

# **EXHIBIT 2**

## **PART 1**

I am the Secretary/Treasurer of the Antelope Valley-East Kern Water Agency, a public agency. This certified document is a correct copy of the Agency's Water Supply Contract between The State of California Department of Water Resources and Antelope Valley -- East Kern Water Agency.



Holly Hughes, Secretary/Treasurer  
Antelope Valley -- East Kern Water Agency

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

WATER SUPPLY CONTRACT  
BETWEEN  
THE STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES  
AND  
ANTELOPE VALLEY-EAST KERN WATER AGENCY

DEPARTMENT OF WATER RESOURCES
CENTRAL RECORDS
FILE STATION <del>#3</del> #1
ROOM # 215-5

SEPTEMBER 20, 1962

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STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES  
  
**CONTRACT**  
**BETWEEN THE STATE OF CALIFORNIA**  
**DEPARTMENT OF WATER RESOURCES AND**  
**ANTELOPE VALLEY-EAST KERN WATER AGENCY**  
**FOR A WATER SUPPLY**

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THIS CONTRACT, made this 20th day of September pursuant to the provisions of the California Water Resources Development Bond Act, the State Central Valley Project Act, and other applicable laws of the State of California, between the State of California, acting by and through its Department of Water Resources, herein referred to as the "State", and Antelope Valley-East Kern Water Agency,

a public agency in the State of California, duly organized, existing, and acting pursuant to the laws thereof with its principal place of business in Lancaster, California, herein referred to as the "Agency".

WITNESSETH, That:

WHEREAS, the State is authorized to construct and operate facilities for the storage and conveyance of water, certain of which facilities will make water available to the Agency; and

WHEREAS, funds will be provided under the California Water Resources Development Bond Act for the construction of said facilities; and

WHEREAS, the Agency is desirous of obtaining a supply of water from the State;

NOW THEREFORE, it is mutually agreed as follows:

## **A. INTRODUCTORY PROVISIONS**

### **1. DEFINITIONS**

When used in this contract, the following terms shall have the meanings hereinafter set forth:

#### **(a) Bond Act**

"Bond Act" shall mean the California Water Resources Development Bond Act, comprising Chapter 8 (commencing at Section 12930) of Part 6 of Division 6 of the Water Code.

#### **(b) System**

"System" shall mean the State Water Resources Development System as defined in Section 12931 of the Water Code.

#### **(c) Delta**

"Delta" shall mean the Sacramento-San Joaquin Delta as defined in Section 12220 of the Water Code on November 8, 1960.

#### **(d) Contractor**

"Contractor" shall mean any entity contracting with the State for a dependable supply of water made available by the System, except such water as is made available by the facilities specified in Section 12934(d)(6) of the Water Code.

#### **(e) Project Facilities**

"Project facilities" shall mean those facilities of the System which will, in whole or in part, serve the purposes of this contract by conserving water and making it available for use in and above the Delta and for export from the Delta, and by conveying water to the Agency. Said project facilities shall consist specifically of "project conservation facilities" and "project transportation facilities", as hereinafter defined.

#### **(f) Project Conservation Facilities**

"Project conservation facilities" shall mean such project facilities as are presently included, or as may be added in the future, under (g) and (h) below.

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### **(g) Initial Project Conservation Facilities**

"Initial project conservation facilities" shall mean the following project facilities specified in Section 12934(d) of the Water Code:

- (1) All those facilities specified in subparagraph (1) thereof.
- (2) Those facilities specified in subparagraph (3) thereof to the extent that they serve the purposes of water conservation in the Delta, water supply in the Delta, and transfer of water across the Delta.
- (3) A reservoir near Los Banos in Merced County as specified in subparagraph (2) thereof.
- (4) The reach of the San Joaquin Valley-Southern California Aqueduct extending from the Delta to a reservoir near Los Banos in Merced County, to the extent required for water conservation through conveyance of water diverted from the Delta to offstream storage in said reservoir as determined by the State.
- (5) Those facilities specified in subparagraph (5) thereof which are incidental to the facilities included under (1), (2), (3), and (4) above.
- (6) Those facilities specified in subparagraph (7) thereof which are necessary and appurtenant to the facilities included under (1), (2), (3), (4), and (5) above.

### **(h) Additional Project Conservation Facilities**

"Additional project conservation facilities" shall mean those project facilities provided for in Section 12938 of the Water Code which will serve the purpose of preventing any reduction in the minimum project yield, as hereinafter defined.

### **(i) Project Transportation Facilities**

"Project transportation facilities" shall mean those project facilities:

- (1) Specified in Water Code Section 12934(d)(2) which are described in Table H of this contract;
- (2) Specified in Water Code Section 12934(d)(5) which are incidental to the facilities included under (1) above;
- (3) Specified in Water Code Section 12934(d)(7) which are necessary and appurtenant to the facilities included under (1) and (2) above.

### **(j) Project Water**

"Project water" shall mean water made available for delivery to the contractors by project conservation facilities and the transportation facilities included in the System.

### **(k) Minimum Project Yield**

"Minimum project yield" shall mean the dependable annual supply of project water to be made available,

estimated to be 4,000,000 acre-feet per year, said amount to be determined by the State on the basis of coordinated operation studies of initial project conservation facilities and additional project conservation facilities, which studies shall be based upon:

- (1) The estimated relative proportion of deliveries for agricultural use to deliveries for municipal use for the year 1990, and the characteristic distributions of demands for these two uses throughout the year.
- (2) An allowable reduction in the agricultural use portion of the minimum project yield, due to drought, of not to exceed fifty percent (50%) in any one year, nor a total of one hundred percent (100%) of one year's supply in any series of seven consecutive years.
- (3) Agreements now in effect or as hereafter amended or supplemented between the State and the United States and others regarding the diversion or utilization of waters of the Delta or streams tributary thereto.

### **(l) Annual Entitlement**

"Annual entitlement" shall mean the amount of project water to be made available to a contractor during the respective year, at the delivery structures provided for such contractor, under the terms of its contract with the State.

### **(m) Maximum Annual Entitlement**

"Maximum annual entitlement" shall mean the maximum amount of project water to be made available to a contractor in any one year, at the delivery structures provided for such contractor, under the terms of its contract with the State.

### **(n) Supplemental Conservation Facilities**

"Supplemental conservation facilities" shall mean those facilities provided for in Section 12938 of the Water Code which will serve the purpose of supplying water in addition to the minimum project yield, and for meeting local needs.

### **(o) Supplemental Water**

"Supplemental water" shall mean water made available by supplemental conservation facilities, in excess of the minimum project yield.

### **(p) Year**

"Year" shall mean the 12-month period from January 1 through December 31, both dates inclusive.

### **(q) Year of Initial Water Delivery**

"Year of initial water delivery" shall mean the year when project water will first be available for delivery to a contractor pursuant to its contract with the State.

**(r) Project Interest Rate**

"Project interest rate" shall mean the weighted average of the interest rates paid by the State on bonds issued under the Bond Act without regard to any premiums received on the sale thereof. Until bonds are issued and sold under the Bond Act, the project interest rate shall be four percent (4%) per annum, and after said bonds have been issued said rate shall be computed as a decimal fraction to five places.

**(s) Capital Costs**

"Capital costs" shall mean all costs incurred subsequent to authorization of a facility for construction by the Legislature or by administrative action pursuant to Section 11290 of the Water Code and to the Bond Act, including those so incurred prior to the beginning of the project repayment period as herein defined and any accrued unpaid interest charges thereon at the rates specified herein, which are properly chargeable to the construction of and the furnishing of equipment for the facilities of the System, including the costs of surveys, engineering studies, exploratory work, designs, preparation of construction plans and specifications, acquisition of lands, easements and rights-of-way, relocation work, and essential administrative work in connection therewith, all as shown upon the official records of the Department of Water Resources.

**(t) Project Repayment Period**

"Project repayment period" shall mean that period of years commencing on January 1, 1961, and extending until all bonds secured by the pledge of revenues provided for by the Bond Act have been repaid.

**(u) Municipal Use**

"Municipal use" shall mean all those uses of water common to the municipal water supply of a city, town, or other similar population group, including uses for domestic purposes, uses for the purposes of commerce, trade or industry, and any other use incidental thereto for any beneficial purpose.

**(v) Manufacturing Use**

"Manufacturing use" shall mean any use of water primarily in the production of finished goods for market.

**(w) Agricultural Use**

"Agricultural use" shall mean any use of water primarily in the production of plant crops or livestock for market, including any use incidental thereto for domestic or stock-watering purposes.

**(x) Subject to Approval by the State**

"Subject to approval by the State" shall mean subject to the determination and judgment of the State as to acceptability.

**(y) Area of Origin Statutes**

"Area of origin statutes" shall mean Sections 10505 and 11460 through 11463 of the Water Code as now existing or hereafter amended.

**2. TERM OF CONTRACT**

This contract shall become effective on the date first above written and shall remain in effect throughout the project repayment period, or for seventy-five (75) years, whichever period is longer.

**3. VALIDATION**

Within one (1) year after the effective date of this contract, the Agency shall submit this contract to a court of competent jurisdiction for determination of its validity by a proceeding in mandamus or other appropriate proceeding or action, which proceeding or action shall be diligently prosecuted to final decree or judgment. In the event that this contract is determined to be invalid by such final decree or judgment, the State shall make all reasonable efforts to obtain validating legislation at the next session of the Legislature empowered to consider such legislation, and within six (6) months after the close of such session, if such legislation shall have been enacted, the Agency shall submit this contract to a court of competent jurisdiction for redetermination of its validity by appropriate proceeding or action, which proceeding or action shall be diligently prosecuted to final decree or judgment.

**4. OPTION FOR CONTINUED SERVICE**

By written notice to the State at least six (6) months prior to the expiration of the term of this contract, the Agency may elect to receive continued service after expiration of said term under the following conditions unless otherwise agreed to:

- (1) Service of water in annual amounts up to and including the Agency's maximum annual entitlement hereunder.
- (2) Service of water at no greater cost to the Agency than would have been the case had this contract continued in effect.
- (3) Service of water under the same physical conditions of service, including time, place, amount and rate of delivery, as are provided for hereunder.
- (4) Retention of the same chemical quality objective provision as is set forth herein.
- (5) Retention of the same options to utilize the project transportation facilities as are provided for in Articles 18(b) and 18(c), to the extent such options are then applicable.

Other terms and conditions of the continued service shall be reasonable and equitable and shall be mutually agreed upon. In the event that said terms and condi-

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tions provide for continued service for a limited number of years only, the Agency shall have the same option to receive continued service here provided for upon the expiration of that and each succeeding period of continued service.

### 5. PLEDGE OF REVENUES

This contract is entered into for the direct benefit of the holders and owners of all general obligation bonds issued under the Bond Act, and the income and revenues derived from this contract are pledged to the purposes and in the priority set forth in that act.

## B. WATER SERVICE PROVISIONS

### 6. ANNUAL ENTITLEMENTS

#### (a) Year of Initial Water Delivery

The year of initial water delivery to the Agency is presently estimated to be 1972. To the extent practicable, the State shall notify the Agency of any change in this estimate.

#### (b) Agency's Annual Entitlements to Water

Commencing with the year of initial water delivery to the Agency, the State each year shall make available for delivery to the Agency the amounts of project water designated in Table A of this contract, which amounts are referred to in this contract as the Agency's annual entitlements.

#### (c) Obligation of State to Complete Facilities

Subject to the availability of funds, the State shall make all reasonable efforts consistent with sound fiscal policies, reasonable construction schedules, and proper operating procedures to complete the project facilities necessary for delivery of project water to the Agency in such manner and at such times that said delivery can commence in or before the year specified in subdivision (a) of this article, and continue in the amounts designated in Table A of this contract.

### 7. CHANGES IN ANNUAL ENTITLEMENTS; MAXIMUM ANNUAL ENTITLEMENT

#### (a) Changes in Annual Entitlements

The Agency may, at any time or times during the term of this contract, by timely written notice furnished to the State, request that project water be made available to it thereafter in annual amounts greater or less than the annual entitlements designated in Table A of this contract. Subject to approval by the State of any such request, the State's construction schedule shall be adjusted to the extent necessary to satisfy the request, and the requested increases or decreases in said annual entitlements shall be incorporated in said Table A by amendment thereof. *Provided, That* no such

change shall be approved if in the judgment of the State it would impair the financial feasibility of the project facilities.

#### (b) Maximum Annual Entitlement of Agency

The maximum amount of project water to be made available to the Agency in any one year under this contract shall be that specified in Table A of this contract and in said table designated as the Agency's "Maximum Annual Entitlement." In no event shall such maximum amount of project water to be made available to the Agency be increased over this amount, except as is otherwise provided in this contract.

### 8. OPTION TO INCREASE MAXIMUM ANNUAL ENTITLEMENT

In the event that the maximum annual entitlements under all contracts executed by the State on or before December 31, 1963, do not aggregate the amount of the minimum project yield as herein defined, the State shall immediately notify the Agency and all other contractors, and the Agency may elect to become entitled to the uncontracted for portion of the minimum project yield in or up to an amount which bears the same ratio to such uncontracted for portion as the Agency's maximum annual entitlement bears to the total of the maximum annual entitlements of all contractors as of that date: *Provided, That* such option may be exercised only to the extent that the water involved can be put to beneficial use within a reasonable period of time. Such option shall become effective on the date that the Agency receives said notice from the State and shall remain in effect through September 30, 1964. If the full amount of such uncontracted for portion of the minimum project yield is not preempted by the Agency under this option and by other contractors through the exercise of similar options on or before September 30, 1964, the Agency may request that it become entitled to any amount of such water not so preempted. Such request shall be subject to approval by the State and shall be considered in the light of all similar requests from other contractors. The State shall approve such request only to the extent that the water involved can be put to beneficial use within a reasonable period of time. Upon the exercise of such option or upon the approval of such request the Agency's maximum annual entitlement in Table A of this contract shall be increased by the amount of the additional entitlement thereby obtained by amendment of that table, and the Agency shall become obligated and hereby agrees to pay to the State a proportionate share of the costs attributable to such increase in accordance with cost allocation principles and procedures set forth in this contract. The service of and payment for said increased entitlement shall in all respects be subject to the terms and conditions of this contract.

**9. DELIVERY POINTS**

Project water made available to the Agency pursuant to Article 6 shall be delivered to the Agency by the State at the delivery structures established in accordance with Article 10.

**10. DELIVERY STRUCTURES****(a) Determination of Size and Location of Delivery Structures**

Project water made available to the Agency pursuant to this contract shall be delivered to the Agency at such locations and times and through delivery structures of such capacities as are requested by the Agency and approved by the State.

**(b) Agency Requests as to Initial Delivery Structures**

Pursuant to subdivision (a) of this article, the Agency shall furnish to the State on or before June 30, 1963 its written requests as to:

- (1) The location of delivery structures for delivery of project water to it.
- (2) The time at which project water is first to be delivered through each such delivery structure.
- (3) The maximum instantaneous flow capacity in cubic feet per second to be provided in each such delivery structure.
- (4) The maximum amount of water in acre-feet to be delivered in any one month through each such delivery structure.
- (5) The total combined maximum instantaneous flow capacity in cubic feet per second to be provided by all such delivery structures.
- (6) The total maximum amount of water in acre-feet to be delivered in any one month through all such delivery structures.

**(c) Requests by Agency for Additional Delivery Structures**

From time to time the Agency may request delivery structures in addition to those requested pursuant to subdivision (b) of this article.

**(d) Agency to Advance Funds for Delivery Structures**

The Agency shall pay all of the costs of delivery structures for the delivery of project water to it, and shall deposit with the State, prior to the commencement of construction of any such delivery structure, an amount of money estimated by the State to be sufficient to cover the costs thereof.

**11. MEASUREMENT OF WATER DELIVERED****(a) Measurement by State**

The State shall measure all project water delivered to the Agency and shall keep and maintain accurate and complete records thereof. For this purpose, the State shall install, operate, and maintain at all delivery

structures for delivery of project water to the Agency such measuring devices and equipment as are satisfactory and acceptable to both parties. Said devices and equipment shall be examined, tested, and serviced regularly to insure their accuracy. At any time or times, the Agency or any other contractor may inspect such measuring devices and equipment, and the measurements and records taken therefrom.

**(b) Agency to Advance Funds for Measuring Devices**

The Agency shall pay all of the costs of acquiring and installing the measuring devices and equipment provided for in subdivision (a) of this article, and shall deposit with the State, prior to such acquisition and installation, an amount of money estimated by the State to be sufficient to cover such costs.

**12. DELIVERY SCHEDULES****(a) Procedure for Determining Water Delivery Schedule**

The amounts, times, and rates of delivery of project water to the Agency during any year shall be in accordance with a water delivery schedule for that year, such schedule to be determined in the following manner:

- (1) On or before October 1 of each year, the Agency shall submit in writing to the State a preliminary water delivery schedule, subject to the provisions of this article and Articles 6(b), 7(b), 10 and 17, indicating the amounts of water desired by the Agency during each month of the succeeding five (5) years.
- (2) Upon receipt of a preliminary schedule the State shall review it and, after consultation with the Agency, shall make such modifications in it as are necessary to insure that the amounts, times, and rates of delivery to the Agency will be consistent with the State's overall delivery ability, considering the then current delivery schedules of all contractors. On or before December 1 of each year, the State shall determine and furnish to the Agency the water delivery schedule for the next succeeding year which shall show the amounts of water to be delivered to the Agency during each month of that year.
- (3) A water delivery schedule may be amended by the State upon the Agency's written request. Proposed amendments shall be submitted by the Agency within a reasonable time before the desired change is to become effective, and shall be subject to review and modification by the State in like manner as the schedule itself.

**(b) Limit on Peak Deliveries of Water**

In no event shall the State contract to deliver to any contractor from the project transportation facili-

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ties downstream from Pumping Plant VI (Tehachapi Pumping Plant) in any one month of any year a total amount of project water greater than eleven percent (11%) of such contractor's annual entitlement for that year; or to deliver to any contractor from the project transportation facilities upstream from said Pumping Plant VI in any one month of any year a total amount of project water greater than the sum of eighteen percent (18%) of that portion of such contractor's annual entitlement for that year to be put to agricultural use, as determined by the State, and eleven percent (11%) of that portion of such contractor's annual entitlement for that year to be put to municipal use, as determined by the State: *Provided*, That if the State delivers project water to any contractor through delivery structures both downstream and upstream from said Pumping Plant VI, the foregoing limitations shall be based on an appropriate apportionment of such contractor's annual entitlement for the respective year to the respective portions of such contractor's service area to which delivery is made from the project transportation facilities downstream from said Pumping Plant VI and from the project transportation facilities upstream therefrom: *Provided further*, That the percentages set forth hereinabove may be revised for a particular contractor by amendment of this subdivision after submission to the State of that contractor's requests with respect to maximum monthly deliveries, such revision being subject to approval by the State and subject to advancement to the State by the contractor of funds sufficient to cover any additional costs of the project transportation facilities occasioned thereby, the amount of such funds to be determined pursuant to Article 24(d).

### **(c) Limit on Rate of Delivery to Agency**

In no event shall the State be obligated to deliver water to the Agency through all delivery structures at a total combined instantaneous rate of flow exceeding 220..... cubic feet per second, except as this rate of flow may be revised by amendment of this article after submission to the State of the Agency's requests with respect to maximum flow capacities to be provided in said delivery structures, pursuant to Article 10.

### **(d) Delivery of Water Not Delivered in Accordance With Schedule**

If in any year the State, as a result of causes beyond its control, is unable to deliver any portion of the Agency's annual entitlement for such year under Table A of this contract as provided for in the delivery schedule established for that year, the Agency may elect to receive the amount of water which otherwise would have been delivered to it during such period at other times during the year or succeeding years, to the extent that such water is then available and such election is consistent with the State's overall delivery ability, considering the then current delivery schedules of all contractors.

## **13. RESPONSIBILITIES FOR DELIVERY AND DISTRIBUTION OF WATER**

### **(a) State Not Liable for Operation Beyond Delivery Structures**

Neither the State nor any of its officers, agents, or employees shall be liable for the control, carriage, handling, use, disposal, or distribution of project water supplied to the Agency after such water has passed the delivery structures established in accordance with Article 10; nor for claim of damage of any nature whatsoever, including but not limited to property damage, personal injury or death, arising out of or connected with the control, carriage, handling, use, disposal or distribution of such water beyond said delivery structures; and the Agency shall indemnify and hold harmless the State and its officers, agents, and employees from any such damages or claims of damages.

