,359	5,210,309	52,700,663	145,625	179,127	5,717,796	65,655,136
1995	2,883,213	116,423	304,297	6,621,491	61,160,818	180,802	211,460	5,576,630	77,055,135
1996	2,073,902	126,112	389,203	6,671,115	59,220,242	178,474	191,072	7,142,396	75,992,516
1997	2,785,165	101,517	276,681	6,521,956	57,995,134	138,117	213,272	4,764,526	72,796,368
1998	2,630,846	120,809	381,847	5,733,156	54,570,636	143,433	204,882	5,017,826	68,803,434
1999	2,723,554	136,959	366,294	6,360,397	58,133,861	184,039	219,747	7,490,403	75,615,254
2000	2,617,392	121,689	303,341	6,103,419	51,916,157	174,236	214,372	6,222,142	67,672,748
2001	3,290,396	146,465	328,028	5,650,458	59,108,056	192,167	260,353	6,486,032	75,461,953
2002	3,011,376	128,681	321,344	6,172,131	54,106,899	187,442	239,853	5,832,939	70,000,665
2003	3,059,958	132,411	339,960	6,533,590	56,591,626	202,324	239,016	6,112,372	73,211,257
2004	3,247,718	169,060	342,620	7,858,474	57,186,999	357,726	254,601	5,865,281	75,282,478
2005	3,808,376	177,727	355,586	7,015,136	67,794,831	692,439	251,445	6,705,469	86,801,010
2006	3,641,860	168,904	295,459	7,509,019	65,036,345	538,976	256,840	5,944,656	83,392,059
2007	3,425,474	159,982	334,132	7,120,758	61,814,649	523,470	253,788	5,880,893	79,513,146
2008	3,400,422	157,734	471,586	7,772,665	62,813,643	549,597	262,345	5,575,882	81,003,872
2009	3,274,916	154,555	437,333	6,915,665	61,046,009	522,615	261,398	5,463,090	78,075,581
2010	3,625,405	232,657	507,046	8,081,336	72,288,689	648,720	325,284	6,479,982	92,189,119
2011	4,582,759	220,061	506,678	9,734,760	90,705,163	742,264	357,439	6,954,525	113,803,649
2012	3,751,745	231,214	467,874	9,792,338	83,589,583	765,025	366,267	7,883,105	106,847,152
2013	4,235,167	233,034	519,611	10,356,741	85,988,644	753,938	381,831	7,395,171	109,864,136
2014	4,043,207	211,096	630,817	9,495,307	79,796,391	684,443	372,723	6,524,858	101,758,842
2015	4,410,667	260,274	755,570	12,027,406	95,077,657	832,392	451,160	8,104,102	121,919,229
2016	4,918,572	316,265	484,982	13,315,539	106,542,914	975,601	522,122	9,515,773	136,591,767
2017	5,322,342	295,467	481,144	13,117,366	114,026,223	1,007,285	513,302	9,365,808	144,128,937
2018	5,207,346	301,615	617,513	12,492,799	105,511,615	946,593	514,204	9,158,554	134,750,237
2019	5,171,880	316,655	602,195	13,262,698	117,813,640	1,003,364	527,893	10,632,421	149,330,747
2020	5,112,325	335,889	678,379	14,430,556	114,935,939	1,067,406	582,753	9,866,579	147,009,825
2021	5,527,123	348,356	751,957	16,121,134	120,369,239	1,250,464	647,924	11,751,234	156,767,431
2022	6,453,253	431,551	763,705	20,266,153	148,170,843	1,393,000	762,188	13,297,401	191,538,093
2023	6,448,939	431,650	791,960	20,351,108	148,108,850	1,398,303	763,040	13,292,310	191,586,160
2024	6,574,062	440,235	839,419	20,947,439	151,213,843	1,428,900	773,950	13,539,845	195,757,694
2025	6,374,096	426,657	845,203	20,481,369	147,116,943	1,386,717	747,923	13,136,575	190,515,482
2026	6,524,572	437,167	851,346	20,799,228	150,177,384	1,419,272	767,982	13,436,240	194,413,190
2027	6,327,236	423,307	857,178	20,380,842	146,326,430	1,376,295	740,685	13,040,709	189,472,683
2028	6,491,405	435,169	861,283	20,713,354	149,621,647	1,412,923	763,195	13,365,602	193,664,577
2029	6,573,899	440,638	867,572	20,917,501	151,474,734	1,429,881	772,867	13,530,847	196,007,939
2030	6,320,359	424,641	873,954	20,259,803	146,031,273	1,380,012	742,478	13,013,221	189,045,741
2031	6,420,007	431,426	879,104	20,520,168	148,423,352	1,400,687	753,437	13,212,112	192,040,292
2032	6,364,753	427,573	885,898	20,331,770	147,002,792	1,388,786	747,867	13,100,227	190,249,666
2033	6,424,415	431,634	892,435	20,535,214	148,683,892	1,401,284	752,942	13,218,755	192,340,569
2034	6,343,524	426,021	898,758	20,286,270	146,770,622	1,383,764	743,817	13,055,397	189,908,173
2035	6,688,980	449,741	905,040	21,199,555	154,682,583	1,457,136	784,318	13,747,092	199,914,444
TOTAL	224,787,083	13,231,263	28,386,025	603,421,846	4,842,742,640	37,145,783	22,372,379	442,169,779	6,214,256,798

¹ Capital charges repaid through bond debt service prior to 2020 exclude bond cover; capital charges for 2021 and after include both bond debt service and bond cover.