### **(b) Agency Not Liable for Operation Upstream From Delivery Structures**

Neither the Agency nor any of its officers, agents, or employees shall be liable for the control, carriage, handling, use, disposal, or distribution of project water before such water has passed the delivery structures established in accordance with Article 10; nor for claim of damage of any nature whatsoever, including but not limited to property damage, personal injury or death, arising out of or connected with the control, carriage, handling, use, disposal, or distribution of such water before it has passed said delivery structures.

## **14. CURTAILMENT OF DELIVERY FOR MAINTENANCE PURPOSES**

### **(a) State May Curtail Deliveries**

The State may temporarily discontinue or reduce the delivery of project water to the Agency hereunder for the purposes of necessary investigation, inspection, maintenance, repair, or replacement of any of the project facilities necessary for the delivery of project water to the Agency. The State shall notify the Agency as far in advance as possible of any such discontinuance or reduction, except in cases of emergency, in which case notice need not be given.

### **(b) Agency May Receive Later Delivery of Water Not Delivered**

In the event of any discontinuance or reduction of delivery of project water pursuant to subdivision (a) of this article, the Agency may elect to receive the amount of water which otherwise would have been delivered to it during such period under the water delivery schedule for that year at other times during the year or succeeding years to the extent that such water is then available and such election is consistent with the State's overall delivery ability, considering the then current delivery schedules of all contractors.

**15. AREA SERVED BY AGENCY****(a) State Approval of Sale of Water by Agency Outside Boundaries**

Project water delivered to the Agency pursuant to this contract shall not be sold or otherwise disposed of by the Agency for use outside the Agency without the prior written consent of the State.

**(b) State Approval of Change in Boundaries or Organization of Agency**

While this contract is in effect no change shall be made in the Agency either by inclusion or exclusion of lands, by partial or total consolidation or merger with another district, by proceedings to dissolve, or otherwise, except with the prior written consent of the State or except by act of the Legislature.

**(c) Map of Agency**

The Agency shall provide the State with a map satisfactory to the State indicating the major existing distribution facilities and the boundaries of the Agency at the time the contract is signed and supplementary maps whenever a boundary change is made.

**16. CONTINUITY AND DEPENDABILITY OF WATER SUPPLY****(a) Limit on Total of all Maximum Annual Entitlements**

The Agency's maximum annual entitlement hereunder, together with the maximum annual entitlements of all other contractors, shall aggregate no more than the minimum project yield as defined herein and in no event more than 4,000,000 acre-feet of project water.

**(b) State to Perfect Water Rights**

The State shall make all reasonable efforts to perfect and protect water rights necessary for the System and for the satisfaction of water supply commitments under this contract.

**(c) State to Report on Ability to Meet Future Water Demands**

Commencing within two (2) years from the year of initial project water delivery to the Agency, the State shall submit to the agency at not more than five-year intervals a report on the State's ability to meet future demands for project water and for supplemental water, and on the State's plans for constructing additional project conservation facilities and supplemental conservation facilities. Such reports shall include all estimates, projections, and other data which the State deems relevant thereto.

**(d) Construction of Additional and Supplemental Conservation Facilities**

Bond funds required to be expended for the construction of additional facilities of the System under

the provisions of Section 12938 of the Water Code shall be expended only for construction of additional project conservation facilities as defined herein, and related, appurtenant facilities necessary and desirable to meet local needs: *Provided*, That if at any time after 1985 the State finds that a part or all of such bond funds are not then required for the above purpose, and will not be so required within the next succeeding ten (10) years, such bond funds may be used, to the extent permitted in the Bond Act, to construct supplemental conservation facilities as defined herein.

**(e) Furnishing of Supplemental Water**

In planning and designing supplemental conservation facilities the State shall give consideration to the requirements and demands for supplemental water of the Agency and others who have contracted for project water. Entitlements to supplemental water shall be obtained, and repayment therefor shall be arranged, in contracts separate from contracts for project water.

**17. CONSTRUCTION OF PROJECT FACILITIES****(a) Determination of Aqueduct Capacities**

Subject to the rights of the Agency under subdivision (b) of this article and the other provisions of this contract, the State shall provide in each aqueduct reach of the project transportation facilities such maximum monthly delivery capability for the transport and delivery of project water to the Agency as, in the judgment of the State, will best serve the interests of the Agency and all other contractors entitled to delivery of project water from or through said facilities: *Provided*, That within three (3) months after the effective date of this contract the Agency shall furnish to the State a written request specifying such maximum monthly delivery capabilities, and the State shall give full consideration to such request in planning and designing said facilities.

**(b) Criteria for Determining Capacity of Transportation Facilities**

Subject to Article 45, the State shall design and construct the project transportation facilities so as to provide in each reach thereof, including reservoirs, the capacity necessary to enable delivery of project water in each year to the Agency and to other contractors in the maximum monthly amounts and at the locations, times, and maximum rates specified or provided for in their respective contracts for such year, and shall include in each such reach such capacity as is economically justified in the judgment of the State to compensate for scheduled outages for purposes of necessary investigation, inspection, maintenance, repair or replacement of project facilities, and for losses of water due to evaporation, leakage, seepage, or other causes: *Provided*, That regulatory storage reservoirs included

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in the project transportation facilities may be utilized in conjunction with conveyance capacity provided in said facilities for delivery to the Agency of the foregoing monthly amounts.

### **(c) Inspection of Project Plans and Specifications**

The Agency shall have a reasonable opportunity to inspect and study the State's plans and specifications for all project facilities and may make comments and recommendations thereon to the State. Such privilege shall also extend to any plans and specifications in connection with the use by the State, in conjunction with the project facilities, of facilities owned by an entity other than the State. The State shall not enter into any such agreement which would impair the State's ability to perform fully its obligations under this contract.

### **(d) Restriction on Bond Sales**

No bonds shall be sold nor funds expended under the authority of the Bond Act for the construction of any aqueduct or appurtenance thereto included in the System unless and until contracts are executed which will insure the recovery by the State of at least seventy-five percent (75%) of those capital costs of the particular aqueduct and any appurtenances thereto which shall be reimbursable by the contractors as determined by the State; nor shall any bonds be sold or funds expended under the authority of the Bond Act for the construction of any project conservation facility or supplemental conservation facility, unless and until contracts are executed which, together with estimated revenues from the sale or other disposal of electrical energy generated in connection with operation of project conservation facilities and supplemental conservation facilities, will insure the recovery by the State of at least seventy-five percent (75%) of those capital costs of the particular facility which shall be reimbursable by the contractors as determined by the State: *Provided*, That the foregoing limitations shall not apply with respect to: (1) surveys, engineering studies, exploratory work, designs, preparation of construction plans and specifications, acquisition of lands, easements and rights of way, relocation work, and essential administrative work in connection therewith; (2) construction for which appropriations had been made prior to approval of the Bond Act by the voters of the State of California; and (3) construction of facilities pursuant to an agreement between the State and the United States.

### **(e) Failure to Complete Facilities**

In the event that the State fails or is unable to complete construction of any portion or portions of the project transportation facilities necessary to deliver water to the Agency as provided in this contract, and gives the Agency written notice thereof, or by reason of such failure or inability construction of said facilities has ceased for a period of two and one-half (2½) years, the Agency, if it be not then in default and

without exclusion of such other rights as it may have under this contract, may exercise the following options:

- (1) The Agency may provide funds to the State in such amounts and at such times as may be necessary to enable the State to complete construction of such incompleting portion or portions of the project transportation facilities to the extent necessary for the transport and delivery of water to the Agency as provided for in this contract: *Provided*, That the State shall be and remain the owner of such project transportation facilities or portions thereof constructed in whole or in part with funds provided by the Agency, and shall be and remain obligated to operate, maintain, repair and replace such facilities to the full extent contemplated in this contract: *Provided further*, That the amount of any funds so provided by the Agency shall be credited by the State against the Agency's payment obligation under the capital cost component of the Transportation Charge, but the Agency shall be and remain obligated to pay its share of any capital costs of the above-described facilities not paid for with such funds, together with its proportionate share of the operation, maintenance, power and replacement costs of such facilities.
- (2) The Agency may at its own expense, and on a joint venture basis if such an arrangement is made with other contractors having similar options, connect to the project transportation facilities constructed by the State for the purpose of receiving project water to which it is entitled under this contract. In such event and notwithstanding any other provisions of this contract, the structures for delivery of project water to the Agency pursuant hereto shall thereafter be deemed to be located at such point of connection. Specific arrangements for acquiring, constructing, operating, maintaining and replacing the Agency's facilities at the point of connection thereof with the State's facilities shall be in accordance with terms and conditions mutually agreed upon by the parties: *Provided*, That the State shall be and remain the owner of all facilities constructed by it to said point of connection, and the Agency shall be and remain obligated to pay its proportionate share of the costs thereof.

## **18. SHORTAGE IN WATER SUPPLY**

### **(a) Temporary Shortages; Delivery Priorities**

In any year in which there may occur a shortage due to drought or other temporary cause in the supply of project water available for delivery to the contractors, with the result that such supply is less than the total of the annual entitlements of all contractors for that year, the State shall, before reducing deliveries

of project water to all contractors, reduce the delivery of project water to each contractor using such water for agricultural purposes by a percentage, not to exceed fifty percent (50%) in any one year or a total of one hundred percent (100%) in any series of seven consecutive years, of that portion of the contractor's annual entitlement for the respective year which is to be put to agricultural use as determined by the State: *Provided*, That such percentage shall be the same for all such contractors. The maximum total reduction in deliveries allowable under the above provision shall be made before any reduction is made in project water deliveries for other uses. Any necessary reduction in deliveries of project water beyond said maximum total reduction allowable under the foregoing provision shall be apportioned among all contractors irrespective of the uses to which such water is to be put. In such event, the State shall reduce deliveries to each contractor in an amount which bears the same proportion to the total amount of such necessary further reduction that the contractor's annual entitlement bears to the total of the annual entitlements of all contractors for that year, all as determined by the State: *Provided*, That the State may apportion on some other basis if such is required to meet minimum demands for domestic supply, fire protection, or sanitation during the year. The foregoing provisions of this subdivision shall be inoperative to the extent that a contractor's annual entitlement for the respective year reflects established rights under the area of origin statutes precluding a reduction in deliveries to such contractor.

**(b) Permanent Shortage; Reduction of Entitlements**

In the event that the State is unable to construct sufficient additional conservation facilities to prevent a reduction in the minimum project yield, or if for any other reason there is a reduction in the minimum project yield, which, notwithstanding preventive or remedial measures taken or to be taken by the State, threatens a permanent shortage in the supply of project water to be made available to the contractors:

- (1) The annual entitlements and the maximum annual entitlements of all contractors, except to the extent such entitlements may reflect established rights under the area of origin statutes, shall, by amendment of Table A of this contract, be reduced proportionately by the State to the extent necessary so that the sum of the revised maximum annual entitlements of all contractors will then equal such reduced minimum project yield: *Provided*, That appropriate adjustment in the contractors' respective financial obligations to the State under the Transportation Charge shall be made in accordance with such reduced entitlements if such reductions have not been strictly proportionate throughout.
- (2) The Agency, at its option, shall have the right to use any of the project transportation facilities

which by reason of such reduction in the minimum project yield are not required for delivery of project water to the Agency, to transport water procured by it from any other source: *Provided*, That such use shall be within the limits of the capacities provided in the project transportation facilities for service to the Agency under this contract: *Provided further*, That except to the extent such limitation in Section 12931 of the Water Code be changed, the Agency shall not use the project transportation facilities under this option to transport water the right to which was secured by the Agency through eminent domain unless such use be approved by the Legislature by concurrent resolution with a majority of the members elected to each house voting in favor thereof.

**(c) Permanent Shortage; Contracts for Areas-of-Origin**

In the event that the State, because of the establishment by a party of a prior right to water under the provisions of Sections 11460 through 11463 of the Water Code, enters into a contract with such party for a dependable supply of project water, which contract will cause a permanent shortage in the supply of project water to be made available to the Agency hereunder:

- (1) The State shall: (i) equitably redistribute the costs of all transportation facilities included in the System among all contractors for project water, taking into account the diminution of the supply to the Agency and other prior contractors and the payments theretofore made by the Agency and other prior contractors in accordance with the terms of their contracts, and (ii) revise the Agency's annual entitlements and maximum annual entitlement, by amendment of Table A of this contract, to correspond to the reduced supply of project water to be made available to the Agency: *Provided*, That such redistribution of costs of transportation facilities shall not be made until there has been reasonable opportunity for the Agency to exercise the option provided for in (2) below, and for other prior contractors to exercise similar options.
- (2) The Agency, at its option, shall have the right to use any of the project transportation facilities which by reason of such permanent shortage in the supply of project water to be made available to the Agency are not required for delivery of project water to the Agency, to transport water procured by it from any other source: *Provided*, That such use shall be within the limits of the capacities provided in the project transportation facilities for service to the Agency under this contract: *Provided further*, That, except to the extent such limitation

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in Section 12931 of the Water Code be changed, the Agency shall not use the project transportation facilities under this option to transport water the right to which was secured by the Agency through eminent domain unless such use be approved by the Legislature by concurrent resolution with a majority of the members elected to each house voting in favor thereof. This option shall terminate upon a redistribution of costs of transportation facilities by the State pursuant to (1) above. In the event that this option is exercised, the State shall take such fact into account in making such redistribution of costs, and shall offset such use as is made of the project transportation facilities pursuant thereto against any reduction in the Agency's payment obligation hereunder resulting from such redistribution of costs.

### (d) Reinstatement of Entitlements

If after any revision of annual entitlements and maximum annual entitlements pursuant to subdivisions (b) or (c) of this article, circumstances arise which, in the judgment of the State, justify a revision upward of the same, the State shall, with the consent of the affected contractor, reinstate proportionately the previously reduced entitlements of such contractor to the extent deemed justified, and shall equitably redistribute the costs of the project transportation facilities if inequities would otherwise occur as a result of such reinstatement of entitlements.

### (e) Advance Notice of Delivery Reductions

The State shall give the Agency written notice as far in advance as possible of any reduction in deliveries to it under subdivision (a) of this article and, to the extent possible, shall give the Agency written notice five (5) years in advance of any reduction in its annual entitlements and maximum annual entitlement under subdivisions (b) or (c) of this article. Reports submitted to the Agency pursuant to Article 16 (c) may constitute such notices.

### (f) No Liability for Shortages

Neither the State nor any of its officers, agents, or employees shall be liable for any damage, direct or indirect, arising from shortages in the amount of water to be made available for delivery to the Agency under this contract caused by drought, operation of area of origin statutes, or any other cause beyond its control.

## 19. WATER QUALITY

### (a) Table of Water Quality Objectives

It shall be the objective of the State and the State shall take all reasonable measures to make available, at all delivery structures for delivery of project water

to the Agency, project water of such quality that the following constituents do not exceed the concentrations stated as follows:

Constituents	Unit	Average for any 10-year Period		Maximum
		Monthly Average	Period	
Total Dissolved Solids	ppm.	440	220	---
Total Hardness	ppm.	180	110	---
Chlorides	ppm.	110	55	---
Sulfates	ppm.	110	20	---
Boron	ppm.	0.6	---	---
Sodium Percentage	%	50	40	---
Fluoride	ppm.	---	---	1.5
Lead	ppm.	---	---	0.1
Selenium	ppm.	---	---	0.05
Hexavalent Chromium	ppm.	---	---	0.05
Arsenic	ppm.	---	---	0.05
Iron and Manganese together	ppm.	---	---	0.3
Magnesium	ppm.	---	---	125
Copper	ppm.	---	---	3.0
Zinc	ppm.	---	---	15
Phenol	ppm.	---	---	0.001

### (b) Records of Water Quality

The State shall regularly take samples of water at each delivery structure for delivery of project water to the Agency, and shall make chemical and physical analyses and tests of such samples. The State shall keep accurate and complete records of all such analyses and tests, which records shall be available for inspection by the Agency at any time or times.

### (c) No Liability for Failure to Meet Quality Objectives

If through no negligence of the State or its officers, agents, or employees, the State is unable to attain the quality objectives set forth in subdivision (a) of this article, neither the State nor any of its officers, agents, or employees shall be liable in any manner whatsoever for such deviation from said quality objectives.

## 20. SUSPENSION OF SERVICE UPON DEFAULT

In the event of any default by the Agency in the payment of any money required to be paid to the State hereunder, the State may, upon not less than six months' notice to the Agency, suspend deliveries of water under this contract for so long as such default continues: *Provided*, That during such period the Agency shall remain obligated to make all payments required under this contract. Action taken pursuant to this article shall not deprive the State of or limit any remedy provided by this contract or by law for the recovery of money due or which may become due under this contract.

## 21. SALE OF SURPLUS WATER

If during any year the supply of project water, after appropriate allowance for holdover storage, exceeds the total of annual entitlements of all contractors for that year, the State shall offer to sell and deliver such

surplus water for periods expiring not later than the end of such year, without right of renewal, and in a manner and at prices which will return to the State the largest net revenues practicable, and at the minimum, revenues equal to the variable operation, maintenance and power costs incurred in such service of surplus water: *Provided*, That such service of surplus water shall not interfere with the delivery of their respective annual entitlement to those contractors which do not receive surplus water in such year: *Provided further*, That not until a contractor either pays or incurs a payment obligation for its annual entitlement in accordance with the payment provisions of its contract, shall surplus water be sold to such contractor at prices less than those which would result under the application of the payment provisions of its contract: *Provided further*, That if, in the judgment of the State, the annual entitlement of a contractor desiring to purchase surplus water is unrealistically low for the year in which such purchase is to be made, the State shall, for the purpose of pricing such water in accordance with the second proviso above, consider such annual entitlement to be an increased amount determined by the State to accurately correspond to such contractor's actual requirements for project water in that year. All net revenues from the service of surplus water shall be applied in such manner that all contractors which contribute to the payment of the costs of any System facilities by which surplus water was conserved and transported in connection with such service will receive credit for a share of such net revenues in the proportion that each such contractor contributes to payment of such costs. The service of surplus water shall, in every case, be subject to the paramount right and obligation of the State to discontinue the same, in whole or in part, when required for service of project water to contractors.

## C. PAYMENT PROVISIONS

### 22. DELTA WATER CHARGE

#### (a) *Payment of Reimbursable Costs of Project Conservation Facilities*

The payments to be made by each contractor for project water shall include an annual charge designated as the Delta Water Charge. This charge, together with the total revenues derived during the project repayment period from the sale or other disposal of electrical energy generated in connection with operation of project conservation facilities, shall return to the State during the project repayment period all costs of the project conservation facilities including capital, operation, maintenance, power, and replacement costs, which are allocated to the purpose of water conservation in, above, and below the Delta pursuant to subdivision (e) of this article during the project repayment period. Wherever reference is

made, in connection with the computation or determination of the Delta Water Charge, to the costs of any facility or facilities included in the System, such reference shall be only to those costs of such facility or facilities which are reimbursable by the contractors as determined by the State.

#### (b) *Delta Water Rate Until 1970; Components of Rate Thereafter*

For each contractor receiving project water in any year through December 31, 1969, the Delta Water Charge shall be the product of \$3.50 and the contractor's annual entitlement to project water for the respective year. After that date, the Delta Water Charge shall consist and be the sum of the following components as these are computed in accordance with subdivisions (c) and (d) of this article: a capital cost component; a minimum operation, maintenance, power, and replacement component; and a variable operation, maintenance, power and replacement component.

#### (c) *Computation of the Components of the Delta Water Rate*

The capital cost, the minimum operation, maintenance, power, and replacement, and the variable operation, maintenance, power, and replacement components of the Delta Water Charge, together with that portion of the revenues derived during the project repayment period from the sale or other disposal of electrical energy generated in connection with operation of project conservation facilities which is allocated by the State to repayment of the respective category of costs, shall return to the State during the project repayment period, respectively, the following categories of the costs allocated to the purpose of water conservation in, above, and below the Delta pursuant to subdivision (e) of this article: (1) capital costs; (2) operation, maintenance, power, and replacement costs incurred irrespective of the amount of project water delivered to the contractors; and (3) operation, maintenance, power, and replacement costs incurred in an amount which is dependent upon and varies with the amount of project water delivered to the contractors: *Provided*, That each of the above categories of costs shall be inclusive of the appropriate costs properly chargeable to the generation and transmission of electrical energy in connection with operation of project conservation facilities. Each component of the Delta Water Charge shall be computed on the basis of a rate which, when charged during the project repayment period for each acre-foot of the sum of the yearly totals of annual entitlements of all contractors, will be sufficient, together with that portion of the revenues derived during the project repayment period from the sale or other disposal of electrical energy generated in connection with operation of project conservation facilities which is allo-

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cated by the State to repayment of the respective category of costs, to return to the State during the project repayment period all costs included in the

respective category of costs covered by that component. Each such rate shall be computed in accordance with the following formula:

$$\frac{(c_1 - r_1)(1 + i)^{-1} + (c_2 - r_2)(1 + i)^{-2} + \dots + (c_n - r_n)(1 + i)^{-n}}{e_1(1 + i)^{-1} + e_2(1 + i)^{-2} + \dots + e_n(1 + i)^{-n}}$$

Where:

$i$  = The project interest rate.