TABLE B-23 Total Transportation and Delta Water Charge for Each Contractor¹ (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	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	346,566	95,466	782,163	208,927	128,915
1969	1,090,136	334,105	61,226	394,024	18,693	517,986	138,063	1,205,834	321,755	198,764
1970	1,420,639	470,423	89,700	552,223	25,231	716,628	184,837	1,778,187	467,573	289,633
1971	1,760,670	627,331	128,360	754,065	31,837	962,401	231,280	2,538,219	659,414	409,327
1972	2,245,455	819,635	185,868	1,035,804	43,771	1,297,796	287,620	3,758,473	950,297	537,186
1973	2,399,531	971,770	190,992	1,264,690	46,059	1,393,737	313,446	4,026,451	961,024	587,963
1974	2,520,870	998,399	204,074	1,305,235	48,933	1,455,113	331,702	4,463,660	1,104,491	611,428
1975	2,739,680	1,047,544	219,290	1,381,319	53,242	1,544,775	355,270	4,638,827	1,208,046	644,621
1976	3,204,880	1,106,524	232,129	1,474,438	57,732	1,622,874	381,276	4,838,364	1,278,740	668,315
1977	3,187,208	1,008,676	245,111	1,317,096	54,209	1,712,129	406,620	5,094,241	1,336,313	696,515
1978	3,635,572	1,208,919	255,468	1,618,071	56,805	1,761,251	420,026	5,801,935	1,374,033	709,040
1979	4,309,554	1,295,874	267,791	1,740,645	60,285	1,938,733	449,757	5,136,839	1,342,135	712,866
1980	4,994,298	1,406,781	295,350	1,941,392	67,604	2,112,937	499,051	5,647,604	1,485,141	862,275
1981	5,824,304	1,574,217	328,818	2,194,094	100,752	2,439,116	603,265	6,461,840	1,688,324	946,961
1982	5,582,860	1,657,630	346,721	2,336,914	82,296	2,413,011	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	2,612,399	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	2,881,410	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	3,073,771	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	3,259,224	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	3,315,593	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	3,491,394	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	3,573,480	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	3,808,671	1,953,905	11,722,946	4,221,266	1,624,763
1991	9,293,533	3,471,782	688,867	5,335,009	221,166	4,669,256	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	5,648,082	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	5,539,903	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	6,491,938	2,090,724	12,173,704	4,776,753	1,920,217
1995	14,201,115	4,680,553	661,811	7,318,575	212,244	5,685,104	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	5,783,769	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	6,206,877	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	7,810,148	1,946,444	14,380,084	4,177,167	2,031,020
1999	15,553,391	5,411,082	822,829	7,236,511	214,497	8,437,541	2,369,981	15,895,937	5,129,049	2,470,180
2000	14,843,460	3,826,005	793,796	5,625,366	187,002	8,372,690	2,081,242	15,954,920	4,259,707	3,032,353
2001	24,848,284	4,861,082	995,705	7,603,913	199,105	9,053,621	3,987,569	22,539,207	4,397,025	4,736,772
2002	16,415,364	4,136,268	962,062	6,408,072	182,505	8,238,813	3,397,626	24,324,341	5,808,809	7,013,354
2003	17,747,034	4,252,442	931,249	6,597,952	187,473	9,885,035	2,929,705	23,143,735	5,970,925	8,799,566
2004	18,940,852	4,939,800	1,044,146	6,725,930	201,589	10,169,950	3,219,181	27,894,909	5,475,311	9,379,050
2005	19,264,489	18,601,221	863,950	11,623,949	190,121	9,909,252	3,257,114	25,937,842	5,715,492	9,776,348
2006	20,978,460	31,810,926	854,904	11,741,001	201,952	12,760,066	3,216,591	25,913,085	5,791,851	10,332,312
2007	24,182,357	30,493,032	1,081,697	11,097,588	200,883	16,341,318	4,713,977	31,805,714	4,840,960	11,075,866
2008	22,068,961	30,190,229	1,029,922	12,143,665	16,500	14,933,766	4,689,852	32,580,243	5,917,654	12,975,276
2009	20,234,269	28,256,793	1,025,437	10,179,409	221,993	14,858,218	4,478,585	32,826,770	6,494,362	13,300,521
2010	23,938,241	38,292,826	973,233	13,610,262	227,967	18,017,210	3,975,753	36,066,544	8,188,853	14,698,030
2011	30,848,937	40,376,565	1,057,648	14,809,996	251,744	11,986,880	4,068,380	34,031,841	9,013,624	15,871,331
2012	31,181,946	46,716,422	1,167,395	17,142,361	267,056	13,699,724	5,436,296	47,860,772	9,282,309	17,452,897
2013	26,999,074	39,378,264	1,398,556	13,954,367	292,102	13,958,976	4,616,825	40,207,162	7,607,346	18,930,369
2014	22,462,787	34,676,034	1,486,592	11,826,758	293,809	13,911,736	4,711,479	42,577,929	6,519,199	24,151,918
2015	22,685,717	39,966,300	1,554,067	14,028,706	322,034	16,905,888	4,217,763	51,510,758	8,017,527	29,096,329
2016	28,027,383	44,344,634	1,520,723	15,471,177	341,745	19,486,334	4,939,653	60,169,606	9,647,577	33,843,455
2017	35,605,542	43,053,387	1,401,234	15,779,484	324,830	20,775,118	5,241,105	65,289,105	9,893,893	38,103,257
2018	30,296,058	59,357,283	1,484,608	19,972,993	330,382	15,453,244	4,835,582	62,603,224	9,636,722	39,842,637
2019	31,759,086	40,810,970	1,334,658	14,094,623	417,962	19,250,042	5,118,349	70,570,472	10,421,311	41,802,327
2020	28,399,243	57,632,352	1,445,377	19,082,541	616,315	16,584,818	4,405,831	61,907,527	8,391,797	41,169,091
2021	30,872,131	47,710,821	2,245,635	15,154,189	439,013	22,042,469	4,952,875	68,139,059	8,674,723	40,325,394
2022	44,282,315	58,313,634	2,320,123	20,844,765	707,107	30,588,242	7,752,577	75,150,973	11,661,713	42,563,022
2023	44,851,813	59,369,523	2,352,891	21,139,843	720,070	31,058,493	7,893,850	75,436,424	11,825,502	42,430,452
2024	48,317,313	64,334,144	2,519,396	22,872,998	775,448	33,257,648	8,622,290	78,938,769	12,687,788	43,373,726
2025	47,525,356	63,625,093	2,487,992	22,579,197	762,878	32,839,489	8,446,882	78,457,193	12,534,656	43,309,409
2026	47,586,381	63,615,543	2,488,051	22,569,749	763,877	32,826,853	8,462,225	78,493,740	12,526,353	43,340,453
2027	47,486,586	63,605,124	2,489,243	22,569,134	762,369	32,831,540	8,426,102	78,611,992	12,537,593	43,387,802
2028	47,645,234	63,793,084	2,493,072	22,617,780	764,877	32,890,784	8,476,712	78,727,745	12,553,052	43,436,462
2029	48,230,836	64,470,615	2,521,023	22,884,579	774,252	33,265,258	8,597,709	79,338,957	12,702,469	43,567,714
2030	46,907,368	63,274,413	2,460,158	22,348,813	753,146	32,441,501	8,345,092	78,287,474	12,395,049	43,422,800
2031	48,648,354	65,064,520	2,534,848	23,060,901	780,758	33,520,404	8,736,661	79,699,761	12,770,553	43,689,899
2032	46,402,398	62,951,790	2,443,038	22,196,744	745,216	32,152,721	8,224,952	78,214,585	12,331,552	43,468,617
2033	48,659,617	65,242,952	2,542,539	23,104,718	781,062	33,608,377	8,732,959	79,985,055	12,806,557	43,796,617
2034	46,406,103	63,192,344	2,449,319	22,263,853	745,375	32,253,603	8,230,485	78,523,898	12,374,529	43,579,438
2035	51,704,593	68,349,296	2,670,023	24,327,255	829,379	35,439,066	9,421,842	82,416,621	13,444,794	44,266,304
TOTAL	1,450,112,275	1,676,232,253	75,771,362	724,694,010	20,852,925	880,474,191	243,804,761	2,261,229,168	415,959,200	1,090,688,098