$c$  = The total costs included in the respective category of costs for the respective year of the project repayment period.

$r$  = That portion of the revenues derived from the sale or other disposal of electrical energy allocated by the State to repayment of the costs included in the respective category for the respective year of the project repayment period.

1, 2, and  $n$   
appearing  
below

$c$  and  $r$  = The respective year of the project repayment period for which costs are included in the respective category,  $n$  being the last year of the project repayment period.

$e$  = With respect to the capital cost and minimum operation, maintenance, power, and replacement components, the total of annual entitlements to project water of all contractors for the respective year of the project repayment period.

$e$  = With respect to the variable operation, maintenance, power, and replacement component, the total of the amounts of project water delivered to all contractors for the respective year of the expired portion of the project repayment period, together with the total of annual entitlements to project water of all contractors for the respective year of the unexpired portion of the project repayment period.

1, 2, and  $n$   
appearing  
below  $e$

= The respective year of the project repayment period in which the annual entitlements or project water deliveries occur,  $n$  being the last year of the project repayment period.

$n$  used  
as an

exponent = The number of years in the project repayment period.

### (d) Application of Component Rates

The capital cost and minimum operation, maintenance, power, and replacement components of the Delta Water Charge shall be the product of the appropriate rate computed under subdivision (c) of this article, and the contractor's annual entitlement to project water for the respective year. The variable operation, maintenance, power, and replacement component of the charge shall be the product of the appropriate rate computed under subdivision (c) of this article and the number of acre-feet of project water delivered to the contractor during the respective year: *Provided*, That when project water has been requested by a contractor and delivery thereof has been commenced by the State, and through no fault of the State, such water is wasted as a result of failure or refusal by the contractor to accept delivery thereof, said variable component during such period shall be the product of said rate per acre-foot and the sum of the number of acre-feet of project water delivered to the contractor and the number of acre-feet wasted.

### (e) Allocations to Project Purposes

Prior to the time that additional project conservation facilities or supplemental conservation facilities are constructed, the Delta Water Charge shall be determined on the basis of an allocation to project

purposes, by the separable cost-remaining benefits method, of all projected costs of all those initial project conservation facilities located in and above the Delta, and upon an allocation to the purposes of water conservation and water transportation, by the proportionate use of facilities method, of all projected costs of the following project facilities located below the Delta: The aqueduct intake facilities at the Delta, Pumping Plant I (Delta Pumping Plant), the aqueduct from the Delta to San Luis Forebay, San Luis Forebay, and San Luis Reservoir: *Provided*, That all of the projected costs properly chargeable to the generation and transmission of electrical energy in connection with operation of project conservation facilities shall be allocated to the purpose of water conservation in, above, and below the Delta: *Provided further*, That allocations to purposes the costs of which are to be paid by the United States shall be as determined by the United States. Commencing in the year in which the State first incurs capital costs for construction of additional project conservation facilities, the Delta Water Charge shall be determined on the basis of the foregoing allocations and upon an allocation to project purposes, by the separable costs-remaining benefits method and subject to the foregoing provisos, of all projected costs of such additional project conservation facilities.

**(f) Yearly Recomputation of Rates After 1970**

The rates to be used in determining the components of the Delta Water Charge pursuant to subdivision (d) of this article and to become effective on January 1, 1970, shall be computed by the State in accordance with subdivision (c) of this article prior to that date. Such computation shall include an adjustment which shall account for the difference, if any, between revenues received by the State under the Delta Water Charge prior to January 1, 1970, and revenues which would have been received under the charge prior to that date had it been computed and charged in accordance with subdivisions (c) and (d) of this article. Upon such computation, a document establishing such rates shall be prepared by the State and attached to this contract as an amendment of this article. The State shall recompute such rates each year thereafter, and each such recomputation shall take account of and reflect increases or decreases from year to year in projected costs, outstanding reimbursable indebtedness of the State incurred to construct the project conservation facilities described in subdivision (e) of this article, annual entitlements, deliveries of project water, project interest rate, revenues from the sale or other disposal of electrical energy, and all other factors which are determinative of such rates. In addition, each such recomputation shall include an adjustment of the rates for succeeding years which shall account for the differences, if any, between projections of costs used by the State in determining said rates for all preceding years, and actual costs incurred by the State during such years. Upon each such recomputation, an appropriately revised copy of the document establishing such rates shall be prepared by the State and attached to this contract as an amendment of this article.

**(g) Supplemental Conservation Facilities**

Upon the construction of supplemental conservation facilities, the Delta Water Charge shall be paid by all contractors for supplemental water, as well as by contractors for project water, and, together with revenues derived from the sale or other disposal of electrical energy generated in connection with operation of project conservation facilities and supplemental conservation facilities, shall return to the State, in addition to those costs of the project conservation facilities allocated to the purpose of water conservation in, above, and below the Delta pursuant to subdivision (e) of this article, all costs of such supplemental conservation facilities, including capital, operation, maintenance, power, and replacement costs, which are allocated to the purpose of water conservation in, above, and below the Delta pursuant hereto. Commencing in the year in which the State first incurs capital costs for construction of supplemental conservation facilities, the Delta Water Charge shall be determined on the basis of the allocations made pursuant to subdivision (e) of

this article, and upon an allocation to project purposes, by the separable costs-remaining benefits method and subject to provisos corresponding to those contained in said subdivision (e), of all projected costs of such supplemental conservation facilities. Commencing in the same year, the computation of the rates to be used in determining the components of the Delta Water Charge shall include the annual entitlements to water under all contracts for supplemental water. If the repayment period of any bonds sold to construct supplemental conservation facilities extends beyond the project repayment period, the Delta Water Charge shall be determined and redetermined on the basis of such extended repayment period as the State determines to be appropriate.

**23. TRANSPORTATION CHARGE**

The payments to be made by each contractor entitled to delivery of project water from the project transportation facilities shall include an annual charge under the designation Transportation Charge. This charge shall return to the State during the project repayment period those costs of all project transportation facilities necessary to deliver project water to the contractor including capital, operation, maintenance, power, and replacement costs, which are allocated to the contractor during the project repayment period in accordance with the cost allocation principles and procedures herein after set forth. Wherever reference is made, in connection with the computation, determination, or payment of the Transportation Charge, to the costs of any facility or facilities included in the System, such reference shall be only to those costs of such facility or facilities which are reimbursable by the contractors as determined by the State. The Transportation Charge shall consist of a capital cost component; a minimum operation, maintenance, power, and replacement component; and a variable operation, maintenance, power, and replacement component, as these components are defined in and determined under Articles 24, 25, and 26, respectively. For the purpose of allocations of costs pursuant to said articles, the project transportation facilities shall be segregated into such aqueduct reaches as are determined by the State to be necessary for such allocations of costs. Subject to such modifications as are determined by the State to be required by reason of any request furnished by the Agency to the State pursuant to Article 17(a) of this contract, or by reason of contracts entered into by the State with other contractors, the aqueduct reaches of the project transportation facilities are established as set forth in Table I of this contract: *Provided*, That those costs of the aqueduct reaches from the Delta through the outlet of San Luis Reservoir which are allocated to the purpose of water conservation in, above, and below the Delta for the purpose of determining the Delta Water Charge, as hereinbefore set forth, shall not be included in the Transportation Charge.

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### 24. TRANSPORTATION CHARGE—CAPITAL COST COMPONENT

#### (a) Method of Computation

The capital cost component of the Transportation Charge shall be sufficient to return to the State those capital costs of the project transportation facilities necessary to deliver water to the contractor which are allocated to the contractor pursuant to subdivision (b) of this article. The amount of this component shall be determined in two steps as follows: (1) an allocation of capital costs to the contractor, and (2) a computation of annual payment of such allocated capital costs and interest thereon, computed at the project interest rate and compounded annually, to be made by the contractor.

#### (b) Allocation of Capital Costs Among Contractors

In the first step, the total amount of capital costs of each aqueduct reach to be returned to the State shall be allocated among all contractors entitled to delivery of project water from or through the reach by the proportionate use of facilities method of cost allocation and in accordance with (1) and (2) below. The measure of the proportionate use of each contractor of each reach shall be the average of the following two ratios: (i) the ratio of the contractor's maximum annual entitlement to be delivered from or through the reach to the total of the maximum annual entitlements of all contractors to be delivered from or through the reach; and (ii) the ratio of the capacity provided in the reach for the transport and delivery of project water to the contractor to the total capacity provided in the reach for the transport and delivery of project water to all contractors served from or through the reach. Allocations of capital costs to the Agency pursuant hereto shall be on the basis of relevant values which will be set forth in Table B of this contract by the State as soon as designs and cost estimates are prepared by it subsequent to receipt of requests from the Agency as to the maximum monthly delivery capability to be provided in each aqueduct reach of the project transportation facilities for the transport and delivery of project water to the Agency, pursuant to Article 17(a): *Provided*, That these values shall be subject to redetermination by the State in accordance with Article 28: *Provided further*, That the principles and procedures set forth in this subdivision shall be controlling as to allocations of capital costs to the Agency.

- (1) The total amount of capital costs allocated to a contractor shall be the sum of the products obtained when there is multiplied, for each aqueduct reach necessary to deliver water to the contractor, the total amount of the capital costs of the reach to be returned to the State under the Transportation Charge by the average of the two foregoing ratios for such reach as

said average is set forth in the appropriate table included in its contract.

- (2) In the event that excess capacity is provided in any aqueduct reach for the purpose of making project water available in the future to an agency or agencies with which the State has not executed contracts at the time of any allocation of costs pursuant to this subdivision, the prospective maximum annual entitlement or entitlements to be supplied by such excess capacity, as determined by the State, shall be deemed to be contracted for by said agency or agencies for the purpose of such allocation of costs, to the end that the capital costs of providing such excess capacity are not charged to any contractor entitled by virtue of an executed contract to the delivery of project water from or through that aqueduct reach at the time of such allocation. Where additional capacity is provided in any aqueduct reach to compensate for loss of water due to evaporation, leakage, seepage, or other causes, or to compensate for scheduled outages for purposes of necessary investigation, inspection, maintenance, repair or replacement of the facilities of the project facilities, then, for the purpose of any allocation of costs pursuant to this subdivision: (i) the maximum annual entitlement to be delivered from or through the reach of each contractor entitled to delivery of project water from or through the reach shall be increased by an amount which bears the same proportion to the maximum annual delivery capability provided by such additional capacity that the contractor's maximum annual entitlement to be delivered from or through the reach bears to the total of the maximum annual entitlements to be delivered from or through the reach under all contracts; and (ii) the capacity provided in the reach for each contractor entitled to delivery of project water from or through the reach shall be increased in the same proportion that the contractor's maximum annual entitlement to be delivered from or through the reach is increased pursuant to (i) above.
- (3) The projected amounts of capital costs to be allocated annually to the Agency under the capital cost component of the Transportation Charge shall be determined by the State in accordance with the cost allocation principles and procedures set forth in this subdivision, which principles and procedures shall be controlling as to allocations of capital costs to the Agency. Such amounts will be set forth in Table C of this contract by the State as soon as designs and cost estimates are prepared by it subsequent to receipt of requests from the Agency as to the maximum monthly delivery capability to be

provided in each aqueduct reach for transport and delivery of project water to the Agency, pursuant to Article 17(a): *Provided*, That these amounts shall be subject to redetermination by the State in accordance with Article 28.

**(c) Annual Payments of Allocated Capital Costs**

In the second step, the Agency's annual payment of its allocated capital costs and interest thereon, computed at the project interest rate and compounded annually, shall be determined in accordance with a payment schedule established by the State and determined in accordance with the principles set forth in (1), (2), and (3) below, which principles shall be controlling as to the Agency's payment of its allocated capital costs. The Agency's payment schedule will be set forth in Table D of this contract by the State as soon as designs and cost estimates are prepared by it subsequent to receipt of requests from the Agency as to the maximum monthly delivery capability to be provided in each aqueduct reach for transport and delivery of project water to the Agency, pursuant to Article 17(a): *Provided*, That the amounts set forth in Table D shall be subject to redetermination by the State, pursuant to Article 28.

- (1) The Agency's annual payment shall be the sum of the amounts due from the Agency on the Agency's allocated capital costs for the then current year and for each previous year where each such amount will pay, in not more than fifty (50) equal annual installments of principal and interest, the Agency's allocated capital costs for the respective year and interest thereon, computed at the project interest rate and compounded annually.
- (2) The Agency may make payments at a more rapid rate if approved by the State.
- (3) Such annual payments shall cease when all allocated capital costs and interest thereon, computed at the project interest rate and compounded annually, are repaid.

**(d) Payment in Advance for Excess Peaking Capacity**

In the event that any contractor, pursuant to Article 12(b), requests delivery capacity in any aqueduct reach which will permit maximum monthly deliveries to such contractor in excess of the percentage amounts specified in said Article 12(b) for the uses designated therein, such contractor shall furnish to the State, in advance of the construction of such aqueduct reach, funds sufficient to cover the costs of providing such excess capacity, which funds shall be in an amount which bears the same proportion to the total capital costs of such reach, including the costs of providing such excess capacity, as such excess capacity bears to the total capacity of such reach, including such excess capacity. For the purpose of any allocation of costs pursuant to subdivision (b) of this article, the total

capital costs of such aqueduct reach shall be allocated among all contractors entitled to delivery of project water from or through the reach in the following manner:

- (1) The costs which would have been incurred for such reach had no such excess capacity been provided shall be estimated by the State and allocated among all such contractors in the manner provided in said subdivision (b); and
- (2) The amount of the difference between said estimated costs and the projected actual costs of such reach shall be allocated to the contractor or contractors for which such excess capacity is provided.

Where such excess capacity is provided for more than one contractor, the costs allocated to them under (2) above shall be further allocated between or among them in amounts which bear the same proportion to the total of said allocated costs as the amount of such excess capacity provided for the respective contractor bears to the total of such excess capacity provided in such reach. In the event that the funds advanced by a contractor pursuant to this subdivision are more or less than the costs so allocated to such contractor under (2) above, the account of such contractor shall be credited or debited accordingly.

**(e) Costs Incurred Prior to Date of Contract**

The Agency's allocated capital costs for the year preceding the year of initial payment of the capital component of the Transportation Charge, pursuant to subdivision (c) of this article, shall consist of the sum of the Agency's allocated capital costs for each year through such year preceding the year of initial payment, and interest thereon, computed at the project interest rate and compounded annually.

**25. TRANSPORTATION CHARGE—MINIMUM OPERATION, MAINTENANCE, POWER, AND REPLACEMENT COMPONENT**

**(a) Method of Computation**

The minimum operation, maintenance, power, and replacement component of the Transportation Charge shall return to the State those costs of the project transportation facilities necessary to deliver water to the contractor which constitute operation, maintenance, power, and replacement costs incurred irrespective of the amount of project water delivered to the contractor and which are allocated to the contractor pursuant to (b) below: *Provided*, That to the extent permitted by law, the State may establish reserve funds to meet anticipated minimum replacement costs; and deposits in such reserve funds by the State: (1) shall be made in such amounts that such reserve funds will be adequate to meet such anticipated costs as they are incurred, and (2) shall be deemed to be a part of the minimum replacement costs for the year in which such deposits are made.

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### (b) Allocation of Costs

The total projected minimum operation, maintenance, power, and replacement costs of each aqueduct reach of the project transportation facilities for the respective year shall be allocated among all contractors entitled to delivery of project water from said facilities by the proportionate use of facilities method of cost allocation, in the same manner and upon the same bases as are set forth for the allocation of capital costs in Article 24: *Provided*, That such minimum operation, maintenance, power, and replacement costs as are incurred generally for the project transportation facilities first shall be allocated to each aqueduct reach in an amount which bears the same proportion to the total amount of such general costs that the amount of the costs incurred directly for the reach bears to the total of all direct costs for all aqueduct reaches.

### (c) Payment Table

The amount to be paid each year by the Agency under the minimum operation, maintenance, power, and replacement component of the Transportation Charge shall be determined in accordance with subdivision (b) of this article on the basis of the relevant values to be set forth for the respective aqueduct reaches in Table B of this contract: *Provided*, That these values shall be subject to redetermination by the State in accordance with Article 28. Such amounts and any interest thereon shall be set forth by the State in Table E of this contract as soon as designs and cost estimates have been prepared by it subsequent to receipt of requests from the Agency as to the maximum monthly delivery capability to be provided in each aqueduct reach for transport and delivery of project water to the Agency, pursuant to Article 17(a): *Provided*, That the amounts set forth in Table E shall be subject to redetermination by the State in accordance with Article 28.

## 26. TRANSPORTATION CHARGE—VARIABLE OPERATION, MAINTENANCE, POWER, AND REPLACEMENT COMPONENT

### (a) Method of Computation

The variable operation, maintenance, power, and replacement component of the Transportation Charge shall return to the State those costs of the project transportation facilities necessary to deliver water to the contractor which constitute operation, maintenance, power, and replacement costs incurred in an amount which is dependent upon and varies with the amount of project water delivered to the contractor and which are allocated to the contractor pursuant to (1) and (2) below: *Provided*, That to the extent permitted by law, the State may establish reserve funds to meet anticipated variable replacement costs; and deposits in such reserve funds by the State: (1) shall

be made in such amounts that such reserve funds will be adequate to meet such anticipated costs as they are incurred, and (2) shall be deemed to be a part of the variable replacement costs for the year in which such deposits are made. The amount of this component shall be determined as follows:

(1) There shall be computed for each aqueduct reach of the project transportation facilities a charge per acre-foot of water which will return to the State the total projected variable operation, maintenance, power, and replacement costs of the reach for the respective year. This computation shall be made by dividing said total by the number of acre-feet of project water estimated to be delivered from or through the reach to all contractors during the year.

(2) The amount of the variable component shall be the sum of the products obtained when the charges per acre-foot of water, determined under (1) above, for each aqueduct reach necessary to deliver water to the contractor are multiplied by the number of acre-feet of project water delivered to the contractor from or through that reach during the year: *Provided*, That when project water has been requested by a contractor and delivery thereof has been commenced by the State, and, through no fault of the State, such water is wasted as a result of failure or refusal by the contractor to accept delivery thereof, the amount of said variable component to be paid by such contractor during such period shall be the product of the above sum and the sum of the number of acre-feet of project water delivered to the contractor and the number of acre-feet wasted.

### (b) Revenue From Aqueduct Power Recovery Plants

There shall be credited against the amount of the variable component to be paid by each contractor, as determined pursuant to subdivision (a) of this article, a portion of the projected net value of any power recovered during the respective year at project aqueduct power recovery plants located upstream on the particular aqueduct from the delivery structures for delivery of project water to the contractor. Such portion shall be in an amount which bears the same proportion to said projected net value that the number of acre-feet of project water delivered to the contractor through said plants during the year bears to the number of acre-feet of project water delivered to all contractors through said plants during the year.

### (c) Payment Table

The amount to be paid each year by the Agency under the variable operation, maintenance, power, and

replacement component of the Transportation Charge shall be determined in accordance with subdivision (a) of this article for the respective aqueduct reaches in Table B of this contract. Such amounts and any interest thereon shall be set forth by the State in Table F of this contract as soon as designs and cost estimates are prepared by it subsequent to receipt of requests from the Agency as to the maximum monthly delivery capability to be provided in each aqueduct reach for transport and delivery of project water to the Agency, pursuant to Article 17(a): *Provided*, That the amounts set forth in Table F shall be subject to redetermination by the State in accordance with Article 28.

## **27. TRANSPORTATION CHARGE—PAYMENT SCHEDULE**

The amounts to be paid by the Agency for each year of the project repayment period under the capital cost and minimum operation, maintenance, power, and replacement components of the Transportation Charge, and under the variable operation, maintenance, power, and replacement component of said charge on the basis of then estimated deliveries, shall be set forth by the State in Table G of this contract as soon as designs and cost estimates have been prepared by it subsequent to receipt of requests from the Agency as to the maximum monthly delivery capability to be provided in each aqueduct reach for transport and delivery of project water to the Agency, pursuant to Article 17(a). Table G of this contract shall constitute a summation of Tables D, E, and F of this contract: *Provided*, That each of the amounts set forth in Table G shall be subject to redetermination by the State in accordance with Article 28: *Provided further*, That the principles and procedures set forth in Articles 24, 25, and 26 shall be controlling as to such amounts. Such amounts shall be paid by the Agency in accordance with the provisions of Article 29.