¹Capital charges repaid through bond debt service prior to 2020 exclude bond cover; capital charges for 2021 and after include both bond debt service and bond cover.

TABLE B-23 Total Transportation and Delta Water Charge for Each Contractor¹ (in dollars)

Calendar Year	SOUTHERN CALIFORNIA AREA (continued)				FEATHER RIVER AREA				South Bay Area Future Contractor	Grand Total
	Santa Clarita ²	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	492,745	15,317,881	142,803	18,808,064	0	1,050	1,439	2,489	46,945	25,654,244
1969	745,268	23,153,064	215,209	28,394,128	0	1,225	4,120	5,345	52,963	37,115,221
1970	945,929	30,617,164	273,605	37,831,771	0	3,848	17,116	20,964	69,744	48,664,853
1971	1,141,579	39,958,997	342,425	49,545,906	0	4,546	19,187	23,733	55,532	61,925,666
1972	1,389,062	54,991,810	422,304	67,965,081	0	4,929	21,150	26,079	80,412	84,279,535
1973	1,438,616	59,591,118	435,655	73,621,051	0	7,059	21,778	28,837	54,219	89,212,963
1974	1,535,123	66,008,399	455,565	81,042,993	0	8,336	22,408	30,744	76,783	98,204,519
1975	1,627,986	71,830,070	478,403	87,769,073	0	9,416	23,523	32,939	84,547	107,166,224
1976	1,665,550	74,907,214	475,587	91,913,622	0	7,004	23,257	30,261	106,717	113,099,876
1977	1,754,572	73,338,457	507,063	90,658,210	0	16,917	24,059	40,976	98,618	111,733,236
1978	1,889,115	81,951,168	523,177	100,494,579	0	12,635	24,225	36,860	100,786	124,810,665
1979	1,970,363	83,601,786	526,405	103,353,032	0	16,575	28,352	44,927	119,352	130,868,961
1980	2,110,218	93,029,351	583,628	115,035,631	0	19,834	26,562	46,396	178,812	145,322,044
1981	2,581,243	112,171,493	672,540	137,586,966	0	21,682	34,563	56,245	185,347	175,931,289
1982	2,745,828	117,143,301	727,623	143,381,967	0	16,117	43,117	59,234	173,894	185,030,118
1983	2,818,173	118,991,007	854,263	147,942,691	0	15,202	29,410	44,612	220,926	186,696,573
1984	3,898,011	156,273,535	933,311	193,101,389	20,590	15,442	31,795	67,827	225,959	246,195,674
1985	4,365,621	194,967,204	993,651	237,867,291	24,050	16,976	32,405	73,431	340,322	302,123,152
1986	5,002,575	218,331,684	1,058,276	264,648,610	31,753	18,145	33,596	83,494	279,227	335,092,086
1987	4,861,612	204,859,482	1,056,318	252,478,863	37,071	17,794	33,384	88,249	345,116	325,246,192
1988	5,049,812	221,667,115	1,124,102	269,784,265	48,058	19,117	33,605	100,780	365,207	347,071,668
1989	5,060,186	230,328,278	1,232,379	280,507,564	61,184	20,809	37,188	119,181	422,329	361,993,914
1990	5,529,301	277,194,766	1,855,991	334,042,030	66,041	20,855	36,812	123,708	474,284	416,365,621
1991	4,643,065	221,887,061	1,549,955	269,868,139	180,212	22,526	42,200	244,938	214,683	340,485,988
1992	5,831,754	245,365,618	1,503,480	298,351,452	208,216	26,028	43,517	277,761	443,676	385,528,682
1993	5,478,417	219,238,180	1,551,253	274,501,786	209,613	26,203	47,588	283,404	599,571	371,500,479
1994	6,044,876	257,365,883	1,475,069	318,025,429	201,284	25,161	46,079	272,524	609,966	413,680,539
1995	6,420,523	225,863,369	1,568,401	287,232,372	216,945	27,118	50,022	294,085	534,971	396,060,460
1996	6,651,667	235,410,311	1,622,641	306,118,778	217,250	27,155	56,622	301,027	571,857	424,793,478
1997	6,545,321	245,453,567	1,777,266	315,331,709	236,300	29,847	59,915	299,027	628,638	439,730,067
1998	6,168,127	227,090,227	1,796,534	293,382,863	128,021	29,927	36,222	194,170	465,095	417,766,080
1999	6,756,795	255,620,140	1,870,665	327,788,599	254,675	31,834	40,585	327,094	571,720	465,233,115
2000	10,288,583	253,115,772	1,969,790	324,350,686	262,163	79,001	43,704	384,868	0	455,184,446
2001	15,885,721	441,710,358	2,260,648	543,079,010	261,699	93,471	45,056	400,226	0	691,582,259
2002	13,187,998	333,819,759	2,307,079	426,202,050	266,107	95,018	47,297	408,422	0	574,200,264