## **28. TRANSPORTATION CHARGE—REDETERMINATION**

The State shall redetermine the values and amounts set forth in Tables B, C, D, E, F and G of this contract in the year following the year in which the State commences construction of the project transportation facilities and each year thereafter in order that the Transportation Charge to the Agency and the components thereof may accurately reflect increases or decreases from year to year in projected costs, outstanding reimbursable indebtedness of the State incurred to construct the project transportation facilities described in Table I of this contract annual entitlements, estimated deliveries, project interest rate, and all other factors which are determinative of such charges. In addition, each such redetermination shall include an adjustment of the components of the Transportation Charge to be paid by the Agency for suc-

ceeding years which shall account for the differences, if any, between projections of costs used by the State in determining the amounts of said components for all preceding years and actual costs incurred by the State during such years. Upon each such redetermination, appropriately revised copies of Tables B, C, D, E, F and G shall be prepared by the State and attached to this contract as amendments of those tables.

## **29. TIME AND METHOD OF PAYMENT**

### **(a) Initial Payment—Delta Water Charge**

Payments by the Agency under the Delta Water Charge shall commence in the year of initial water delivery to the Agency.

### **(b) Initial Payment—Transportation Charge: Capital Component**

Payments by the Agency under the capital cost component of the Transportation Charge shall commence in the year following the year in which the State commences construction of the project transportation facilities. If such construction has already commenced when this contract is executed, such payments shall begin in the year following the year of execution.

### **(c) Initial Payment—Transportation Charge: Minimum Component**

Payments by the Agency under the minimum operation, maintenance, power, and replacement component of the Transportation Charge shall commence for each aqueduct reach in the year following the year in which construction of that reach is completed.

### **(d) Initial Payment—Transportation Charge: Variable Component**

Payments by the Agency under the variable operation, maintenance, power, and replacement component of the Transportation Charge shall commence in the year of initial water delivery to the Agency.

### **(e) Statement of Charges**

The State shall, on or before July 1 of each year, commencing with the year preceding the year in which payment of the respective charge is to commence pursuant to this article, furnish the Agency with a written statement of: (1) the charges to the Agency for the next succeeding year under the capital cost and minimum operation, maintenance, power, and replacement components of the Delta Water Charge and Transportation Charge; (2) the unit charges to the Agency for the next succeeding year under the variable operation, maintenance, power, and replacement components of said Delta Water Charge and Transportation Charge; and (3) the total charges to the Agency for the preceding year under the variable operation, maintenance, power, and replacement components of said Delta Water Charge and Transportation Charge: *Provided*, That through December 31,

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1969, the Delta Water Charge shall be based upon a unit rate of \$3.50 per acre-foot and shall be paid by the contractors on the basis of their respective annual entitlements to project water, as provided in Article 22(b): *Provided further*, That the first such statement shall be provided by the State as soon after the execution of this contract as is feasible. 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. The State shall, on or before the fifteenth day of each month of each year, commencing with the year of initial water delivery to the Agency, furnish the Agency with a statement of the charges to the Agency for the preceding month under the variable operation, maintenance, power, and replacement components of the Delta Water Charge and Transportation Charge. Such charges shall be determined by the State in accordance with the relevant provisions of Articles 22 and 26 of this contract, upon the basis of metered deliveries of project water to the Agency, except as otherwise provided in those articles.

### (f) *Times of Payment—Capital Components*

The Agency shall pay to the State, on or before January 1 of each year, commencing with the year in which payment of the respective charge is to commence pursuant to this article, one-half ( $\frac{1}{2}$ ) of the charge to the Agency for the year under the capital cost component of the Delta Water Charge and one-half ( $\frac{1}{2}$ ) of the charge to the Agency for the year under the capital cost component of the Transportation Charge, as such charges are stated pursuant to subdivision (e) of this article; and shall pay the remaining one-half ( $\frac{1}{2}$ ) of each of said charges on or before July 1 of that year.

### (g) *Times of Payment—Minimum Components*

The Agency shall pay to the State, on or before the first day of each month of each year, commencing with the year of initial water delivery to the Agency, one-twelfth ( $\frac{1}{12}$ ) of the sum of the charges to the Agency for the year under the minimum operation, maintenance, power, and replacement components of the Delta Water Charge and Transportation Charge, respectively, as such charges are stated pursuant to subdivision (e) of this article.

### (h) *Times of Payment—Variable Components*

The Agency shall pay to the State on or before the fifteenth day of each month of each year, commencing with the year of initial water delivery to the Agency, the charges to the Agency under the variable

operation, maintenance, power, and replacement components of the Delta Water Charge and Transportation Charge, respectively, for which a statement was received by the Agency during the preceding month pursuant to subdivision (e) of this article, as such charges are stated in such statement.

### (i) *Contest of Accuracy of Charges*

In the event that the Agency contests the accuracy of any statement submitted to it pursuant to subdivision (e) of this article, it shall give the State notice thereof at least ten (10) days prior to the day upon which payment of the stated amounts is due. To the extent that the State finds the Agency's contentions regarding the statement to be correct, it shall revise the statement accordingly, and the Agency shall make payment of the revised amounts on or before the due date. To the extent that the State does not find the Agency's contentions to be correct, or where time is not available for a review of such contentions prior to the due date, the Agency shall make payment of the stated amounts on or before the due date, but may make the contested part of such payment under protest and seek to recover the amount thereof from the State.

## 30. SURCHARGE FOR PROJECT WATER USED ON EXCESS LAND

### (a) *Definitions: "Surcharge"; "Excess Land"*

As used herein the term "surcharge" shall mean an amount equivalent to the power credit per acre-foot of water, as such credit is determined under and established by subdivision (b) of this article, to be charged to water users other than the United States or the State of California, as hereinafter provided and to the extent permitted by law, for each acre-foot of project water put to agricultural or manufacturing use on excess land. As used herein the term "excess land" shall mean that part of any land held in single beneficial ownership within a contractor's boundaries, or, where project water is delivered to water users by a retail agency as hereinafter defined, that part of any such land within the service area of such retail agency, which is in excess of 160 acres; or in the case of joint ownership by husband and wife that part of any such land which is in excess of 320 acres.

### (b) *Definition: "Power Credit"*

As used herein, the term "power credit" shall mean the net value accruing to the State from revenues derived from the sale or other disposal of electrical energy generated in connection with operation of initial project conservation facilities after deducting from said revenues the amount necessary to repay the investment properly chargeable to energy generation and for operation, maintenance, and replacement of the electrical generation facilities. The power credit

per acre-foot of water shall be computed in accordance with the following formula:

$$\frac{c_1(1+i)^{-1} + c_2(1+i)^{-2} + \dots + c_n(1+i)^{-n}}{e_1(1+i)^{-1} + e_2(1+i)^{-2} + \dots + e_n(1+i)^{-n}}$$

Where:

- $i$  = The project interest rate.
- $c$  = The projected annual power credit accrued during the respective year of the project repayment period.
- 1, 2, and  $n$  appearing below  $c$  = The respective year of the project repayment period during which the power credit is accrued,  $n$  being the last year of the project repayment period.
- $e$  = The total of annual entitlements to project water of all contractors for the respective year of the project repayment period.
- 1, 2, and  $n$  appearing below  $e$  = The respective year of the project repayment period in which the annual entitlements occur,  $n$  being the last year of the project repayment period.
- $n$  used as exponent = The number of years in the project repayment period.

The power credit per acre-foot of water is hereby established as \$2 until all of the facilities for generation of electrical energy in connection with operation of initial project conservation facilities are installed and in operation. The State shall redetermine the power credit per acre-foot of water each year thereafter in order that it may accurately reflect increases or decreases from year to year in the power credit as defined herein. Each such redetermination shall be in accordance with the method of computation set forth in this subdivision, and upon each such redetermination, a document showing the revised amount of the power credit per acre-foot of water shall be attached to this contract as an amendment of this subdivision.

**(c) Definition: "Retail Agency"**

As used herein the term "retail agency" shall mean any agency which delivers directly to the users thereof, project water made available by, through, or under a contractor.

**(d) Payment of Surcharge**

Each contractor, to the extent that it delivers project water directly to the users thereof, shall require on behalf of the State that each such user on or before June 1 of each year, commencing with the year following the year of initial water delivery: (1) certify in writing to the contractor on forms prescribed and furnished by the State the description of the excess land owned by such user upon which project water is put to agricultural or manufacturing use, and the amount of project water put to agricultural or manu-

facturing use on such land during the preceding year; and (2) pay to the contractor for the account of the State a surcharge for the amount of water so certified. Each contractor, to the extent that it delivers project water to a retail agency or to another agency by, through, or under which such water is delivered to a retail agency, shall require on behalf of the State that each water user served by such retail agency be required to, on or before May 1 of each year, commencing with the year following the year of initial water delivery: (1) certify in writing to the retail agency on forms prescribed and furnished by the State the description of the excess land owned by such user upon which project water is put to agricultural or manufacturing use and the amount of project water put to agricultural or manufacturing use on such land during the preceding year; and (2) pay to the retail agency for the account of the State a surcharge for the amount of project water so certified. Each contractor and retail agency shall be entitled to rely upon the certifications furnished them by water users pursuant to this subdivision, unless notified by the State as to the inaccuracy of any such certification. Payments made to the contractor pursuant to this subdivision, together with the certifications supporting such payments, shall be forwarded to the State on or before July 1 of the year in which they are received. Payments made to a retail agency pursuant to this subdivision, together with the certifications supporting such payments, shall on behalf of the State be required to be forwarded to the contractor, which shall in turn forward them to the State on or before July 1 of the year in which they are received; except that where project water has been delivered to the retail agency by, through, or under an agency or agencies other than the contractor, such payments and certifications shall on behalf of the State be required to be forwarded by the retail agency to the agency from which it received project water and by that agency, et seq., to the contractor, which shall forward them to the State on or before July 1 of the year in which they are received.

**(e) Commingling of Project and Nonproject Water**

In the event that a contractor, retail agency, or water user commingles project water with water from another source in a common distribution system, the contractor shall, in complying with the provisions of this article, adhere to the following rules, and, where project water is delivered by it to a retail agency or to another agency by, through or under which project water is delivered to a retail agency, as contemplated in subdivision (d) of this article, shall require on behalf of the State that such retail agency adhere or be required to adhere to the same rules.

- (1) If the amount of nonproject water applied in any year within the area served with project

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water by the contractor or retail agency is equal to or greater than the amount of water put to agricultural or manufacturing use on all excess land within that area during such year, it shall be presumed that the water put to agricultural or manufacturing use on such excess land is nonproject water, and there shall be no surcharge to water users in that area.

- (2) If the amount of nonproject water applied in any year within the area served with project water by the contractor or retail agency is less than the amount of water put to agricultural or manufacturing use on all excess land within that area during such year, it shall be presumed, for the purpose of determining the payments to be made under the surcharge by water users in that area, that the amount of project water put to agricultural or manufacturing use on excess land of a particular ownership within that area during such year bears the same proportion to the total amount of water so used on that excess land during such year as the total amount of project water applied within that area during such year bears to the total amount of water applied within that area during such year.
- (3) Project water which reaches the underground prior to delivery to or pumping by a water user shall not be subject to a surcharge under this article.

### **(f) Failure of Retail Agency to Perform Obligations**

Subject to subdivision (g) of this article, a contractor shall not be liable for the failure of any retail agency or other agency to perform the obligations imposed upon it in accordance with subdivision (d) of this article.

### **(g) State May Enforce Surcharge**

In the event that any retail agency or other agency by, through or under which project water is delivered to a retail agency, fails to perform the obligations imposed upon it in accordance with subdivision (d) of this article, the State may take such action in a court of competent jurisdiction, in the name of the contractor and/or agency or agencies by, through or under which project water is delivered to such retail agency, as it deems necessary to compel the performance of such obligations, and in such action the State shall be subrogated to the rights of such contractor and/or such other agency or agencies against such retail agency or other agency. In the event that any certification furnished by a water user in accordance with subdivision (d) of this article is found by the State to inaccurately represent facts of water use or land ownership, with the result that such user is avoiding payment under the surcharge provided for herein,

the State may take such action in a court of competent jurisdiction, in the name of the contractor and/or the retail agency and/or any other agency or agencies by, through, or under which project water is delivered to such water user, as it deems necessary to collect full payment under the surcharge from such water user and to compel the performance of all obligations imposed upon such water user in accordance with said subdivision (d), and in such action the State shall be subrogated to the rights of such contractor and/or such retail agency and/or such other agency or agencies against such water user. Where project water is delivered by a contractor to a retail agency or to another agency by, through, or under which project water is delivered to a retail agency, as contemplated in subdivision (d) of this article, the contractor shall require on behalf of the State that such retail agency or other agency and all agencies by, through, or under which project water is delivered to a retail agency permit or be required to permit the State to bring the foregoing actions in their respective names and be subrogated to their respective rights as set forth above.

### **(h) State to Defend and Indemnify Against Claims**

Should the application of any of the provisions of this article in the manner provided for herein result in claims of any nature against a contractor, retail agency, or other agency by, through, or under which project water is delivered to a retail agency, the State shall defend the contractor, retail agency, or other agency against such claims, and shall indemnify them for any liability with respect thereto arising from activities required by the State under this article.

### **(i) Separability**

This article shall be separable from all other provisions in this contract, and in the event that any or all of the provisions of this article are in any manner or to any extent held to be invalid by final judgment or decree of a court of competent jurisdiction, such holding and such invalidity shall in no way affect the validity of, or make invalid, any other provision of this contract.

## **31. ADJUSTMENT FOR OVERPAYMENT OR UNDERPAYMENT**

If in any year, by reason of errors in computation or other causes, there is an overpayment or underpayment to the State by the Agency of the charges provided for herein, which overpayment or underpayment is not accounted for and corrected in the annual redetermination of said charges, the amount of such overpayment or underpayment shall be credited or debited, as the case may be, to the Agency's account for the next succeeding year and the State shall notify the Agency thereof in writing.

**32. DELINQUENCY IN PAYMENT****(a) Agency to Provide for Punctual Payment**

The governing body of the Agency shall provide for the punctual payment to the State of payments which become due under this contract.

**(b) Interest on Overdue Payments**

Upon every amount of money required to be paid by the Agency to the State pursuant to this contract which remains unpaid after it becomes due and payable, interest shall accrue at the rate of one-half ( $\frac{1}{2}$ ) of one (1) percent per month of the amount of such delinquent payment from and after the due date until it is paid, and the Agency hereby agrees to pay such interest: *Provided*, that no interest shall be charged to or be paid by the Agency unless such delinquency continues for more than thirty (30) days.

**33. OBLIGATION OF AGENCY TO MAKE PAYMENTS****(a) Refusal of Water Does Not Affect Obligation**

The Agency's failure or refusal to accept delivery of project water to which it is entitled under Article 6(b) shall in no way relieve the Agency of its obligation to make payments to the State as provided for in this contract. The State, however, shall make reasonable efforts to dispose of any water made available to but not required by the Agency and any net revenues from such disposal shall be credited pursuant to Article 21.

**(b) Character of Obligation**

The Agency as a whole is obligated to pay to the State the payments becoming due under this contract, notwithstanding any individual default by its constituents or others in the payment to the Agency of assessments, tolls, or other charges levied by the Agency.

**34. OBLIGATION OF AGENCY TO LEVY TAXES AND ASSESSMENTS****(a) When Obligated**

If in any year the Agency fails or is unable to raise sufficient funds by other means, the governing body of the Agency shall levy upon all property in the Agency not exempt from taxation, a tax or assessment sufficient to provide for all payments under this contract then due or to become due within that year.

**(b) Enforcement by Officers of Agency**

Taxes or assessments levied by the governing body of the Agency pursuant to subdivision (a) of this article shall be enforced and collected by all officers of the Agency charged with the duty of enforcing and collecting taxes or assessments levied by the Agency.

**(c) Deposit in Separate Fund**

All money collected for taxes or assessments under this article shall be kept in a separate fund by the treasurer or other officer of the Agency charged with the safekeeping and disbursement of funds of the Agency, and, upon the written demand of the State, the treasurer or other officer shall pay over to the State all such money in his possession or control then due the State under this contract, which money shall be applied by the State to the satisfaction of the amount due under this contract.

**(d) Enforcement of Levy**

In the event of failure, neglect, or refusal of any officer of the Agency to levy any tax or assessment necessary to provide payment by the Agency under this contract, to enforce or to collect the tax or assessment, or to pay over to the State any money then due the State collected on the tax or assessment, the State may take such action in a court of competent jurisdiction as it deems necessary to compel the performance in their proper sequence of all such duties. Action taken pursuant hereto shall not deprive the State of or limit any remedy provided by this contract or by law for the recovery of money due or which may become due under this contract.

**D. GENERAL PROVISIONS****35. REMEDIES NOT EXCLUSIVE**

The use by either party of any remedy specified herein for the enforcement of this contract is not exclusive and shall not deprive the party using such remedy of, or limit the application of, any other remedy provided by law.

**36. AMENDMENTS**

This contract may be amended at any time by mutual agreement of the parties, except insofar as any proposed amendments are in any way contrary to applicable law. The State shall promptly furnish the Agency with copies of all contracts now or hereafter executed by the State for a dependable supply of project water, and of any amendments thereof.

**37. AGENCY NOT ESTOPPED TO CHALLENGE STATE LAWS**

Nothing herein contained shall be construed as estopping or otherwise preventing the Agency or any person, firm, association, corporation, or public body or agency claiming by, through, or under the Agency from contesting by litigation or other lawful means the validity, constitutionality, construction or application of any law of this State, including laws referred to in the Bond Act, or as preventing or prejudicing the amendment or repeal of any such law, and each contract executed by the State for a dependable supply of

## **Art. 38**

project water shall contain a similar reservation with respect to State laws.

### **38. OPINIONS AND DETERMINATIONS**

Where the terms of this contract provide for action to be based upon the opinion, judgment, approval, review, or determination of either party hereto, such terms are not intended to be and shall never be construed as permitting such opinion, judgment, approval, review, or determination to be arbitrary, capricious, or unreasonable.

### **39. CONTRACTING OFFICER OF THE STATE**

The contracting officer of the State shall be the Director of Water Resources of the State of California and his successors, or their duly authorized representatives. The contracting officer shall be responsible for all discretionary acts, opinions, judgments, approvals, reviews, and determinations required of the State under the terms of this contract.

### **40. SUCCESSORS AND ASSIGNS OBLIGATED**

This contract and all of its provisions shall apply to and bind the successors and assigns of the parties hereto.

### **41. ASSIGNMENT**

No assignment or transfer of this contract or any part hereof, rights hereunder, or interest herein by the Agency shall be valid unless and until it is approved by the State and made subject to such reasonable terms and conditions as the State may impose.

### **42. WAIVER OF RIGHTS**

Any waiver at any time by either party hereto of its rights with respect to a default or any other matter arising in connection with this contract, shall not be deemed to be a waiver with respect to any other default or matter.

### **43. NOTICES**

All notices that are required either expressly or by implication to be given by one party to the other under this contract shall be signed for the State by its contracting officer, and for the Agency by such officer as it may, from time to time, authorize in writing to so act. All such notices shall be deemed to have been given if delivered personally or if enclosed in a properly addressed envelope and deposited in a United States Post Office for delivery by registered or certified mail. Unless and until formally notified otherwise, all notices shall be addressed to the parties at their addresses as shown on the signature page of this contract.

### **44. MAINTENANCE AND INSPECTION OF BOOKS, RECORDS, AND REPORTS**

During regular office hours, each of the parties hereto and their duly authorized representatives shall have the right to inspect and make copies of any books, records, or reports of the other party pertaining to this contract or matters related hereto. Each of the parties hereto shall maintain and make available for such inspection accurate records of all of its costs, disbursements and receipts with respect to its activities under this contract and the Bond Act.

## **E. SPECIAL PROVISIONS AND TABLES**

### **45. SPECIAL PROVISIONS**

(a) On or before June 30, 1963, the Agency shall furnish to the State its written request specifying whether the agency shall receive water in the year of initial water delivery from the East Branch Aqueduct or from the West Branch Aqueduct as defined in Table H of this contract, and specifying the year in which the first delivery of project water from the other Branch Aqueduct shall be made to the Agency. The timing of first deliveries of project water from each of said Branch Aqueducts shall be as so requested by the Agency, *Provided*, That in the event said request is, in the judgment of the State, incompatible with similar requests received from other contractors to be served from or through said Branch Aqueducts, which contractors have executed contracts with the State on or before June 30, 1963, the timing of first deliveries of project water to the Agency and such other contractors from said Branch Aqueducts shall be as established by mutual agreement among the State, the Agency, and said contractors, *Provided further*, That if such agreement has not been reached on or before December 31, 1963, the State may then construct said Branch Aqueducts in accordance with such construction schedules as, in the judgment of the State, will best serve the interests of all those contractors whose service areas are located south of the South Portal of the Tehachapi Tunnel and which have executed contracts with the State on or before June 30, 1963, *Provided further*, That the Agency is not precluded from requesting, pursuant to Article 10 of this contract, water through delivery structures located in aqueduct reaches upstream from the junction of the East and West Branch Aqueducts.