2003	14,231,058	361,640,701	2,321,867	458,638,742	262,547	93,638	68,899	425,174	0	605,811,217
2004	15,515,751	413,398,937	2,609,547	519,514,952	284,387	102,404	29,286	416,077	0	668,700,261
2005	14,476,631	384,874,560	2,082,649	506,573,618	280,033	72,066	28,810	1,035,909	0	668,074,334
2006	13,793,202	360,853,893	2,048,058	500,296,299	292,991	43,185	38,618	374,794	0	657,854,963
2007	16,820,735	439,288,479	2,534,348	594,476,953	291,100	46,072	46,072	378,129	0	752,549,807
2008	19,116,333	412,349,960	2,998,031	571,210,392	306,916	804,536	86,522	1,197,974	0	739,005,017
2009	17,204,273	382,703,237	2,869,978	534,653,844	328,896	855,850	90,625	1,275,371	0	700,124,264
2010	17,548,417	441,483,989	3,045,505	620,066,830	400,358	1,064,565	108,864	1,573,787	0	810,022,083
2011	17,674,234	492,864,744	3,127,448	675,983,371	451,483	1,197,315	121,977	1,770,775	0	897,140,549
2012	19,420,323	480,068,291	3,397,899	693,093,689	460,139	1,318,107	130,849	1,909,095	0	913,453,707
2013	22,391,999	476,095,365	3,405,412	696,235,818	483,119	1,383,934	141,267	2,008,320	0	897,829,129
2014	21,057,114	425,335,435	2,922,745	611,933,534	473,134	1,355,332	140,894	1,969,360	0	830,676,944
2015	21,789,191	473,713,228	3,304,716	687,112,224	614,794	1,761,128	185,765	2,561,687	0	937,030,087
2016	21,717,643	540,044,901	3,835,422	783,390,254	727,229	2,083,208	228,710	3,039,147	0	1,064,198,243
2017	23,763,464	584,953,917	5,475,166	849,659,502	741,588	2,124,343	214,859	3,080,790	0	1,136,009,252
2018	23,056,860	477,278,076	3,501,642	747,649,312	703,535	2,015,335	261,328	2,980,198	0	1,027,859,259
2019	23,610,256	571,952,354	6,730,739	837,873,150	732,713	2,098,917	229,759	3,061,389	0	1,122,650,863
2020	25,730,603	474,523,856	4,905,222	744,794,573	800,657	2,293,547	225,890	3,320,094	0	1,031,596,371
2021	34,587,469	527,634,729	4,957,915	807,736,420	898,338	2,573,363	275,108	3,746,809	0	1,126,356,231
2022	31,233,390	700,445,653	6,691,203	1,032,554,720	1,057,135	3,028,253	315,292	4,400,680	0	1,390,300,781
2023	31,198,910	683,145,448	6,591,300	1,018,014,517	1,058,609	3,032,475	315,876	4,406,960	0	1,376,908,949
2024	34,032,542	734,044,951	7,116,139	1,090,893,153	1,057,404	3,029,024	316,605	4,403,033	0	1,461,502,089
2025	33,559,009	723,986,084	7,012,596	1,077,125,835	1,054,746	3,021,410	315,739	4,391,895	0	1,441,191,068
2026	33,640,684	724,434,752	7,022,082	1,077,770,744	1,052,292	3,014,380	314,954	4,381,626	0	1,446,859,233
2027	33,527,378	723,459,109	7,002,100	1,076,696,072	1,055,289	3,022,964	316,249	4,394,502	0	1,440,124,707
2028	33,667,347	724,920,132	7,025,405	1,079,011,687	1,047,800	3,001,513	313,545	4,362,858	0	1,447,425,529
2029	34,003,600	732,885,357	7,096,631	1,090,338,999	1,049,804	3,007,252	314,465	4,371,521	0	1,462,156,752
2030	33,078,350	712,302,274	6,895,545	1,062,911,983	1,031,555	2,954,975	307,654	4,294,184	0	1,424,878,460
2031	33,875,185	731,997,956	7,078,509	1,091,458,310	1,031,885	2,955,920	307,939	4,295,744	0	1,457,348,865
2032	32,745,171	705,616,439	6,809,673	1,054,302,896	1,032,004	2,956,263	308,146	4,296,413	0	1,418,495,310
2033	33,901,831	732,263,254	7,077,389	1,092,503,285	1,032,003	2,956,259	308,307	4,296,569	0	1,459,429,676
2034	32,810,920	707,214,352	6,819,496	1,056,865,715	1,032,053	2,956,402	308,490	4,296,945	0	1,421,096,165
2035	35,112,245	766,834,821	7,365,828	1,142,182,068	1,032,041	2,956,369	308,652	4,297,062	0	1,518,644,182
TOTAL	1,004,805,984	24,622,499,609	200,949,995	34,668,073,832	27,089,809	66,638,991	8,189,496	101,918,296	8,735,974	46,218,573,359

¹ Capital charges repaid through bond debt service prior to 2020 exclude bond cover; capital charges for 2021 and after include both bond debt service and bond cover.