(b) The State shall provide sufficient capacity in the transportation facilities, subject to the provisions of Article 17(b), to deliver 11% of the Agency's annual entitlement in each of four months in each year. Subject to the foregoing limitation, in scheduling deliveries under Article 12(a) the State will provide for up to 1/9th of the Agency's annual entitlement to be delivered in excess of a rate of 8-1/3% per month. In no month shall the Agency be scheduled to receive less than 4% of the Agency's annual entitlement, and the aqueduct reaches downstream from the Agency's delivery structures will be designed and constructed accordingly.

(c) The annexations to the Agency, authorized by Resolution No. 62-64 of the Board of Directors dated August 28, 1962, are deemed to be approved by the department within the meaning of Article 15(b), and are generally described as follows:

1. The Tejon-Kinsey annexation, comprising approximately 200 square miles at the western boundary of the Agency
2. The Agua-Dulce annexation, comprising approximately 40 square miles at the southwestern boundary of the Agency
3. The East Antelope Valley annexation, comprising approximately 100 square miles at the southeastern boundary of the Agency
4. The Hoffman No. 2 annexation, comprising approximately 16 square miles at the north-eastern boundary of the Agency.

**TABLE A**  
**ANNUAL ENTITLEMENTS**  
**ANTELOPE VALLEY-EAST KERN WATER AGENCY**

<b>Year</b>	<b>Total Annual Amount in Acre-Feet</b>
1	20,000
2	25,000
3	30,000
4	35,000
5	40,000
6	45,000
7	50,000
8	55,000
9	60,000
10	65,000
11	70,500
12	76,000
13	81,500
14	87,000
15	92,500
16	98,000
17	103,500
18	109,000
19	114,500
20	120,000

and each succeeding year  
thereafter, for the term of  
this contract as a Maximum  
Annual Entitlement:

120,000 Acre-feet

**TABLE B**  
**ALLOCATED PROPORTION OF COSTS OF PROJECT TRANSPORTATION FACILITIES**  
**ANTELOPE VALLEY-EAST KERN WATER AGENCY**

Aqueeduct reach	Total for project transportation facilities				District participation				
	Total of maximum annual entitlements of all contractors thousands of <sup>1</sup> acre-feet per year	Total of maximum capacities in cubic-feet <sup>1</sup> per second <sup>4</sup>	Total capital cost, thousands of dollars	Minimum annual operating cost, thousands of dollars <sup>2</sup>	Maximum annual entitlement, thousands of acre-feet per year <sup>1</sup>	Ratio of maximum annual entitlement, to total of maximum annual entitlements	Maximum capacity in cubic-feet per second <sup>1</sup>	Ratio of maximum capacity to total capacity	Average of ratios

**CALIFORNIA AQUEDUCT**

Delta to Discharge Delta Pumping Plant<sup>3</sup>

Discharge Delta Pumping Plant to San Luis Forebay:

San Luis Forebay to Outlet San Luis Reservoir:

Outlet San Luis Reservoir to Arenal Gap:

Arenal Gap to Buena Vista Pumping Plant III:

Buena Vista Pumping Plant to Wheeler Ridge Pumping Plants I and II:

Wheeler Ridge Pumping Plants I and II to Tehachapi Pumping Plant:

Tehachapi Pumping Plant to South Portal Tehachapi Tunnels:

South Portal Tehachapi Tunnels to Junction, East and West Branches:

**WEST BRANCH**

Junction, East and West Branches to turnout near Lake Hughes:

**EAST BRANCH:**

Junction, East and West Branches to Little Rock Creek:

Little Rock Creek to West Fork Mojave River:

Cedar Springs Reservoir:

<sup>1</sup> As increased by an allowance to compensate for losses as provided in Article 24(b) (2).

<sup>2</sup> Based on values as of the end of the construction period.

<sup>3</sup> Costs allocated to water transportation.

<sup>4</sup> State's capacity only.

**TABLE C**  
**PROJECTED ALLOCATIONS OF CAPITAL**  
**COST OF PROJECT TRANSPORTATION FACILITIES TO**  
**ANTELOPE VALLEY-EAST KERN WATER AGENCY**

<b>Year</b>	<b>Projected Allocation in Thousands of Dollars</b>
1*	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
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\* Year in which State commenced construction of project transportation facilities, 1939.

**TABLE D**  
**TRANSPORTATION CHARGE - CAPITAL COST COMPONENT**  
**ANTELOPE VALLEY-EAST KERN WATER AGENCY**  
(In thousands of dollars)

Year	Annual Payment of Principal	Annual Interest Payment	Total Annual Payment by District
1*			
2			
3			
4			
5**			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
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**TABLE D (Continued)**  
**TRANSPORTATION CHARGE - CAPITAL COST COMPONENT**  
**ANTELOPE VALLEY-EAST KERN WATER AGENCY**  
(In thousands of dollars)

<b>Year</b>	<b>Annual Payment of Principal</b>	<b>Annual Interest Payment</b>	<b>Total Annual Payment by District</b>
46			
47			
48			
49			
50			
51			
52			
53			
54			
55			
56			
57			
58			
59			
60			
61			
62			
63			
64			
65			
66			
67			
68			
69			
70			
71			
72			
73			
74			
75			
76			
77			
78			
79			
80			
<b>TOTAL</b>			

\* Year in which the State commenced construction of the project transportation facilities, 1959.  
\*\* Year of first payment.

**TABLE E**

**TRANSPORTATION CHARGE - MINIMUM OPERATION  
MAINTENANCE, POWER, AND REPLACEMENT COMPONENT  
ANTELOPE VALLEY-EAST KERN WATER AGENCY**

<b>Year</b>	<b>Total Annual Payment by District* (in thousands of dollars)</b>
1**	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
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31	

and each succeeding year  
thereafter, for the term of  
this contract.

\* Payment shall start with respect to each aqueduct reach in the year following the year in which the State completes construction of the respective reach.

\*\* Year in which the State commenced construction of the project transportation facilities, 1959.

**TABLE F**  
**TRANSPORTATION CHARGE - ESTIMATED VARIABLE OPERATION,  
 MAINTENANCE, POWER, AND REPLACEMENT COMPONENT  
 ANTELOPE VALLEY-EAST KERN WATER AGENCY**

<b>Year</b>	<b>Total Annual Payment by District* (In thousands of dollars)</b>
1**	
2	
3	
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6	
7	
8	
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10	
11	
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and each succeeding year  
 thereafter, for the term of  
 this contract.

\* Payments start with year of initial water delivery.

\*\* Year in which State commenced construction of project transportation facilities, 1959.

**TABLE G**  
**PAYMENT SCHEDULE**  
**ANTELOPE VALLEY-EAST KERN WATER AGENCY**  
(In thousands of dollars)

Year	Transportation Charge			
	Capital Cost Component	Minimum Component	Variable Component	Total
1*				
2				
3				
4				
5**				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
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**TABLE G (Continued)**  
**PAYMENT SCHEDULE**  
**ANTELOPE VALLEY-EAST KERN WATER AGENCY**  
(in thousands of dollars)

Year	Transportation Charge			
	Capital Cost Component	Minimum Component	Variable Component	Total
46				
47				
48				
49				
50				
51				
52				
53				
54				
55				
56				
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59				
60				
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78				
79				
80				

\* Year in which State commenced construction of project transportation facilities, 1959.

\*\* Year of first payment.

**TABLE N**  
**PROJECT TRANSPORTATION FACILITIES**  
**ANTELOPE VALLEY-EAST KERN WATER AGENCY**

A San Joaquin Valley-Southern California Aqueduct extending to a point near Lake Hughes on the West Branch Aqueduct defined below, and extending to Cedar Springs Reservoir on the East Branch Aqueduct defined below, to the extent such aqueduct is determined by the State to be required for water transportation.

(1) "East Branch Aqueduct" shall mean that portion of the San Joaquin Valley-Southern California Aqueduct specified in Section 12934(d)(2) of the Water Code extending from the junction of East and West Branches to a terminus in the vicinity of Perris, Riverside County.

(2) "West Branch Aqueduct" shall mean that portion of the San Joaquin Valley-Southern California Aqueduct specified in Section 12934(d)(2) of the Water Code extending from the junction of East and West Branches to a terminus in the vicinity of Newhall, Los Angeles County.

**TABLE I**  
**AQUEDUCT REACHES**  
**ANTELOPE VALLEY—EAST KERN WATER AGENCY**

<b>Aqueduct Reach</b>	<b>Major Features of Reach</b>
Delta to Discharge Delta Pumping Plant:	Intake Canal Fish Protective Facilities Delta Pumping Plant (Pumping Plant I)
Discharge, Delta Pumping Plant to San Luis Forebay:	Aqueduct
San Luis Forebay to Outlet San Luis Reservoir:	San Luis Forebay and Dam San Luis Pumping—Generating Plant San Luis Reservoir and Dam
Outlet San Luis Reservoir to Avenal Gap:	Aqueduct Mile 18 Pumping Plant
Avenal Gap to Buena Vista Pumping Plant III:	Aqueduct
Buena Vista Pumping Plant to Wheeler Ridge Pumping Plants I and II:	Buena Vista Pumping Plant Aqueduct
Wheeler Ridge Pumping Plants I and II to Tehachapi Pumping Plant:	Wheeler Ridge Pumping Plant I Wheeler Ridge Pumping Plant II
Tehachapi Pumping Plant to South Portal Tehachapi Tunnels:	Tehachapi Pumping Plant (Pumping Plant VI) Tehachapi Tunnels
South Portal Tehachapi Tunnels to Junction, East and West Branches	Aqueduct Cottonwood Power Plant Aqueduct
<b>WEST BRANCH</b>	
Junction, East and West Branches to a turnout near Lake Hughes:	Aqueduct
<b>EAST BRANCH</b>	
Junction, East and West Branches to Little Rock Creek:	Aqueduct
Little Rock Creek to West Fork Mojave River:	Pearblossom Pumping Plant Aqueduct
Cedar Springs Reservoir	Cedar Springs Dam Cedar Springs Reservoir

IN WITNESS WHEREOF, the parties hereto have executed this contract on the date first  
above written.

Approved as to legal form and sufficiency:

B. A. Goldberg  
Chief Deputy Director  
Department of Water Resources  
P. O. Box 388  
Sacramento, California

STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES

By W. E. Warr  
Director

Attest:

John Casteen  
Secretary (DEPUTY)

ANTELOPE VALLEY-EAST KERN WATER  
AGENCY

By Ray A. Knapp  
President

Approved as to form:

Sam Allbaugh  
Counsel  
Antelope Valley-East Kern Water Agency  
P. O. Box 905  
Lancaster, California

By Samuel S. Linn  
General Manager and Chief Engineer

Richard S. Brown  
Governor

STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES

AMENDMENT NO. 1 TO WATER SUPPLY  
CONTRACT BETWEEN THE STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES AND  
ANTELOPE VALLEY-EAST KERN WATER AGENCY

THIS CONTRACT, made this 22nd day of September 1964, pursuant to the provisions of the California Water Resources Development Bond Act, the State Central Valley Project Act, and other applicable laws of the State of California, between the State of California, acting by and through its Department of Water Resources, herein referred to as the "State," and Antelope Valley-East Kern Water Agency, a public agency in the State of California, duly organized, existing, and acting pursuant to the laws thereof with its principal place of business in Lancaster, California, herein referred to as the "Agency,"

WITNESSETH, That:

WHEREAS, the State is authorized to construct and operate facilities for the storage and conveyance of water, certain of which facilities will make water available to the Agency; and

WHEREAS, the State and the Agency have entered into a water supply contract, dated September 20, 1962, providing that the State shall supply certain quantities of water to the Agency, and providing that the Agency shall make certain payments to the State, and setting forth the terms and conditions of such supply and such payment; and

WHEREAS, the maximum annual entitlements under all contracts executed by the State on or before December 31, 1963, did not aggregate the amount of the minimum project yield as defined in such water supply contract; and

WHEREAS, the Agency has elected to become entitled to a certain amount of the uncontracted for portion of the minimum project yield under the provisions of Article 8 of the above-mentioned contract and the State has determined that the Agency can put the water involved to beneficial use within a reasonable period of time; and

WHEREAS, the State and the Agency are desirous of making certain other changes and additions to such contract, while otherwise continuing the contract in full force and effect;

NOW THEREFORE, it is mutually agreed that the following changes and additions are hereby made to the Agency's water supply contract with the State:

1. Subdivision (k) of Article 1 is amended to read as follows:

(k) Minimum Project Yield

"Minimum project yield" shall mean the dependable annual supply of project water to be made available, estimated to be 4,230,000 acre-feet per year, said amount to be determined by the State on the basis of coordinated operation studies of initial project conservation facilities and additional project conservation facilities, which studies shall be based upon:

(1) The estimated relative proportion of deliveries

for agricultural use to deliveries for municipal use for the year 1990, and the characteristic distributions of demands for these two uses throughout the year.

(2) An allowable reduction in the agricultural use portion of the minimum project yield, due to drought, of not to exceed fifty percent (50%) in any one year, nor a total of one hundred percent (100%) of one year's supply in any series of seven consecutive years.

(3) Agreements now in effect or as hereafter amended or supplemented between the State and the United States and others regarding the diversion or utilization of waters of the Delta or streams tributary thereto.

2. Table A of the contract entitled "Annual Entitlements Antelope Valley-East Kern Water Agency" is amended to read as follows:

TABLE A

ANNUAL ENTITLEMENTS  
ANTELOPE VALLEY-EAST KERN WATER AGENCY

<u>Year</u>	<u>Total Annual Amount in Acre-feet</u>
1	20,000
2	25,000
3	30,000
4	35,000
5	44,000
6	50,000
7	57,000
8	63,000
9	69,200
10	75,000
11	81,300
12	87,700
13	94,000
14	100,400
15	106,700
16	113,000
17	119,400
18	125,700
19	132,100
20	138,400

And each succeeding year  
thereafter, for the term  
of this contract:

138,400

3. Subdivision (c) of Article 12 is amended to read as follows:

(c) Limit on Rate of Delivery to Agency

In no event shall the State be obligated to deliver water to the Agency through all delivery structures at a total combined instantaneous rate of flow exceeding two hundred fifty three (253) cubic feet per second, except as this rate of flow may be revised by amendment of this article after submission to the State of the Agency's requests with respect to maximum flow

capacities to be provided in said delivery structures, pursuant to Article 10.

4. Subdivision (a) of Article 16 is amended to read as follows:

(a) Limit on Total of All Maximum Annual Entitlements

The Agency's maximum annual entitlement hereunder, together with the maximum annual entitlements of all other contractors, shall aggregate no more than the minimum project yield as defined herein and in no event more than 4,230,000 acre-feet of project water.

5. Article 46 is added to the contract to read as follows:

46. Amendatory Provisions

(a) Surplus Water

Notwithstanding other provisions of this contract, surplus water for agricultural and ground water replenishment use shall be offered to contractors on the following basis. Before surplus water is sold for other than agricultural and ground water replenishment use, each contractor shall have the right, subject to the ability of the State to deliver such water and to the provisions of the next succeeding paragraph, to contract for agricultural and ground water replenishment use for a portion of the total amount of surplus water available in any year, in an amount which bears the same ratio to the total amount of surplus water available in that year as the sum of the annual entitlements, set forth in Table A of this contract, delivered to the contractor for agricultural and ground water replenishment use during the preceding three years bears to the total amount of such annual

entitlements delivered for agricultural and ground water replenishment use during the preceding three years of all contractors requesting surplus water: Provided, That if its proportion of such surplus water is not required by or cannot be delivered to any contractor, such amount of additional surplus water shall be offered to other contractors for agricultural and ground water replenishment use. During the first three years in which project water is delivered to a contractor, the State shall determine the amount of surplus water which the contractor may obtain based on the contractor's maximum annual entitlement and the estimated percentage of its annual entitlement to be delivered for agricultural and ground water replenishment use; but quantities so determined shall not exceed the contractor's annual entitlement for that year. For the purpose of computing the portion of the surplus water for agricultural and ground water replenishment use to which each contractor is entitled, the State shall determine the amounts of water used for agricultural and ground water replenishment use by each contractor in each year: Provided, That each contractor shall furnish certified copies of such records and data concerning the use of water within its boundaries as the State may request.

The provisions of this paragraph shall be applicable only to contractors in the San Joaquin Valley Service Area, contractors in the Southern California Service Area, and contractors in the Central Coastal Service Area. Before surplus water is sold for other than agricultural and ground water replenishment use, each such contractor shall have the right, subject to the ability of the State to deliver such water, to contract for agricultural

and ground water replenishment use in accordance with the following formula: contractors in the San Joaquin Valley Service Area shall have a right to contract for sixty-nine percent (69%) of the surplus water available at the Mile 18 Pumping Plant; contractors in the Southern California Service Area shall have a right to contract for twenty-nine percent (29%) of such water; and contractors in the Central Coastal Service Area shall have a right to contract for two percent (2%) of such water: Provided, That within each of these service areas, each contractor shall have the right to contract for agricultural and ground water replenishment use for a portion of the total amount of surplus water available to that service area in any year, in an amount which bears the same ratio to the total amount of surplus water available to the service area in that year as the sum of the annual entitlements, set forth in Table A of this contract, delivered to the contractor for agricultural and ground water replenishment use during the preceding three years bears to the total amount of such annual entitlements delivered for agricultural and ground water replenishment use during the preceding three years of all contractors in that service area requesting surplus water: Provided, further, That if its proportion of such surplus water is not required by or cannot be delivered to any contractor, such amount of additional surplus water shall be offered to other contractors for agricultural and ground water replenishment use. During the first three years in which project water is delivered to a contractor, the State shall determine the amount of surplus water which the contractor may obtain based on the contractor's maximum annual entitlement and the estimated percentage of its annual entitlement to be delivered for

agricultural and ground water replenishment use; but quantities so determined shall not exceed the contractor's annual entitlement for that year. As used in this paragraph, "contractors in the San Joaquin Service Area" shall mean: Devil's Den Water District, Dudley Ridge Water District, Empire West Side Irrigation District, Hacienda Water District, Kern County Water Agency, and Tulare Lake Basin Water Storage District; "contractors in the Southern California Service Area" shall mean: Antelope Valley-East Kern Water Agency, City of West Covina, Coachella Valley County Water District, Crestline-Lake Arrowhead Water Agency, Desert Water Agency, Littlerock Creek Irrigation District, Mojave Water Agency, Palmdale Irrigation District, San Bernardino Valley Municipal Water District, San Gabriel Valley Municipal Water District, San Geronimo Pass Water Agency, The Metropolitan Water District of Southern California, Upper Santa Clara Valley Water Agency, and Ventura County Flood Control District; "contractors in the Central Coastal Service Area" shall mean: San Luis Obispo County Flood Control and Water Conservation District and Santa Barbara County Flood Control and Water Conservation District.

The provision of this paragraph shall be applicable only to a contractor to which the delivery of project water for municipal use as of 1990 is estimated by the State to be in excess of fifty percent (50%) of such contractor's maximum annual entitlement. For the purpose of fixing such contractor's right to delivery of surplus water, water from a watershed not tributary to the contractor's area which is delivered within the contractor's boundaries

for agricultural or ground water replenishment use shall be deemed to be part of the contractor's annual entitlement delivered for such use in computing the quantity of surplus water to which the contractor is entitled under this subdivision: Provided, That the contractor shall not be deemed to have used more than its annual entitlement, as set forth in Table A, for such use. Surplus water shall be deemed to be used by the contractor for agricultural or ground water replenishment use if an equal quantity of water imported from a watershed not tributary to the contractor's area is delivered within the contractor's boundaries for such use.

In providing for the delivery of surplus water to contractors pursuant to this subdivision, the State shall refuse to deliver such surplus water to any contractor to the extent that the State determines that such delivery would tend to encourage the development of an economy within the area served by such contractor which would be dependent upon the sustained delivery of water in excess of the contractor's maximum annual entitlement. In no event shall the quantity of surplus water made available in any year prior to 1986 to any contractor under this subdivision exceed the difference between its annual entitlement for that year and its maximum annual entitlement, except that, subject to provisions of the immediately preceding sentence, with respect to any contractor which under Table A of its contract is scheduled to receive its maximum annual entitlement prior to 1978, the quantity of surplus water made available in any year prior to 1986 under this subdivision may exceed such difference by not more than 3,000 acre-feet.