² 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 Contractor¹ (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]
FEATHER RIVER AREA								
Yuba City	0.00	0.00	0.00	0.00	0.00	196.57	14.92	211.49
Butte	0.00	0.00	0.00	0.00	0.00	688.92	39.33	728.25
Plumas	45.98	8.50	0.00	0.00	54.47	114.56	11.00	180.03
Feather River Area	9.72	1.80	0.00	0.00	11.52	320.20	21.08	352.80
NORTH BAY AREA								
Napa	184.41	92.15	4.98	14.45	296.00	58.00	16.17	370.17
Solano	107.23	68.38	5.27	8.47	189.34	62.37	12.58	264.30
North Bay Area	135.34	77.04	5.17	10.65	228.18	60.78	13.89	302.85
SOUTH BAY AREA								
Alameda-Zone 7	124.27	67.90	9.20	20.88	222.26	57.46	8.90	288.62
Alameda County	31.88	35.60	7.45	13.54	88.48	38.27	4.75	131.49
Santa Clara	25.56	25.73	6.54	11.43	69.26	24.38	3.20	96.84
South Bay Area	42.66	34.20	7.12	13.31	97.29	32.02	4.38	133.68
SAN JOAQUIN VALLEY AREA								
Kings	6.81	9.68	3.88	8.39	28.76	47.88	3.78	80.41
Dudley Ridge	5.75	5.89	3.33	4.96	19.94	24.71	2.09	46.73
Empire	2.56	5.60	2.56	4.58	15.30	28.36	1.76	45.41
Kern	10.43	11.71	5.07	6.95	34.16	31.36	2.75	68.27
Oak Flat	2.40	3.15	2.06	3.09	10.69	27.14	1.78	39.60
Tulare	6.00	6.09	3.27	4.83	20.19	26.22	2.19	48.61
San Joaquin Valley Area	9.65	10.76	4.77	6.61	31.79	30.52	2.65	64.97
CENTRAL COASTAL AREA								
San Luis Obispo	523.27	360.79	16.63	124.96	1,025.64	312.69	58.19	1,396.52
Santa Barbara	1,158.26	329.07	20.98	100.86	1,609.17	132.56	75.96	1,817.68
Central Coastal Area	1,039.35	335.01	20.17	105.37	1,499.89	166.29	72.63	1,738.81
SOUTHERN CALIFORNIA AREA								
AVEK	60.25	60.61	33.85	66.85	221.55	69.70	9.54	300.80
Coachella	90.24	103.95	44.81	81.27	320.27	70.34	10.89	401.50
Crestline	175.66	167.74	37.23	80.89	461.53	106.43	20.86	588.82
Desert	55.89	58.83	53.59	45.02	213.33	41.96	7.08	262.37
Littlerock	108.03	108.15	33.01	63.10	312.29	120.50	16.47	449.26
Mojave	211.96	236.88	35.64	145.77	630.24	205.44	35.16	870.85
Palmdale	65.10	69.09	42.03	103.65	279.87	84.43	10.56	374.86
San Bernardino	383.38	242.87	32.08	83.80	742.12	118.18	24.82	885.13
San Gabriel	128.07	125.21	48.89	51.28	353.45	73.66	14.76	441.86
San Geronio	2,941.94	711.65	35.14	246.55	3,935.29	196.92	39.59	4,171.80
Santa Clarita ²	64.28	65.88	26.01	45.83	201.99	61.06	12.16	275.21
Metropolitan	94.83	80.92	40.22	44.75	260.73	60.83	11.40	332.96
Ventura	323.30	279.31	23.82	142.56	769.00	234.94	43.01	1,046.95
Southern California Area	104.12	86.53	39.78	49.77	280.21	64.53	11.87	356.60
ALL AREAS	60.04	48.52	20.69	26.89	156.14	46.98	7.33	210.46

¹ 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.

² 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 Reach¹ (in dollars per acre-foot)