Surplus water for agricultural and ground water replenishment use shall be furnished at prices which will return to the State the variable operation, maintenance, power, and replacement components of the Delta Water Charge and Transportation Charge incurred in such service of surplus water as determined by the State. Surplus water delivered under this subdivision shall be limited to the quantity of water which can be delivered without adversely affecting the reliability, or increasing the cost, of service to meet annual entitlements. A surcharge shall be added to the rate for surplus water furnished to excess land in an amount and under the conditions specified in Article 30 of this contract. Contracts made pursuant to this subdivision may exceed one year in duration.

Except as herein modified, the provisions of Article 21 of this contract are hereby confirmed, and all surplus water not specifically allocated pursuant to this subdivision shall be sold under the provisions of Article 21. Nothing in this subdivision shall limit the right of the Agency to increase its annual entitlements as otherwise provided in this contract.

As used in this subdivision "ground water replenishment use" shall mean the use of project water exclusively by direct application to spreading basins, streambeds, or through other means of direct artificial recharge for the purpose of replenishing overdrawn ground water basins.

(b) Surcharge Credit

Notwithstanding other provisions of this contract, the State may allow a credit to each contractor not to exceed the surcharge paid by such contractor.

For the purpose of this contract, the surcharge credit shall be determined and applied in the following manner:

(1) The State shall, in each year after the year of initial water delivery, allow a credit to the Agency in the amount of the surcharge forwarded by the Agency to the State in the preceding year.

(2) The Agency shall not establish water rates, or tax or assessment rates, so as to cause the surcharge credit to be passed on to water users in a manner which will bring about a greater reduction in the cost per acre-foot of project water put to use on excess land than such cost of project water put to use on other than excess land.

This subdivision 46 (b) shall be separable from all other provisions in this contract, and in any event that any or all of the provisions of this subdivision are in any manner or to any extent held to be invalid by final judgment or decree of a court of competent jurisdiction, such holding and such invalidity shall in no way affect the validity of, or make invalid, any other provision of this contract.

IN WITNESS WHEREOF, the parties hereto have executed this contract on the date first above written.

Approved as to legal form  
and sufficiency:

J. C. Towne  
Chief Counsel  
Department of Water Resources

STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES

By W. S. Swan

Approved as to form  
and execution:

[Signature]  
Attorney

ANTELOPE VALLEY-EAST KERN  
WATER AGENCY

By Alfred E. Shelton  
President

Bettie J. Devancon  
Secretary-Treasurer

[Signature]  
Chief Engineer & General Manager

STATE OF CALIFORNIA  
THE RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES

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AMENDMENT NO. 2 TO  
WATER SUPPLY CONTRACT BETWEEN THE  
STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES AND  
ANTELOPE VALLEY-EAST KERN WATER AGENCY

THIS CONTRACT, made this 24th day of August, 1965, pursuant to the provisions of the California Water Resources Development Bond Act, the State Central Valley Project Act, and other applicable laws of the State of California, between the State of California, acting by and through its Department of Water Resources, herein referred to as the "State", and Antelope Valley-East Kern Water Agency, a public agency in the State of California, duly organized, existing, and acting pursuant to the laws thereof with its principal place of business in Lancaster, California, herein referred to as the "Agency",

WITNESSETH, That:

WHEREAS, the State is authorized to construct and operate facilities for the storage and conveyance of water, certain of which facilities will make water available to the Agency; and

WHEREAS, the State and the Agency have entered into a water supply contract, dated September 20, 1962, as amended September 22, 1964, providing that the State shall supply certain quantities of water to the Agency, and providing that the Agency shall make certain payments to the State, and

setting forth the terms and conditions of such supply and such payment; and

WHEREAS, the State and the Agency desire to make certain other changes and additions to such contract, while otherwise continuing the contract in full force and effect;

NOW THEREFORE, it is mutually agreed that the following changes and additions are hereby made to the Agency's water supply contract with the State:

1. Subdivision (c) of Article 12 is amended to read as follows:

(c) Limit on Rate of Delivery to Agency

In no event shall the State be obligated to deliver water to the Agency through all delivery structures at a total combined instantaneous rate of flow exceeding one hundred ninety-two (192) cubic feet per second, except as this rate of flow may be revised by amendment of this article after submission to the State of the Agency's requests with respect to maximum flow capacities to be provided in said delivery structures, pursuant to Article 10.

2. Subdivision (b) of Article 45 is amended to read as follows:

(b) The State shall provide sufficient capacity in the transportation facilities to deliver the Agency's maximum annual entitlement at a continuous flow subject to the provisions of Article 17(b). No capacity shall be provided for peaking.

3. The first column (Aqueduct Reach) of Table B of the contract entitled "Allocated Proportion of Costs of Project Transportation Facilities" is amended to read as follows:

Aqueduct Reach

CALIFORNIA AQUEDUCT

Delta through Bethany Reservoir  
Bethany Reservoir to San Luis Forebay  
San Luis Forebay to Mile 18 Pumping Plant  
Mile 18 Pumping Plant to Panoche Creek  
Panoche Creek to Five Points  
Five Points to Arroyo Pasajero  
Arroyo Pasajero to Kettleman City  
Kettleman City to Avenal Gap  
Avenal Gap to Twisselman Road  
Twisselman Road to near Lost Hills  
Near Lost Hills to Near Seventh Standard Road  
Near Seventh Standard Road to Elk Hills Road  
Elk Hills Road to Tupman  
Tupman to Buena Vista Pumping Plant  
Buena Vista Pumping Plant to Santiago Creek  
Santiago Creek to Old River Road  
Old River Road to Wheeler Ridge Pumping Plant  
Wheeler Ridge Pumping Plant to Wind Gap Pumping Plant  
Wind Gap Pumping Plant to Tehachapi Pumping Plant  
Tehachapi Pumping Plant to South Portal Tehachapi Tunnel No. 3  
South Portal Tehachapi Tunnel No. 3 to Junction, East and West  
Branches

EAST BRANCH DIVISION

Junction, East and West Branches through Cottonwood Powerplant  
Cottonwood Powerplant to Fairmont

WEST BRANCH

Junction, East and West Branches through Oso Pumping Plant

4. Table H of the contract entitled "Project Transportation Facilities" is amended to read as follows:

TABLE H

PROJECT TRANSPORTATION FACILITIES  
ANTELOPE VALLEY-EAST KERN WATER AGENCY

A San Joaquin Valley-Southern California Aqueduct extending to a turnout near Oso Pumping Plant on the West Branch Aqueduct defined below, and extending to a turnout near Fairmont on the East Branch Aqueduct defined below, to the extent such aqueduct is determined by the State to be required for water transportation.

(1) "East Branch Aqueduct" shall mean that portion of the San Joaquin Valley-Southern California Aqueduct specified in Section 12934(d)(2) of the Water Code extending from the Junction of East and West Branches to a terminus in the vicinity of Perris, Riverside County.

(2) "West Branch Aqueduct" shall mean that portion of the San Joaquin Valley-Southern California Aqueduct specified in Section 12934(d)(2) of the Water Code extending from the Junction of East and West Branches to a terminus in the vicinity of Newhall, Los Angeles County.

5. Table I of the contract entitled "Aqueduct Reaches" is amended to read as follows:

TABLE I

AQUEDUCT REACHES  
ANTELOPE VALLEY-EAST KERN WATER AGENCY

Aqueduct reach	Major features of reach
Delta through Bethany Reservoir	Intake Channel, Fish Protective Facilities, Delta Pumping Plant, Aqueduct, Bethany Reservoir Aqueduct
Bethany Reservoir to San Luis Forebay	
San Luis Forebay to Mile 18 Pumping Plant	Forebay, Aqueduct, Los Banos Creek Detention Dam
Mile 18 Pumping Plant to Panoche Creek	Mile 18 Pumping Plant, Aqueduct, Little Panoche Creek Detention Reservoir, Little Panoche Creek Siphon
Panoche Creek to Five Points	Panoche Creek Siphon, Aqueduct

TABLE I (Continued)

Aqueduct reach	Major features of reach
Five Points to Arroyo Pasajero	Aqueduct
Arroyo Pasajero to Kettleman City	Aqueduct
Kettleman City to Avenal Gap	Aqueduct
Avenal Gap to Twisselman Road	Aqueduct
Twisselman Road to near Lost Hills	Aqueduct
Near Lost Hills to near Seventh Standard Road	Aqueduct
Near Seventh Standard Road to Elk Hills Road	Aqueduct
Elk Hills Road to Tupman	Aqueduct
Tupman to Buena Vista Pumping Plant	Aqueduct
Buena Vista Pumping Plant to Santiago Creek	Buena Vista Intake Channel and Pumping Plant, Sunset Railroad Siphon, Aqueduct
Santiago Creek to Old River Road	Aqueduct
Old River Road to Wheeler Ridge Pumping Plant	Old River Road Siphon, Maricopa Highway Siphon, Aqueduct
Wheeler Ridge Pumping Plant to Wind Gap Pumping Plant	Wheeler Ridge Intake Channel and Pumping Plant, Aqueduct
Wind Gap Pumping Plant to Tehachapi Pumping Plant	Wind Gap Intake Channel and Pumping Plant, Standard Oil Road Siphon, Grapevine Creek Siphon, Aqueduct
Tehachapi Pumping Plant to South Portal Tehachapi Tunnel No. 3	Tehachapi Forebay, Intake Channel and Pumping Plant, Penstocks, Tunnel No. 1, Siphon No. 1, Tunnel No. 2, Pastoria Siphon, Tunnel No. 3
South Portal Tehachapi Tunnel No. 3 to Junction, East and West Branches	Tehachapi Siphon No. 3, Carley V. Porter Tunnel, Tehachapi Afterbay, Junction West Branch Aqueduct
EAST BRANCH DIVISION	
Junction, East and West Branches through Cottonwood Powerplant	Cottonwood Intake Channel, Powerplant and Tailrace Canal, Aqueduct
Cottonwood Powerplant to Fairmont	Neenach Fill, Aqueduct

TABLE I (Continued)

Aqueduct reach	:	Major features of reach
WEST BRANCH DIVISION		
Junction, East and West Branches thru Oso Pumping Plant	:	Antelope Siphon, Oso Canal, Pumping Plant and Penstocks, Aqueduct

6. The amendments to Tables B, H, and I of the contract as set forth in paragraphs numbered 3, 4, and 5 above shall in no way limit the right of the State to make subsequent modifications pursuant to the provisions of Article 23 of the contract.


IN WITNESS WHEREOF, the parties hereto have executed this contract on the date first above written.

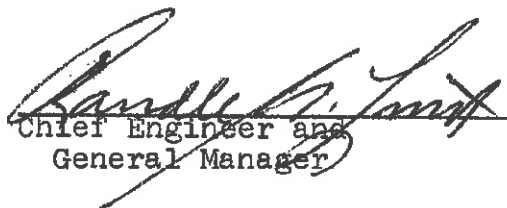
Approved as to form  
and execution:

  
Attorney


ANTELOPE VALLEY-EAST KERN  
WATER AGENCY

By   
President


  
Secretary-Treasurer

  
Chief Engineer and  
General Manager

Approved as to legal form  
and sufficiency:

  
Chief Counsel  
Department of Water Resources

STATE OF CALIFORNIA  
THE RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES

By   
Director

THE RESOURCES AGENCY  
STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES

AMENDMENT NO. 3 TO WATER SUPPLY CONTRACT  
BETWEEN THE STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES AND  
ANTELOPE VALLEY-EAST KERN WATER AGENCY

THIS CONTRACT, made this 16th day of February, 1967, pursuant to the provisions of the California Water Resources Development Bond Act, the State Central Valley Project Act, and other applicable laws of the State of California, between the State of California, acting by and through its Department of Water Resources, herein referred to as the "State", and Antelope Valley-East Kern Water Agency, a public agency in the State of California, duly organized, existing, and acting pursuant to the laws thereof with its principal place of business in Lancaster, California, herein referred to as the "Agency",

WITNESSETH, That:

WHEREAS, the State is authorized to construct and operate facilities for the storage and conveyance of water, certain of which facilities will make water available to the Agency; and

WHEREAS, the State and the Agency have entered into a water supply contract, dated September 20, 1962, as amended by Amendment No. 1, dated September 22, 1964, and Amendment No. 2, dated August 24, 1965, providing that the State will supply certain quantities of water to the Agency, and providing that the Agency shall make certain payments to the State, and setting forth the terms and conditions of such supply and such payments; and

WHEREAS, Amendment No. 2, previously referred to, revised subdivision (c) of Article 12 to provide for a rate of delivery of

project water to the Agency that does not permit peaking delivery rates, revised subdivision (d) of Article 45 to state that the State will provide only a continuous rate of delivery, and removed the Agency's participation in the East Branch Aqueduct downstream from a turnout in the vicinity of Fairmont reservoir; and

WHEREAS, the Agency has requested that the State reconsider the changes in its water supply contract that were accomplished by said Amendment No. 2 as hereinabove stated so as to reinstate the provisions requiring the State to provide peaking service to the Agency; and

WHEREAS, the Agency has also requested that such peaking service be provided through a reservoir facility located at a specific site between the Fairmont Buttes and Antelope Buttes, called the Buttes reservoir site; and

WHEREAS, with such a reservoir facility it would be possible for the State to provide emergency service to the Agency in addition to peaking service, which emergency service heretofore had not been contemplated to be provided said Agency; and

WHEREAS, the Agency has requested that such reservoir be designed and constructed to provide the same degree of emergency service that the Department is providing to other water contracting agencies using reservoirs for such emergency service; and

WHEREAS, the Agency has requested that it be provided with capacity in that portion of the Aqueduct from which it had withdrawn in the aforementioned Amendment No.2 downstream to the vicinity of Pearblossom Pumping Plant; and

WHEREAS, provided construction of Buttes reservoir is technically and financially feasible, the State is willing to approve such requests and to reinstate the Agency to the position of service it would have held in the absence of Contract Amendment No. 2, and to enable the Agency to make the most effective use of the California Aqueduct for location of its distribution facilities; and

WHEREAS, it is the intent of the State and the Agency that such peaking and emergency service shall be provided only if construction of a dam at the Buttes reservoir site is found to be feasible;

NOW THEREFORE, it is mutually agreed that the following changes and additions are hereby made to the Agency's water supply contract with the State:

1. Subdivision (c) of Article 12 is amended to read as follows:

(c) Limit on Rate of Delivery to Agency

In no event shall the State be obligated to deliver water to the Agency through all delivery structures at a total combined instantaneous rate of flow exceeding two hundred fifty-three (253) cubic feet per second, except as this rate of flow may be revised by amendment of this article after submission to the State of the Agency's requests with respect to maximum flow capacities to be provided in said delivery structures, pursuant to Article 10.

2. Subdivision (b) of Article 45 is amended to read as follows:

(b) The State shall provide sufficient capacity in the transportation facilities, subject to the provisions of Article 17(b), to deliver eleven percent (11%) of the Agency's annual entitlement in each of three and one-third (3-1/3) months

in each year. Subject to the foregoing limitation, in scheduling deliveries under Article 12(a), the State will provide for up to eight point eighty-nine percent (8.89%) of the Agency's annual entitlement to be delivered in excess of a rate of eight and one-third percent (8-1/3%) per month: Provided, That the State shall not be obligated, by reason of this contract provision, to reduce the peaking service and/or emergency service heretofore provided for other agencies that have contracted for water service from the State Water Project, if the State determines that it is not feasible for any reason in the judgment of the State to build a dam at the Buttes reservoir site to provide such peaking and emergency service for the Agency: Provided further, That notwithstanding the State's determination, the Agency may notify the State at any time prior to the date the State commences final design of Buttes reservoir that the Agency does not desire the reservoir to be constructed, in which event the provisions of paragraph numbers 1, 2, and 3 of this amendment shall be of no further force and effect: Provided further, That, notwithstanding the fact that the dam is not constructed, the Agency shall remain liable for and shall be obligated to pay the State all costs incurred by the State by reason of this amendment prior to the date the State determines such construction is not feasible or the date the Agency notifies the State that the Agency does not desire the reservoir to be constructed, whichever shall be earlier.

3. Subdivision (c) is added to Article 46 to read as follows:

(c) The Agency may notify the State on or before January 1, 1968, as to whether or not it would desire the Buttes

reservoir, contemplated to be constructed by the State to provide the peaking and emergency service to the Agency, to be placed in operation by the State later than the State is scheduling such service, and the State will then postpone the design and construction of said dam and reservoir for the period requested by the Agency: Provided, That such postponement will be granted only for a period in which (1) the existing capacity of the State Water Project enables the State to make deliveries to the Agency on the peaking basis provided for by this contract without reduction in the service and water deliveries to be provided to other contractors during the period of the delayed construction, and (2) the Agency agrees to make any necessary adjustments in its payments to the State to provide compensation for the temporary usage by the Agency of facilities necessary to provide peaking service to other contracting agencies: Provided further, That the State may elect for reasons of financing to postpone the design and construction of such dam and reservoir so that the peaking service and/or emergency service for the Agency will require the temporary usage by the Agency of facilities necessary to provide peaking service to other contracting agencies, in which event the Agency agrees to make any necessary adjustments in its payments to the State to provide compensation for such usage, or, in lieu thereof, to notify the State that the Agency does not desire the reservoir to be constructed.

4. The first column (Aqueduct Reach) of Table B of the contract, entitled "Allocated Proportion of Costs of Project Transportation Facilities", is amended by addition of the following reaches:

EAST BRANCH DIVISION

Buttes Junction (near Fairmont) thru Buttes reservoir  
Fairmont to 70th Street West  
70th Street West to Palmdale  
Palmdale to Littlerock Creek  
Littlerock Creek to Pearblossom Pumping Plant

WEST BRANCH

Oso Pumping Plant to State Route 138

5. Table H of the contract entitled "Project Transportation Facilities", is amended to read as follows:

TABLE H

PROJECT TRANSPORTATION FACILITIES  
ANTELOPE VALLEY-EAST KERN WATER AGENCY

A San Joaquin Valley-Southern California Aqueduct extending to a turnout near the Quail regulating reservoir on the West Branch Aqueduct defined below, and extending to a turnout near the Pearblossom Pumping Plant on the East Branch Aqueduct defined below, to the extent such Aqueduct is determined by the State to be required for water transportation.

(1) "East Branch Aqueduct" shall mean that portion of the San Joaquin Valley-Southern California Aqueduct specified in Section 12934(d) (2) of the Water Code extending from the Junction of East and West Branches to a terminus in the vicinity of Perris, Riverside County.

(2) "West Branch Aqueduct" shall mean that portion of the San Joaquin Valley-Southern California Aqueduct specified in Section 12934(d) (2) of the Water Code extending from the Junction of East and West Branches to a terminus in the vicinity of Newhall, Los Angeles County.

6. Table I of the contract, entitled "Aqueduct Reaches" is amended by adding the following reach descriptions:

Aqueduct Reach

Major Features of Reach

EAST BRANCH DIVISION

Buttes Junction (near Fairmont)  
thru Buttes reservoir

Siphon, Buttes Dam, Buttes reservoir

Fairmont to 70th Street West

Canal and siphons

70th Street West to Palmdale

Canal and siphons

Palmdale to Littlerock Creek

Canal and siphons

Littlerock Creek to Pearblossom  
Pumping Plant

Canal and siphons

WEST BRANCH

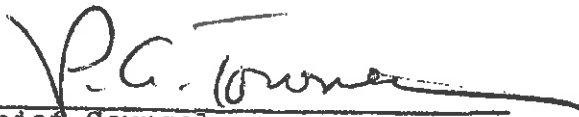
Oso Pumping Plant to State  
Route 138

Quail Canal, Quail Regulating  
Pool

IN WITNESS WHEREOF, the Parties hereto have executed this  
contract on the date first above written.