Aqueduct Reach	Unit Cost of Reach ²						Cumulative Unit Costs from the Delta					
	Capital Costs	Water System Revenue Bond Surcharge ³	Minimum OMP&R	Off-Aqueduct Costs	Variable OMP&R	Total	Capital Costs	Water System Revenue Bond Surcharge ³	Minimum OMP&R	Off-Aqueduct Costs	Variable OMP&R	Total
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]	[11]	[12]
NBA												
1	46.62	11.66	17.61	2.52	1.46	79.87	46.62	11.66	17.61	2.52	1.46	79.87
2	49.62	12.41	7.70	0.00	0.00	69.73	96.24	24.07	25.31	2.52	1.46	149.60
3A	8.84	2.21	15.31	5.47	2.36	34.19	105.08	26.28	40.62	7.99	3.82	183.79
3B	56.89	14.23	34.61	3.91	5.24	114.88	153.13	38.30	59.92	6.43	6.70	264.48
SBA												
1	8.15	2.04	20.65	5.66	5.46	41.96	10.43	2.61	24.71	8.42	8.01	54.18
2	0.77	0.19	2.33	0.00	0.00	3.29	11.20	2.80	27.04	8.42	8.01	57.47
4	2.56	0.64	3.98	0.00	0.00	7.18	13.76	3.44	31.02	8.42	8.01	64.65
5	5.38	1.35	3.12	0.00	0.00	9.85	19.14	4.79	34.14	8.42	8.01	74.50
6	0.31	0.08	0.33	0.00	0.00	0.72	19.45	4.87	34.47	8.42	8.01	75.22
7	2.38	0.60	0.60	0.00	0.00	3.58	21.83	5.47	35.07	8.42	8.01	78.80
8	3.24	0.81	1.00	0.00	0.00	5.05	25.07	6.28	36.07	8.42	8.01	83.85
9	6.69	1.67	3.75	0.00	0.00	12.11	31.76	7.95	39.82	8.42	8.01	95.96
CA												
1	2.28	0.57	4.06	2.76	2.55	12.22	2.28	0.57	4.06	2.76	2.55	12.22
2A	1.45	0.36	0.80	0.00	0.00	2.61	3.73	0.93	4.86	2.76	2.55	14.83
2B	0.74	0.19	0.40	0.00	0.00	1.33	4.47	1.12	5.26	2.76	2.55	16.16
3	0.65	0.16	0.30	0.00	0.00	1.11	5.12	1.28	5.56	2.76	2.55	17.27
4	1.03	0.26	2.02	1.31	1.15	5.77	6.15	1.54	7.58	4.07	3.70	23.04
5	0.79	0.20	0.40	0.00	0.00	1.39	6.94	1.74	7.98	4.07	3.70	24.43
6	0.20	0.05	0.20	0.00	0.00	0.45	7.14	1.79	8.18	4.07	3.70	24.88
7	1.19	0.30	0.49	0.00	0.00	1.98	8.33	2.09	8.67	4.07	3.70	26.86
8C	0.02	0.01	0.09	0.00	0.00	0.12	8.35	2.10	8.76	4.07	3.70	26.98
8D	0.46	0.12	0.39	0.00	0.00	0.97	8.81	2.22	9.15	4.07	3.70	27.95
9	0.38	0.10	0.36	0.00	0.00	0.84	9.19	2.32	9.51	4.07	3.70	28.79
10A	0.41	0.10	0.47	0.00	0.00	0.98	9.60	2.42	9.98	4.07	3.70	29.77
11B	0.60	0.15	0.30	0.00	0.00	1.05	10.20	2.57	10.28	4.07	3.70	30.82
12D	0.56	0.14	0.27	0.00	0.00	0.97	10.76	2.71	10.55	4.07	3.70	31.79
12E	0.40	0.10	0.46	0.00	0.00	0.96	11.16	2.81	11.01	4.07	3.70	32.75
13B	0.85	0.21	0.53	0.00	0.00	1.59	12.01	3.02	11.54	4.07	3.70	34.34
14A	3.28	0.82	4.08	2.33	2.17	12.68	15.29	3.84	15.62	6.40	5.87	47.02
14B	0.52	0.13	0.50	0.00	0.00	1.15	15.81	3.97	16.12	6.40	5.87	48.17
14C	0.43	0.11	0.37	0.00	0.00	0.91	16.24	4.08	16.49	6.40	5.87	49.08
15A	2.43	0.61	4.25	2.84	2.36	12.49	18.67	4.69	20.74	9.24	8.23	61.57
16A	4.03	1.01	6.58	6.17	5.50	23.29	22.70	5.70	27.32	15.41	13.73	84.86
17E	13.59	3.40	18.49	21.61	20.32	77.41	36.29	9.10	45.81	37.02	34.05	162.27
17F	3.52	0.88	0.23	0.00	0.00	4.63	39.81	9.98	46.04	37.02	34.05	166.90
18A	3.16	0.79	2.22	0.00	-2.14	4.03	42.97	10.77	48.26	37.02	31.91	170.93
19	2.34	0.59	1.35	0.00	0.00	4.28	45.31	11.36	49.61	37.02	31.91	175.21
19C	2.54	0.64	0.00	0.00	0.00	3.18	47.85	12.00	49.61	37.02	31.91	178.39
20A	1.86	0.47	2.22	0.00	0.00	4.55	49.71	12.47	51.83	37.02	31.91	182.94
20B	2.25	0.56	1.46	0.00	0.00	4.27	51.96	13.03	53.29	0.00	31.91	150.19
21	1.14	0.29	1.02	0.00	0.00	2.45	53.10	13.32	54.31	0.00	31.91	152.64
22A	1.19	0.30	0.53	0.00	0.00	2.02	54.29	13.62	54.84	0.00	31.91	154.66
22B	11.65	2.91	14.31	6.42	6.70	41.99	65.94	16.53	69.15	6.42	38.61	196.65
23	3.20	0.80	0.99	0.00	-2.72	2.27	69.14	17.33	70.14	6.42	35.89	198.92
24	6.21	1.55	2.78	0.00	0.00	10.54	75.35	18.88	72.92	6.42	35.89	209.46
25	4.53	1.13	0.16	0.00	0.00	5.82	79.88	20.01	73.08	6.42	35.89	215.28
26A	4.95	1.24	9.27	0.00	-18.58	(3.12)	84.83	21.25	82.35	6.42	17.31	212.16
28G	9.21	2.30	3.51	0.00	0.00	15.02	94.04	23.55	85.86	6.42	17.31	227.18
28H	8.87	2.22	3.68	0.00	0.00	14.77	102.91	25.77	89.54	6.42	17.31	241.95
28J	99.46	24.87	51.12	0.00	0.00	175.45	202.37	50.64	140.66	6.42	17.31	417.40
EBX												
1	N/A	0.00	0.18	0.00	0.00	0.18	N/A	21.25	82.53	6.42	17.31	127.51
2A	N/A	0.00	1.55	0.00	0.00	1.55	N/A	21.25	84.07	6.42	17.31	129.05
2B	N/A	0.00	53.16	10.49	12.74	76.39	N/A	21.25	137.23	16.91	30.05	205.44
2C	N/A	0.00	3.24	0.00	0.00	3.24	N/A	21.25	140.47	16.91	30.05	208.68
2D	N/A	0.00	7.07	0.00	0.00	7.07	N/A	21.25	147.54	16.91	30.05	215.75
2E	N/A	0.00	107.89	0.46	23.55	131.90	N/A	21.25	255.43	17.37	53.60	347.65
3A	N/A	0.00	169.90	8.20	36.62	214.71	N/A	21.25	425.32	25.57	90.22	562.36
3B	N/A	0.00	55.97	0.00	0.00	55.97	N/A	21.25	481.30	25.57	90.22	618.34
3C	N/A	0.00	8.45	0.00	0.00	8.45	N/A	21.25	489.75	25.57	90.22	626.79
3D	N/A	0.00	0.02	0.00	0.00	0.02	N/A	21.25	489.77	25.57	90.22	626.81
3E	N/A	0.00	1.92	0.00	0.00	1.92	N/A	21.25	491.69	25.57	90.22	628.73
4A	N/A	0.00	6.20	0.00	0.00	6.20	N/A	21.25	497.89	25.57	90.22	634.93
4B	N/A	0.00	56.44	1.03	6.59	64.06	N/A	21.25	554.32	26.60	96.81	698.98
WB												
29A	4.61	1.15	10.62	2.90	2.39	21.67	44.42	11.13	56.66	39.92	36.44	188.57
29F	3.37	0.84	1.27	0.00	0.00	5.48	47.79	11.97	57.93	39.92	36.44	194.05
29G	11.18	2.80	6.04	0.00	-8.59	11.43	58.97	14.77	63.97	39.92	27.85	205.48
29H	6.96	1.74	5.72	0.00	0.00	14.42	65.93	16.51	69.69	39.92	27.85	219.90
29J	11.67	2.92	1.65	0.00	-16.07	0.17	77.60	19.43	71.34	39.92	11.78	220.07
30	18.73	4.68	5.14	0.00	0.00	28.55	96.33	24.11	76.48	39.92	11.78	248.62
CB												
31A	8.47	2.12	24.24	2.10	2.05	38.98	17.28	4.34	33.39	6.17	5.75	66.93
33A	316.55	79.16	45.72	15.83	26.84	484.10	333.83	83.50	79.11	22.00	32.59	551.03
34	226.17	56.56	1.27	0.00	0.00	284.00	560.00	140.06	80.38	22.00	32.59	835.03
35	0.00	0.00	0.00	0.00	0.00	0.00	560.00	140.06	80.38	22.00	32.59	835.03

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

²Hypothetical 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.

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

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

Sheet 2 of 2

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

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

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	1,410,618	0
2008	0	0	0	0	0	0	2,067,140	0
2009	(4)	(46)	(31)	(31)	(17)	(14)	1,723,867	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	1,912,028	0
2013	0	0	0	0	0	0	1,994,186	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	2,394,266	0
2018	0	0	0	0	0	0	1,840,110	0
2019	0	0	0	0	0	0	2,433,583	0
2020	0	0	0	0	0	0	2,592,069	0
2021	0	0	0	0	0	0	2,721,070	0
2022	0	0	0	0	0	0	2,627,780	0
2023	0	0	0	0	0	0	2,608,199	0
2024	0	0	0	0	0	0	2,678,873	0
2025	0	0	0	0	0	0	2,705,662	0
2026	0	0	0	0	0	0	2,732,719	0
2027	0	0	0	0	0	0	2,760,046	0
2028	0	0	0	0	0	0	2,787,646	0
2029	0	0	0	0	0	0	2,815,523	0
2030	0	0	0	0	0	0	2,843,678	0
2031	0	0	0	0	0	0	2,872,115	0
2032	0	0	0	0	0	0	2,900,836	0
2033	0	0	0	0	0	0	2,929,844	0
2034	0	0	0	0	0	0	2,959,143	0
2035	0	0	0	0	0	0	2,988,734	0
TOTAL	13,855	84,122	57,959	56,926	32,445	25,812	87,845,739	0

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

Sheet 2 of 2

Calendar Year	CALIFORNIA AQUEDUCT (continued)							GRAND TOTAL
	MOJAVE DIVISION (continued)			SANTA ANA DIVISION				
	Reach 23C	Reach 24	Subtotal	Reach 25	Reach 26A*	Reach 26B	Subtotal	
	[9]	[10]	[11]	[12]	[13]	[14]	[15]	[16]
1971	0	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0	0
1994	0	0	1,048,625	0	1,713,260	0	1,713,260	2,761,885
1995	0	0	953,814	0	1,452,549	0	1,452,549	2,406,363
1996	0	0	1,171,411	0	1,350,581	0	1,350,581	2,521,992
1997	679,826	0	1,789,864	0	1,528,509	0	1,528,509	3,318,373
1998	825,038	0	2,038,040	0	1,619,068	0	1,619,068	3,657,108
1999	382,178	0	1,053,997	0	956,229	0	956,229	2,010,227
2000	735,813	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	4,281,571
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	2,718,725	0	2,799,388	0	2,799,388	5,518,113
2008	1,068,039	0	3,135,179	0	2,731,800	0	2,731,800	5,866,979
2009	1,545,402	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	1,258,437	0	3,170,633	0	2,341,694	0	2,341,694	5,512,327
2013	1,506,127	0	3,500,313	0	2,761,256	0	2,761,256	6,261,569
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	8,980,271
2016	2,222,393	0	5,130,024	0	3,950,789	0	3,950,789	9,080,813
2017	2,256,333	0	4,650,599	0	3,942,847	0	3,942,847	8,593,446
2018	2,695,464	0	4,535,574	0	4,774,961	0	4,774,961	9,310,535
2019	2,885,756	0	5,319,339	0	4,563,999	0	4,563,999	9,883,338
2020	3,518,842	0	6,110,911	0	5,637,285	0	5,637,285	11,748,195
2021	3,541,942	0	6,263,012	0	5,357,643	0	5,357,643	11,620,655
2022	3,693,133	0	6,320,913	0	5,182,828	0	5,182,828	11,503,741
2023	3,641,093	0	6,249,292	0	5,036,254	0	5,036,254	11,285,546
2024	3,661,643	0	6,340,516	0	5,244,164	0	5,244,164	11,584,680
2025	3,698,260	0	6,403,922	0	5,296,606	0	5,296,606	11,700,527
2026	3,735,242	0	6,467,961	0	5,349,572	0	5,349,572	11,817,533
2027	3,772,595	0	6,532,640	0	5,403,067	0	5,403,067	11,935,708
2028	3,810,321	0	6,597,967	0	5,457,098	0	5,457,098	12,055,065
2029	3,848,424	0	6,663,946	0	5,511,669	0	5,511,669	12,175,616
2030	3,886,908	0	6,730,586	0	5,566,786	0	5,566,786	12,297,372
2031	3,925,777	0	6,797,892	0	5,622,454	0	5,622,454	12,420,345
2032	3,965,035	0	6,865,871	0	5,678,678	0	5,678,678	12,544,549
2033	4,004,685	0	6,934,529	0	5,735,465	0	5,735,465	12,669,994
2034	4,044,732	0	7,003,875	0	5,792,820	0	5,792,820	12,796,694
2035	4,085,179	0	7,073,913	0	5,850,748	0	5,850,748	12,924,661
TOTAL	92,485,332	0	180,602,189	0	149,214,818	0	149,214,818	329,817,007

* Units 3 and 4 at Devil Canyon Powerplant were operational in 1993.

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

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

**TABLE B-29 Capital Cost Component of East Branch Enlargement Facilities
Transportation Charge for Each Contractor^{1,2} (in dollars)**