APPROVED as to legal form  
and sufficiency:

STATE OF CALIFORNIA  
THE RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES

  
Chief Counsel  
Department of Water Resources

By   
Director

Approved as to form  
and execution:

ANTELOPE VALLEY-EAST KERN  
WATER AGENCY

  
Attorney

By   
President

  
Secretary-Treasurer

  
General Manager

STATE OF CALIFORNIA  
THE RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES

AMENDMENT NO. 4 TO WATER SUPPLY CONTRACT  
BETWEEN THE STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES AND  
ANTELOPE VALLEY-EAST KERN WATER AGENCY

THIS CONTRACT, made this 11th day of May, 1967, pursuant to the provisions of the California Water Resources Development Bond Act, the State Central Valley Project Act, and other applicable laws of the State of California, acting by and through its Department of Water Resources, herein referred to as the "State", and Antelope Valley-East Kern Water Agency, a public agency in the State of California, duly organized, existing and acting pursuant to the laws thereof with its principal place of business in Lancaster, California, herein referred to as the "Agency",

WITNESSETH, That:

WHEREAS, the State is authorized to construct and operate facilities for the storage and conveyance of water, certain of which facilities will make water available to the Agency; and

WHEREAS, the State and the Agency have entered into a water supply contract, dated September 20, 1962, as amended by Amendment No. 1, dated September 22, 1964, Amendment No. 2 dated August 24, 1965, and Amendment No. 3 dated February 16, 1967, providing that the State will supply certain quantities of water to the Agency, and providing that the Agency shall make certain payments to the State, and setting forth the terms and conditions of such supply and such payments; and

WHEREAS, Article 12(b) of such contract provides that the State shall not be obligated to deliver to any contractor from the project transportation facilities in any one month of any year a total amount of project water greater than certain named percentages of such contractor's annual entitlement for that year, but said article further provides that such percentages may be revised by amendment of Article 12(b); and

WHEREAS, Article 17(b) of such contract provides that the State shall design and construct the project transportation facilities so as to provide certain capacity in such facilities; and

WHEREAS, Article 24(d) of such contract provides a procedure to be followed in the event that any contractor, pursuant to Article 12(b), requests delivery capacity in any aqueduct reach which will permit maximum monthly deliveries to such contractor in excess of the percentage amounts specified in said Article 12(b); and

WHEREAS, the Agency has requested that such contract be amended to provide for excess capacity in certain reaches of project transportation facilities; and

WHEREAS, the State is willing to approve such request upon the terms and conditions of this agreement; and

WHEREAS, the Agency is willing to advance to the State funds sufficient to cover any additional cost of the project transportation facilities occasioned by the Agency's request, as provided in Article 24(d); and

WHEREAS, it is the intent of the State and the Agency that no part of such additional costs shall be borne by any contractor other than the Agency;

NOW THEREFORE, it is mutually agreed that the following changes and additions are hereby made to the Agency's water supply contract with the State:

1. Subdivision (b) of Article 12 is amended to read as follows:

(b) In no event shall the State be obligated to deliver to any contractor through all delivery structures provided for such contractor a total amount of project water in any year greater than the contractor's annual entitlement for that year; or to deliver to any contractor from the project transportation facilities downstream from Pumping Plant VI (Tehachapi Pumping Plant) in any one month of any year a total amount of project water greater than eleven percent (11%) of such contractor's annual entitlement for that year; or to deliver to any contractor from the project transportation facilities upstream from said Pumping Plant VI in any one month of any year a total amount of project water greater than the sum of eighteen percent (18%) of that portion of such contractor's annual entitlement for that year to be put to agricultural use, as determined by the State, and eleven percent (11%) of that portion of such contractor's annual entitlement for that year to be put to municipal use, as determined by the State: Provided, That if the State delivers project water to any contractor through delivery structures both downstream and upstream from said Pumping Plant VI, the foregoing limitations on monthly deliveries to such contractor shall be based on an appropriate apportionment of such contractor's annual entitlement for that year to the respective portions of such contractor's service area to which delivery is made

from the project transportation facilities downstream from said Pumping Plant VI and from the project transportation facilities upstream therefrom: Provided further, That the respective percentages set forth hereinabove may be revised for a particular contractor by amendment of this subdivision after submission to the State of that contractor's requests with respect to maximum monthly deliveries, such revision being subject to approval by the State and subject to advancement to the State by the respective contractor of funds sufficient to cover any additional costs of the project transportation facilities occasioned thereby, as such costs are determined pursuant to Article 24(d): Provided further, That with respect to deliveries to the Agency from the project transportation facilities downstream from Pumping Plant VI the percentage of eleven percent (11%) is revised to the extent provided in Article 46(d) of this contract.

2. Subdivision (b) of Article 17 is amended to read as follows:

(b) The State shall design and construct the project transportation facilities so as to provide in each reach thereof, including reservoirs, the capacity necessary to enable delivery of project water in each year to the Agency and to other contractors in the maximum monthly amounts and at the locations, times, and maximum rates specified or provided for in their respective contracts for such year, and shall include in each such reach such capacity as is economically justified in the judgment of the State to compensate for scheduled outages for purposes of necessary investigation, inspection, maintenance, repair or replacement of

project facilities, and for losses of water due to evaporation, leakage, seepage, or other causes. Subject to Articles 6(b), 7(b), 12(b) and 12(c), the capacity so to be provided by the State for each reach of the project transportation facilities necessary for transporting water to the Agency shall be sufficient to enable delivery to the Agency in each month of any year of an amount of water up to but not exceeding eleven percent (11%) of the Agency's annual entitlement for the respective year and, upon completion of the project facilities, to enable delivery to the Agency in each month of any year of an amount of water up to but not exceeding eleven percent (11%) of the Agency's maximum annual entitlement: Provided, That regulatory storage reservoirs included in the project transportation facilities may be utilized in conjunction with conveyance capacity provided in said facilities for delivery to the Agency of the foregoing monthly amounts, subject to the retention at all times, except during periods of emergency, in each reservoir on the East Branch Aqueduct and the West Branch Aqueduct, respectively, of an amount of stored water reasonably sufficient to meet emergency requirements of the Agency for project water during the respective year: Provided further, That excess capacity shall be provided in accordance with Article 46(d) of this contract.

3. Subdivision (d) of Article 46 is added to the contract to read as follows:

(d) Excess Capacity

The State shall provide in each reach of the project transportation facilities from the Junction, West Branch, California Aqueduct to the beginning of the Peace Valley Pipeline on the West Branch Aqueduct, excess capacity in the amount of

nineteen (19) cubic feet per second, which consists of capacity sufficient to carry in any one month of any year seventy-seven one hundredths of one percent (0.77%) of the Agency's maximum annual entitlement including in such increment for each reach capacity required for scheduled outages: Provided, That no such excess capacity shall be provided in regulatory storage reservoirs included in such reaches. To the extent made possible by the excess capacity provided in accordance with the preceding sentence, the State shall comply with requests of the Agency to deliver from the project transportation facilities downstream from Pumping Plant VI (Tehachapi Pumping Plant) in any one month of any year a total amount of project water greater than eleven percent (11%) of the Agency's annual entitlement for that year. In no event shall the State be obligated to deliver to the Agency from the project transportation facilities downstream from Pumping Plant VI (Tehachapi Pumping Plant) in any one month of any year a total amount of project water greater than eleven percent (11%) of the Agency's annual entitlement for that year except insofar as the excess capacity provided in accordance with the first sentence of this subdivision (d) makes possible such greater delivery.

4. Subdivision (e) of Article 46 is added to the contract to read as follows:

(e) Advance Payment for Excess Capacity

The Agency shall each year furnish to the State, in advance of the construction of the aqueduct reaches from the Junction, West Branch Aqueduct, to the beginning of the Peace Valley Pipeline on the West Branch Aqueduct, funds sufficient to

cover the costs of providing the excess capacity described in subdivision (d) of this article. Such funds shall be in an amount which bears the same proportion to the total capital costs of each such reach, including the costs of providing such excess capacity, as such capacity bears to the total capacity of such reach, including such excess capacity. The State shall, on or before July 1 of each year, furnish the Agency with a written statement of the charges to the Agency pursuant to this subdivision for the next year: Provided, That the first such charge shall include any accumulated capital costs attributable to such increased capacity in prior years, together with interest thereon at the project interest rate compounded annually. The Agency shall pay to the State on or before January 1 of each year one-half of such charge and shall pay the remaining one-half of such charge on or before July 1 of that year.

5. Subdivision (f) of Article 46 is added to the contract to read as follows:

(f) Allocation of Capital Costs of Reaches in Which Excess Capacity is Provided

The total capital costs of each aqueduct reach in which excess capacity is provided for the Agency pursuant to subdivision (d) of this article shall be allocated among all contractors entitled to delivery of project water from or through the reach in accordance with the provisions of Article 24(d). The values and amounts so allocated shall be subject to redetermination by the State in accordance with Article 28. Such redetermination shall include, without limitation as to other proper adjustments, a recalculation, based on actual costs incurred by the State, of

both the estimated costs which would have been incurred had no excess capacity been provided and of the projected actual costs.

6. Subdivision (g) of Article 46 is added to the contract to read as follows:

(g) Reconciliation of Advance Payments with  
Cost Allocation

In the event that the funds advanced by the Agency pursuant to subdivision (e) of this article are more or less than the costs allocated to the Agency pursuant to subdivision (f) of this article, the account of the Agency under the capital cost component shall be credited or debited accordingly, with interest thereon from the date of such advance at the applicable average interest rate of the fund in which such money is invested.

7. Subdivision (h) of Article 46 is added to the contract to read as follows:

(h) Allocation of Minimum Operation, Maintenance,  
Power, and Replacement Costs of Reaches in  
Which Excess Capacity is Provided

Subject to the provisions of subdivision (j) of this article, the minimum operation, maintenance, power, and replacement costs for the respective year of each aqueduct reach of the project transportation facilities in which excess capacity has been provided pursuant to subdivision (d) of this article shall be allocated among contractors by the proportionate use of facilities method of cost allocation, in accordance with the provisions of Article 25: Provided, That in making such allocation with respect to all such costs other than those for any connected-load charges for power the capacity provided in each reach for the transport and delivery of project water to the Agency and the total capacity

provided in each reach shall include the excess capacity provided pursuant to subdivision (d) of this article.

8. Subdivision (i) of Article 46 is added to the contract to read as follows:

(1) Allocation of Variable Operation, Maintenance, Power, and Replacement Costs of Reaches in Which Excess Capacity is Provided

Subject to the provisions of subdivision (j) of this article, the variable operation, maintenance, power, and replacement costs for the respective year of each aqueduct reach of the project transportation facilities in which excess capacity has been provided pursuant to subdivision (d) of this article shall be allocated among contractors in accordance with the provisions of Article 26: Provided, That the Agency shall make such additional payments with respect to such variable component as may be necessary in order that the present value, when discounted at the project interest rate to the first day of the project repayment period, of payments of any other contractor under the variable operation, maintenance, power, and replacement component of the Transportation Charge will not be greater than the present value, when discounted at the project interest rate to the first day of the project repayment period, of payments under that component of the Transportation Charge that would have been derived for such contractor on the bases provided in its contract in the absence of subdivisions (d) to (j), inclusive, of this article in this contract.

9. Subdivision (j) of Article 46 is added to the contract to read as follows:

(j) Connected-Load Charges for Power

The connected-load charges for power resulting from the excess capacity provided pursuant to subdivision (d) of this article shall be paid entirely by the Agency and such costs shall not be included in the minimum operation, maintenance, power, and replacement component or the variable operation, maintenance, power, and replacement component of the Transportation Charge to be allocated among contractors: Provided, That such costs shall be paid by the Agency at the same times and under the same procedures as the minimum operation, maintenance, power, and replacement component as provided in Article 29.

10. The first column (Aqueduct Reach) of Table B of the contract, entitled "Allocated Proportion of Costs of Project Transportation Facilities", under the heading West Branch is amended to read:

West Branch

Junction, East and West Branches thru  
Oso Pumping Plant

Oso Pumping Plant to Peace Valley Pipeline

11. The second line of Table H of the contract, entitled "Project Transportation Facilities", is amended to change Oso Pumping Plant to Peace Valley Pipeline.

12. Table I of the contract, entitled "Aqueduct Reaches" is amended by changing the West Branch description to read:

West Branch

Junction, East and West  
Branches thru Oso  
Pumping Plant

Oso Siphon, Oso Canal,  
Pumping Plant &  
Penstocks, Aqueduct

Oso Pumping Plant to  
Peace Valley Pipeline

Quail Canal, Quail  
Regulating Pool

IN WITNESS WHEREOF, the Parties hereto have executed this contract on the date first above written.

Approved as to legal form  
and sufficiency:

STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES

J.C. Tourner  
Chief Counsel

By W. L. Granelli  
Director

Approved as to form  
and execution:

ANTELOPE VALLEY-EAST KERN  
WATER AGENCY

James H. Allbaugh  
Attorney

By Alfred E. Shelton  
President

Betty J. Ryan  
Secretary-Treasurer

William J. Spinardi  
General Manager

STATE OF CALIFORNIA  
THE RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES

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AMENDMENT NO. 5 TO WATER SUPPLY CONTRACT  
BETWEEN THE STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES AND  
ANTELOPE VALLEY-EAST KERN WATER AGENCY

THIS CONTRACT, made this *31<sup>st</sup>* day of *December* 1969,  
pursuant to the provisions of the California Water Resources  
Development Bond Act, the State Central Valley Project Act, and  
other applicable laws of the State of California, between the State  
of California, acting by and through its Department of Water  
Resources, herein referred to as the "State", and *Antelope Valley-*  
*East-Kern Water Agency,*  
herein referred to as the "Agency";

WITNESSETH, That

WHEREAS, the State and the Agency have entered into and  
subsequently amended a water supply contract providing that the  
State will supply certain quantities of water to the Agency, and  
providing that the Agency shall make certain payments to the State,  
and setting forth the terms and conditions of such supply and such  
payment; and

WHEREAS, Article 22(b) of such water supply contract pro-  
vides that for each year through the year 1969 the Delta Water  
Charge shall be the product of \$3.50 and the Agency's annual entitle-  
ment for the respective year and that beginning in the year 1970, the  
Delta Water Charge shall be the sum of the capital cost component,  
minimum operation, maintenance, power and replacement component, and

variable operation, maintenance, power and replacement component computed in accordance with Articles 22(c) and (d) of the water supply contract; and

WHEREAS, Articles 22(e) and (g) of such water supply contract provide that the Delta Water Charge as computed in accordance with Articles 22(c) and (d) shall include all projected costs of additional project and supplemental conservation facilities commencing in the years in which the State first incurs capital costs for such facilities after the facilities are authorized; and

WHEREAS, the parties desire that all water supply contracts be amended to postpone inclusion of the projected costs of any authorized additional project and supplemental conservation facilities in the computation of the Delta Water Charge until after the year 1970 and to fix the rate for computing the Delta Water Charge for the year 1970 at \$6.65; and

WHEREAS, the payments to be made by the Agency to the State include interest calculated at the "project interest rate" defined in Article 1(r) of such water supply contract to mean the weighted average of the interest rates paid by the State on bonds issued under the Water Resources Development Bond Act (Bond Act) disregarding premiums received on the sale of such bonds; and

WHEREAS, the underlying assumption upon which the "project interest rate" was established was that all of the initial facilities of the State Water Resources Development System (Project) would be financed principally with proceeds of bonds issued under the Bond Act or from other sources on which the interest rate would not exceed that of the bonds issued under the Bond Act; and

WHEREAS, the State already has financed the Oroville-

Thermalito power facilities through Central Valley Project Revenue Bonds and may finance other portions of the project facilities through additional revenue bond issues, bonds issued under other authority granted by the Legislature or the voters, bonds issued by other state agencies, advances from contractors, and other methods under which the financing costs relate to interest rates that may exceed the interest rate of the bonds issued under the Bond Act; and

WHEREAS, either the State or contractors making advances to the State may be subject to interest rates, or other financing costs that relate to interest rates, which will be greater than the "project interest rate" as presently defined in the contracts; and

WHEREAS, the parties desire that (1) the interest costs hereafter incurred by or on behalf of the State in financing the construction of project facilities by means other than the use of moneys provided under the Bond Act will be reflected in appropriate adjustments of the "project interest rate" (excepting the interest costs incurred for the Central Valley Project Revenue Bonds issued prior to the date of this amendment); (2) appropriate credit will be given to any contractor having made an advance of funds to the State corresponding to the bond service obligation payable by such contractor by reason of such advance or if bonds were not used to obtain funds for such advance, then to the net interest cost which would have resulted if the contractor had sold bonds for the purpose of funding the advance; and (3) if any sources of funds other than those provided under the Bond Act are employed to finance the construction of specific project facilities and the interest or other costs of such financing are greater than the cost would have been if bonds issued under the Bond Act had been used, appropriate

adjustments to the charges to contractors will be made with respect to such facilities so that the charges to contractors taking water through reaches which include such facilities will be the same after such adjustments as such charges would have been if such facilities had been financed by the use of proceeds of bonds issued under the Bond Act, except insofar as the "project interest rate" has been adjusted pursuant to (1) in this recital:

NOW THEREFORE, it is mutually agreed that the following changes and additions are hereby made to the Agency's water supply contract with the State:

1. Subdivision (b) of Article 22 is amended to read as follows:

For each contractor receiving project water in any year through December 31, 1969, the Delta Water Charge shall be the product of \$3.50 and the contractor's annual entitlement to project water for the respective year. For each contractor receiving project water in the year 1970, the Delta Water Charge shall be the product of \$6.65 and the contractor's annual entitlement to project water for that year. The \$6.65 rate for the year 1970 shall consist of a capital cost component of \$5.04 and a minimum operation, maintenance, power and replacement component of \$1.61. After December 31, 1970, the Delta Water Charge shall consist and be the sum of the following components as these are computed in accordance with subdivisions (c) and (d) of this article: a capital cost component; a minimum operation, maintenance, power and replacement component; and a variable operation, maintenance, power and replacement component.

2. Subdivision (r) of Article 1 is amended to read as follows:

"Project interest rate" shall mean the weighted average interest rate of (1) through (6) below computed by dividing (i) the total interest cost required to be paid or credited by the State during the life of the indebtedness or advance by (ii) the total of the products of the various principal amounts and the respective terms in years of all such amounts:

- (1) general obligation bonds issued by the State under the Bond Act,
- (2) revenue bonds issued by the State under the Central Valley Project Act after May 1, 1969,
- (3) bonds issued by the State under any other authority granted by the Legislature or the voters,
- (4) bonds issued by any agency, district, political subdivision, public corporation, or non-profit corporation of this State,
- (5) funds advanced by any contractor without the actual incurring of bonded debt therefor, for which the net interest cost and terms shall be those which would have resulted if the contractor had sold bonds for the purpose of funding the advance, as determined by the State, and
- (6) funds borrowed from the General Fund or other funds in the Treasury of the State of California, for which the total interest cost shall be computed at the interest rate earned over the period of such borrowing

by moneys in the Pooled Money Investment Account of such Treasury invested in securities,

to the extent the proceeds of any such bonds, advances or loans are for construction of the State Water Facilities defined in Section 12934(d) of the Water Code, the additional project conservation facilities, and the supplemental conservation facilities (except advances for delivery structures, measuring devices and excess capacity) and without regard to any premiums received on the sale of bonds under item (1) above. The "project interest rate" shall be computed as a decimal fraction to five places.

3. Subdivision (f) of Article 17 is added to the contract to read as follows:

(f) Adjustments Due to Supplemental Financing Costs

(1) If a contractor, with approval of the State, advances funds to the State to assist the State in financing construction of project facilities (not including delivery structures, measuring devices and excess capacity), such advance shall be amortized by means of annual credits to the contractor having made such advance of funds to the State, with such credits being equal to the actual bond service obligations payable by such contractor by reason of such advance or, if no bonded debt was incurred, then such credits shall be sufficient to cover the repayment of principal and interest costs which would have resulted if the contractor had sold bonds for the purpose of funding the advance as determined by the State.

(2) If, after May 1, 1969, any source of funds other than those provided by the Bond Act is employed to finance

construction of specific project facilities, any additional costs incurred because of such financing will not be charged to the contractors, except for adjustments to the "project interest rate".