Calendar Year	SOUTHERN CALIFORNIA AREA							Total
	AVEK	Coachella	Desert	Mojave	Palmdale	San Bernardino ³	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	2,628,706	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	1,173,824	7,834	0	19,966,107	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	23,305,713
2015	44,642	2,955,568	880,238	1,228,892	8,202	0	20,902,785	26,020,327
2016	44,525	2,947,802	877,925	1,225,662	8,187	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	42,629	2,822,295	840,546	1,173,478	7,832	0	19,960,226	24,847,006
2021	62,876	4,236,387	1,271,431	1,730,829	11,552	0	29,898,238	37,211,313
2022	58,792	3,963,175	1,189,691	1,618,395	10,801	0	27,968,390	34,809,244
2023	48,208	3,248,353	974,931	1,327,062	8,857	0	22,925,014	28,532,425
2024	50,678	3,412,403	1,023,869	1,395,019	9,310	0	24,084,708	29,975,987
2025	57,748	3,903,566	1,173,192	1,589,670	10,609	0	27,538,711	34,273,496
2026	22,490	1,530,926	461,495	619,092	4,132	0	10,791,363	13,429,498
2027	23,482	1,589,911	478,177	646,404	4,315	0	11,214,240	13,956,529
2028	15,155	1,022,441	307,035	417,171	2,784	0	7,214,713	8,979,299
2029	15,789	1,066,729	320,529	434,629	2,900	0	7,525,966	9,366,542
2030	3,336	220,850	65,774	91,826	613	0	1,561,924	1,944,323
2031	3,325	220,095	65,549	91,513	611	0	1,556,581	1,937,674
2032	3,332	220,605	65,701	91,725	612	0	1,560,195	1,942,170
2033	3,329	220,375	65,633	91,630	611	0	1,558,572	1,940,150
2034	3,335	220,760	65,748	91,790	613	0	1,561,292	1,943,538
2035	3,330	220,498	65,669	91,680	612	0	1,559,434	1,941,223
TOTAL	1,693,741	112,591,389	33,592,725	46,624,413	311,173	0	795,894,413	990,707,854

¹ 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.

² 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.

³ 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	3,412,055	4,281,571
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	658,942	223,601	127,896	0	114,595	4,393,079	5,518,113
2008	0	686,114	214,561	187,421	0	111,828	4,667,055	5,866,979
2009	(2)	727,864	240,416	156,285	0	116,981	4,885,266	6,126,810
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	645,738	200,971	173,372	1	95,859	4,396,384	5,512,327
2013	0	738,017	235,746	180,806	0	113,034	4,993,966	6,261,569
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	1,021,603	337,579	217,080	0	161,403	6,855,781	8,593,446
2018	0	1,125,856	397,930	166,837	0	195,466	7,424,446	9,310,535
2019	0	1,183,274	400,483	220,645	0	186,830	7,892,106	9,883,338
2020	0	1,414,106	488,972	235,014	0	230,766	9,379,337	11,748,195
2021	0	1,394,953	476,076	246,710	0	219,319	9,283,597	11,620,655
2022	0	1,382,811	472,820	238,252	0	212,163	9,197,695	11,503,741
2023	0	1,355,859	462,343	236,477	0	206,162	9,024,705	11,285,546
2024	0	1,391,653	475,117	242,885	0	214,673	9,260,352	11,584,680
2025	0	1,405,570	479,868	245,313	0	216,820	9,352,956	11,700,527
2026	0	1,419,625	484,667	247,766	0	218,988	9,446,486	11,817,532
2027	0	1,433,822	489,514	250,244	0	221,178	9,540,950	11,935,708
2028	0	1,448,160	494,409	252,747	0	223,390	9,636,359	12,055,065
2029	0	1,462,641	499,353	255,274	0	225,624	9,732,723	12,175,615
2030	0	1,477,268	504,346	257,827	0	227,880	9,830,051	12,297,372
2031	0	1,492,041	509,390	260,405	0	230,159	9,928,351	12,420,346
2032	0	1,506,961	514,484	263,009	0	232,460	10,027,635	12,544,549
2033	0	1,522,031	519,629	265,639	0	234,785	10,127,911	12,669,995
2034	0	1,537,251	524,825	268,296	0	237,133	10,229,190	12,796,695
2035	0	1,552,623	530,073	270,979	0	239,504	10,331,482	12,924,661
TOTAL	3,937	39,310,380	13,081,478	7,988,830	838	6,108,206	263,323,338	329,817,007

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	1,283,803	7,834	66,278	22,881,259	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	24,095,024	30,028,264
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	3,654,977	1,115,891	1,373,613	8,314	114,595	25,582,061	31,894,705
2008	42,479	3,498,476	1,052,148	1,356,769	7,804	111,828	24,557,035	30,626,539
2009	43,668	3,619,046	1,101,478	1,358,406	8,023	116,981	25,332,690	31,580,292
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	3,539,187	1,062,708	1,376,435	8,030	95,859	24,859,843	30,985,768
2013	37,663	3,231,486	978,360	1,217,562	6,919	113,034	22,628,626	28,213,650
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	4,055,825	1,241,242	1,478,675	8,420	161,403	28,314,828	35,306,223
2018	43,516	4,006,833	1,255,953	1,364,714	7,995	195,466	27,799,691	34,674,168
2019	43,094	4,036,367	1,250,201	1,406,928	7,917	186,830	28,070,152	35,001,489
2020	42,629	4,236,401	1,329,518	1,408,492	7,832	230,766	29,339,563	36,595,201
2021	62,876	5,631,340	1,747,507	1,977,539	11,552	219,319	39,181,835	48,831,968
2022	58,792	5,345,986	1,662,511	1,856,647	10,801	212,163	37,166,085	46,312,985
2023	48,208	4,604,212	1,437,274	1,563,539	8,857	206,162	31,949,719	39,817,971
2024	50,678	4,804,056	1,498,986	1,637,904	9,310	214,673	33,345,060	41,560,667
2025	57,748	5,309,136	1,653,060	1,834,983	10,609	216,820	36,891,667	45,974,023
2026	22,490	2,950,551	946,162	866,858	4,132	218,988	20,237,849	25,247,030
2027	23,482	3,023,733	967,691	896,648	4,315	221,178	20,755,190	25,892,237
2028	15,155	2,470,601	801,444	669,918	2,784	223,390	16,851,072	21,034,364
2029	15,789	2,529,370	819,882	689,903	2,900	225,624	17,258,689	21,542,157
2030	3,336	1,698,118	570,120	349,653	613	227,880	11,391,975	14,241,695
2031	3,325	1,712,136	574,939	351,918	611	230,159	11,484,932	14,358,020
2032	3,332	1,727,566	580,185	354,734	612	232,460	11,587,830	14,486,719
2033	3,329	1,742,406	585,262	357,269	611	234,785	11,686,483	14,610,145
2034	3,335	1,758,011	590,573	360,086	613	237,133	11,790,482	14,740,233
2035	3,330	1,773,121	595,742	362,659	612	239,504	11,890,916	14,865,884
TOTAL	1,697,678	151,901,769	46,674,203	54,613,243	312,011	6,108,206	1,059,217,750	1,320,524,860