Approved as to legal form and sufficiency:

J. A. Towner  
Chief Counsel  
Department of Water Resources  
P. O. Box 388  
Sacramento, California

Approved as to form and execution:

[Signature]  
Attorney

[Signature]  
Secretary-Treasurer

STATE OF CALIFORNIA  
THE RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES

By W. J. Hamell  
Director

ANTelope VALLEY-EAST KERN  
WATER AGENCY

By Alfred E. Skilton  
President

Wallace S. Spinardi  
General Manager

STATE OF CALIFORNIA  
THE RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES

AMENDMENT NO. 6 TO WATER SUPPLY CONTRACT  
BETWEEN THE STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES AND  
ANTELOPE VALLEY-EAST KERN WATER AGENCY

THIS CONTRACT, made this 31st day of December , 1970, pursuant to the provisions of the California Water Resources Development Bond Act, the State Central Valley Project Act, and other applicable laws of the State of California, between the State of California, acting by and through its Department of Water Resources, herein referred to as the "State", and Antelope Valley-East Kern Water Agency, herein referred to as the "Agency";

WITNESSETH, That

WHEREAS, the State and the Agency have entered into and subsequently amended a water supply contract providing that the State will supply certain quantities of water to the Agency, and providing that the Agency shall make certain payments to the State, and setting forth the terms and conditions of such supply and such payment; and

WHEREAS, Article 22(b) of such water supply contract, as amended, provides that for each year through the year 1969 the Delta Water Charge shall be the product of \$3.50 and the Agency's annual entitlement for the respective year, that for the year 1970 the Delta Water Charge shall be the product of \$6.65 and the Agency's annual entitlement for that year, and that beginning in the year

1971 the Delta Water Charge shall be the sum of the capital cost component, minimum operation, maintenance, power and replacement component, and variable operation, maintenance, power and replacement component computed in accordance with Articles 22(c) and (d) of the water supply contract; and

WHEREAS, Articles 22(e) and (g) of such water supply contract provide that the Delta Water Charge as computed in accordance with Articles 22(c) and (d) shall include all projected costs of additional project and supplemental conservation facilities commencing in the years in which the State first incurs capital costs for such facilities after the facilities are authorized; and

WHEREAS, the parties desire that all water supply contracts be amended to postpone inclusion of the projected costs of any authorized additional project and supplemental conservation facilities in the computation of the Delta Water Charge until after the year 1971 and to fix the rate for computing the Delta Water Charge for the year 1971 at \$7.24;

NOW, THEREFORE, it is mutually agreed that the following changes and additions are hereby made to the Agency's water supply contract with the State:

1. Subdivision (b) of Article 22 is amended to read as follows:

For each contractor receiving project water in any year through December 31, 1969, the Delta Water Charge shall be the product of \$3.50 and the contractor's annual entitlement to project water for the respective year. For each contractor receiving project water in the year 1970, the Delta Water Charge shall be the

product of \$6.65 and the contractor's annual entitlement to project water for that year. The \$6.65 rate for the year 1970 shall consist of a capital cost component of \$5.04 and a minimum operation, maintenance, power and replacement component of \$1.61. For each contractor receiving project water in the year 1971, the Delta Water Charge shall be the product of \$7.24 and the contractor's annual entitlement to project water for that year. The \$7.24 rate for the year 1971 shall consist of a capital cost component of \$5.44 and a minimum operation, maintenance, power and replacement component of \$1.80. After December 31, 1971, the Delta Water Charge shall consist and be the sum of the following components as these are computed in accordance with subdivisions (c) and (d) of this article: a capital cost component; a minimum operation, maintenance, power and replacement component; and a variable operation, maintenance, power and replacement component.

Approved as to legal form and  
sufficiency:

STATE OF CALIFORNIA  
THE RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES

J. C. Toure  
Chief Counsel  
Department of Water Resources  
P. O. Box 388  
Sacramento, California

By W. J. Gennelli  
Director

Approved as to form  
and execution:

ANTELOPE VALLEY-EAST KERN  
WATER AGENCY

Samuel J. Allough  
Attorney

By Alfred E. Shultz  
President

Betty J. Ryan  
Secretary-Treasurer

Wallace G. Spivack  
General Manager

STATE OF CALIFORNIA  
THE RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES

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AMENDMENT NO. 7 TO WATER SUPPLY CONTRACT  
BETWEEN THE STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES AND  
ANTELOPE VALLEY-EAST KERN WATER AGENCY

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THIS CONTRACT, made this 27th day of December, 1971, pursuant to the provisions of the California Water Resources Development Bond Act, the State Central Valley Project Act, and other applicable laws of the State of California, between the State of California, acting by and through its Department of Water Resources, herein referred to as the "State", and Antelope Valley-East Kern Water Agency, herein referred to as the "Agency";

WITNESSETH, That:

WHEREAS, the State and the Agency have entered into and subsequently amended a water supply contract providing that the State will supply certain quantities of water to the Agency, and providing that the Agency shall make certain payments to the State, and setting forth the terms and conditions of such supply and such payment; and

WHEREAS, Article 22(b) of such water supply contract, as amended, provides that for each year through the year 1969 the Delta Water Charge shall be the product of \$3.50 and the Agency's annual entitlement for the respective year, that for the year 1970 the Delta Water Charge shall be the product of \$6.65 and the

Agency's annual entitlement for that year, that for the year 1971 the Delta Water Charge shall be the product of \$7.24 and the Agency's annual entitlement for that year, and that beginning in the year 1972 the Delta Water Charge shall be the sum of the capital cost component, minimum operation, maintenance, power and replacement component, and variable operation, maintenance, power and replacement component computed in accordance with Articles 22(c) and (d) of the water supply contract; and

WHEREAS, Articles 22(e) and (g) of such water supply contract provide that the Delta Water Charge as computed in accordance with Articles 22(c) and (d) shall include all projected costs of additional project and supplemental conservation facilities commencing in the years in which the State first incurs capital costs for such facilities after the facilities are authorized; and

WHEREAS, the parties desire that all water supply contracts be amended to postpone inclusion of the projected costs of any authorized additional project and supplemental conservation facilities in the computation of the Delta Water Charge until the happening of certain events;

NOW, THEREFORE, it is mutually agreed that the following changes and additions are hereby made to the Agency's water supply contract with the State:

1. Subdivision (e) of Article 22 is amended to read as follows:

Prior to the time that additional project conservation facilities or supplemental conservation facilities are constructed,

the Delta Water Charge shall be determined on the basis of an allocation to project purposes, by the separable cost-remaining benefits method, of all actual and projected costs of all those initial project conservation facilities located in and above the Delta, and upon an allocation to the purposes of water conservation and water transportation, by the proportionate use of facilities method, of all actual and projected costs of the following project facilities located below the Delta: The aqueduct intake facilities at the Delta, Pumping Plant I (Delta Pumping Plant), the aqueduct from the Delta to San Luis Forebay (O'Neill Forebay), San Luis Forebay (O'Neill Forebay), and San Luis Reservoir: Provided, That all of the actual and projected costs properly chargeable to the generation and transmission of electrical energy in connection with operation of project conservation facilities shall be allocated to the purpose of water conservation in, above, and below the Delta: Provided further, That allocations to purposes the cost of which are to be paid by the United States shall be as determined by the United States.

Commencing in the year in which the State first awards a major construction contract for construction of a major feature of additional project conservation facilities, or first commences payments under a contract with a federal agency in the event a major feature of additional project conservation facilities is constructed by such federal agency under an agreement requiring the State to pay all or part of the costs of such construction, the Delta Water Charge shall be determined on the basis of the

foregoing allocations and upon an allocation to project purposes, by the separable costs-remaining benefits method and subject to the foregoing provisos, of all projected costs of such feature of the additional project conservation facilities: Provided, That if the agreement with such federal agency allows repayment of costs of a portion of a facility to be deferred, the associated costs of such portion shall be excluded from the Delta Water Charge computations until repayment of such deferred costs or interest thereon is commenced by the State: Provided further, That all costs of additional project conservation facilities incurred prior to the award of a major construction contract, shall be included in the Delta Water Charge computations in the year in which they are incurred.

2. Subdivision (g) of Article 22 is amended to read as follows:

Upon the construction of the supplemental conservation facilities, the Delta Water Charge shall be paid by all contractors for supplemental water, as well as by contractors for project water, and, together with revenues derived from the sale or other disposal of electrical energy generated in connection with operation of project conservation facilities and supplemental conservation facilities, shall return to the State, in addition to those costs of the project conservation facilities allocated to the purpose of water conservation, in, above, and below the Delta pursuant to subdivision (e) of this article, all costs of such supplemental conservation facilities, including capital, operation, maintenance, power, and replacement costs

which are allocated to the purpose of water conservation, in, above, and below the Delta pursuant hereto. Commencing in the year in which the State first awards a major construction contract for construction of a major feature of any supplemental conservation facilities, or first commences payments under a contract with a federal agency in the event a major feature of supplemental conservation facilities is constructed by such federal agency under an agreement requiring the State to pay all or part of the costs of such construction, the Delta Water Charge shall be determined on the basis of the allocations made pursuant to subdivision (e) of this article, and upon an allocation to project purposes, by the separable costs-remaining benefits method and subject to provisos corresponding to those contained in said subdivision (e), of all projected costs of such feature of the supplemental conservation facilities. Commencing in the same year, the computation of the rates to be used in determining the components of the Delta Water Charge shall include the annual entitlements to water under all contracts for supplemental water. If the repayment period of any bonds sold to construct supplemental conservation facilities or the repayment period under any agreement with a federal agency for repayment of the costs of supplemental conservation facilities constructed by such federal agency extends beyond the repayment period of the contract, the Delta Water Charge shall be determined and redetermined on the basis of such extended repayment period as the State determines to be appropriate: Provided, That if the agreement with such federal agency allows repayment of costs

of a portion of a facility to be deferred, the associated costs of such portion shall be excluded from the Delta Water Charge computations until repayment of such deferred costs or interest thereon is commenced by the State.

IN WITNESS WHEREOF, the parties hereto have executed this contract on the date first above written.

Approved as to legal form  
and sufficiency:

STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES

By J. C. Turner  
Chief Counsel  
Department of Water Resources

By W. B. Smith  
Director

Attest:

ANTELOPE VALLEY-EAST KERN  
WATER AGENCY

By Betty J. Regan  
(Title) Secretary-Treasurer

By Alfred E. Shelton  
(Title) Pres

Approved as to form  
and execution:

By Samuel Allbaugh  
(Title) Attorney

STATE OF CALIFORNIA  
THE RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES

AMENDMENT NO. 8 TO WATER SUPPLY CONTRACT  
BETWEEN THE STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES AND  
ANTELOPE VALLEY-EAST KERN WATER AGENCY

THIS CONTRACT, made as of the 15th day of October, 1972, pursuant to the provisions of the California Water Resources Development Bond Act, the State Central Valley Project Act, and other applicable laws of the State of California, between the State of California, acting by and through its Department of Water Resources, herein referred to as the "State", and Antelope Valley-East Kern Water Agency, herein referred to as the "Agency";

WITNESSETH, That:

WHEREAS, the State and the Agency have entered into and subsequently amended a water supply contract, dated September 20, 1962 (herein referred to as the "Amended Contract") providing that the State shall supply certain quantities of water to the Agency, and that the Agency shall make certain payments to the State, and setting forth the terms and conditions of such supply and such payment; and

WHEREAS, the Amended Contract provides for a surcharge equivalent to the power credit per acre-foot of water to be charged to water users, other than the United States or the State of California, for each acre-foot of project water determined to have been put to agricultural or manufacturing uses on excess land, for collection by the Agency either itself or through a

retail agency or another agency, for payment to the State of such surcharge, and for the allowance, on specified terms and conditions, of the amount of such surcharge as a credit to the Agency; and

WHEREAS, the Amended Contract establishes the power credit per acre-foot of water as two dollars until all of the facilities for generation of electrical energy in connection with operation of initial project conservation facilities are installed and in operation, and provides for a redetermination of such credit thereafter to reflect accurately increases or decreases from year to year in the power credit; and

WHEREAS, the provisions of the Amended Contract providing for or related to the power credit, surcharge and surcharge credit have been suspended as to water deliveries during the years prior to 1972 pending redetermination of the power credit and a reevaluation of the merits of such contract provisions; and

WHEREAS, estimates indicate that the power credit will be relatively negligible in amount and that administrative costs associated with the power credit, surcharge and surcharge credit provisions will be excessively burdensome to the State, the Agency and its water users; and

WHEREAS, the power credit, surcharge and surcharge credit provisions rest on unclear, confused or mistaken premises and should no longer be retained;

NOW, THEREFORE, it is mutually agreed as follows:

There are hereby deleted from the Amended Contract the following:

1. Article 30 entitled "Surcharge for Project Water Used on Excess Land".

2. The next-to-the-last sentence of the fifth paragraph of subdivision (a) of Article 46, entitled "Surplus Water", which sentence reads as follows:

"A surcharge shall be added to the rate for surplus water furnished to excess land in an amount and under the conditions specified in Article 30 of this contract".

3. Subdivision (b) of Article 46 entitled "Surcharge Credit".

IN WITNESS WHEREOF, the parties hereto have executed this contract amendment on the date first above written.

Approved as to legal form  
and sufficiency:

STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES

By J. C. Towne  
Chief Counsel  
Department of Water Resources

By W. J. Ganelli  
Director

Attest:

ANTELOPE VALLEY-EAST KERN  
WATER AGENCY

By Betty J. Regan  
(Title) Secretary-Treasurer

By Alfred E. Mellon  
(Title) President

Approved as to form  
and execution:

By Samuel H. Daugherty  
Attorney

STATE OF CALIFORNIA  
THE RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES

AMENDMENT NO. 9 TO WATER SUPPLY CONTRACT  
BETWEEN THE STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES AND  
ANTELOPE VALLEY-EAST KERN WATER AGENCY

63214-1  
S/1  
X 100 (A)

THIS CONTRACT, made this *26<sup>th</sup>* day of *December*, 1972, pursuant to the provisions of the California Water Resources Development Bond Act, the State Central Valley Project Act, and other applicable laws of the State of California, between the State of California, acting by and through its Department of Water Resources, herein referred to as the "State", and Antelope Valley-East Kern Water Agency, herein referred to as the "Agency";

WITNESSETH, That:

WHEREAS, the State and the Agency have entered into and subsequently amended a water supply contract providing that the State will supply certain quantities of water to the Agency, and providing that the Agency shall make certain payments to the State, and setting forth the terms and conditions of such supply and such payment; and

WHEREAS, Article 28 of such water supply contract provides that the State shall redetermine the annual amounts of the Transportation Charge in order that the charges to the Agency may accurately reflect increases or decreases from year to year in projected costs, outstanding reimbursable indebtedness of the State, annual entitlements, estimated deliveries, project

interest rate, and all other factors which are determinative of such charges; and

WHEREAS, Article 28 also provides that each such redetermination shall include an adjustment of the components of the Transportation Charge to be paid by the Agency for succeeding years which shall account for differences, if any, between projections used by the State in determining the amounts of such components for all preceding years and actual costs incurred by the State during such years, but does not specify the computational details or the method of payment of such adjustments; and

WHEREAS, the State has been including such adjustments as "one-shot" credits or additional charges to be subtracted from or added to the Transportation Charge to be paid by the Agency in the year following the redetermination; and

WHEREAS, the magnitude of such adjustments together with changes in other determinants of charges may be significantly different in comparison with the amounts projected by the State under previous determinations and could impair the planned fiscal operations of the Agency, depending on the method of payment, and the parties desire to amend the contract to provide a method of amortizing the payment of the amounts of such differences over two or more years, depending on the magnitude of the differences; and

WHEREAS, bookkeeping will be simplified if the amortization of the payments of the amounts of such differences is

reflected solely in the capital cost component of the Transportation Charge; and

WHEREAS, the method of payment should apply regardless of whether the adjustments tend to increase or to decrease the Transportation Charge;

NOW THEREFORE, it is mutually agreed that effective January 1, 1973, Article 28 of the Agency's Water Supply Contract with the State is amended to read as follows:

28. Transportation Charge - Redetermination

(a) Determinative Factors Subject to Retro-active Change

The State shall redetermine the values and amounts set forth in Tables B, C, D, E, F, and G of this contract in the year following the year in which the State commences construction of the project transportation facilities and each year thereafter in order that the Transportation Charge to the Agency and the components thereof may accurately reflect the increases or decreases from year to year in projected costs, outstanding reimbursable indebtedness of the State incurred to construct the project transportation facilities described in Table I of this contract, annual entitlements, estimated deliveries, project interest rate, and all other factors which are determinative of such charges. In addition, each such redetermination shall include an adjustment of the components of the Transportation Charge to be paid by the Agency for succeeding years which shall account for the differences, if any, between those factors used by the State in determining the amounts of such components for all preceding years and the factors as then currently known by

the State. Such adjustment shall be computed by the State and paid by the Agency or credited to the Agency's account in the manner described in (b) and (c) below.

(b) Adjustment: Transportation Charge-Capital Cost Component

Adjustments for prior underpayments or overpayments of the capital cost component of the Transportation Charge to the Agency, together with accrued interest charges or credits thereon computed at the then current project interest rate on the amount of the underpayment or overpayment and compounded annually for the number of years from the year the underpayment or overpayment occurred to and including the year following the redetermination, shall be paid in the year following the redetermination: Provided, That the Agency may elect to exercise the option whereby when the redetermined Transportation Charge for the following year, with adjustments, including adjustments of the operation, maintenance, power, and replacement components provided for in subdivision (c) of this article, is more or less than the last estimate of the Charge provided pursuant to Article 27 for the corresponding year, without adjustments, an amount equal to the total of such difference shall be deducted from or added to the adjusted capital cost component for that year and paid or credited in accordance with the following schedule:

<u>Percent that Transportation Charge differs from last estimate (+ or -)</u>	<u>Period, in years, for amortizing the difference in indicated charge</u>
for 10% or less	no amortization
more than 10%, but not more than 20%	2
more than 20%, but not more than 30%	3
more than 30%, but not more than 40%	4
more than 40%.	5

Such payments or credits shall be in equal semi-annual amounts of principal and interest on or before the 1st day of January and the 1st day of July, with interest computed at the project interest rate and compounded annually, during varying amortization periods as set forth in the preceding schedule: Provided, That for the purpose of determining the above differences in the Transportation Charge, the variable operation, maintenance, power, and replacement component shall be computed on the basis of the same estimated project water deliveries as was assumed in computing pursuant to Article 26(c).

(c) Adjustment: Transportation Charge-Minimum and Variable Components

One-twelfth of the adjustments for prior underpayments or overpayments of the Agency's minimum and variable operation, power, and replacement components for each year shall be added or credited to the corresponding components to be paid in the corresponding month of the year following the redetermination, together with accrued interest charges or credits thereon computed at the then current project interest rate on the amount of the underpayment or overpayment and compounded annually for the number of years from the year the underpayment or overpayment occurred to and including the year following the redetermination.

(d) Exercise of Option

The option provided for in subdivision (b) above shall be exercised in writing on or before the January 1 due date of the first payment of the capital cost component of

the Transportation Charge for the year in which the option is to become effective.

Such option, once having been exercised, shall be applicable for all of the remaining years of the project repayment period.

IN WITNESS WHEREOF, the parties hereto have executed this contract on the date first above written.

Approved as to legal form  
and sufficiency:

STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES

By J. A. Towne  
Chief Counsel  
Department of Water Resources

By W. B. Grunelli  
Director

Attest:

ANTELOPE VALLEY-EAST KERN  
WATER AGENCY

By Betty J. Ryan  
(Title) Secretary-Treasurer

By Alfred E. Spector  
(Title) President

Approved as to form  
and execution:

By Samuel H. [Signature]  
(Title) Attorney

STATE OF CALIFORNIA  
THE RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES

AMENDMENT NO. 10 TO WATER SUPPLY CONTRACT  
BETWEEN THE STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES AND  
ANTELOPE VALLEY-EAST KERN WATER AGENCY

THIS CONTRACT, made as of the 17th day of September, 1974, pursuant to the provisions of the California Water Resources Development Bond Act, the State Central Valley Project Act, and other applicable laws of the State of California, between the State of California, acting by and through its Department of Water Resources, herein referred to as the "State", and Antelope Valley-East Kern Water Agency, herein referred to as the "Agency";

WITNESSETH, That:

WHEREAS, the State and the Agency entered into a contract whereby the State will deliver and the Agency will purchase a supply of water to be made available from project facilities constructed by the State; and

WHEREAS, the State and the Agency included in such contract a subarticle, hereinafter referred to as the agricultural and ground water replenishment provision, which entitles the Agency to obtain from the State a supply of surplus water for agricultural and ground water replenishment use when available; and

WHEREAS, Article 21 of such contract also provides for the sale by the State of a supply of surplus water when available; and

WHEREAS, the State and the Agency desire to amend the provisions of such contract related to the sale and purchase of surplus water;

NOW, THEREFORE, it is mutually agreed as follows:

1. Subdivision (a) of Article 46 of the Agency's water supply contract is deleted.

2. Article 21 of the Agency's water supply contract is amended to read as follows:

21. Sale of Surplus Water.

(a) Definitions. When used in this article:

(1) "Noncontractor" shall mean a person or entity that is not a contractor as that term is defined in Article 1 of this contract.

(2) "Surplus water" shall mean water which can be furnished to contractors and noncontractors, subject to the provisions of Article 14(a) of this contract, without interfering with:

(1) The delivery of annual entitlements of all contractors as specified in Table A and the meeting of the quality criteria of Article 19 of their respective water supply contracts including any modifications of Table A pursuant to Articles 7(a), 12(d), 14(b), 18(b), or 18(c) of the water supply contracts or to any other provisions in such contracts which permit changes in the delivery of annual entitlements;

(11) The furnishing of water required for use in construction of the System or in exchange for local water used in construction of the System;

(iii) Operational requirements regarding recreation and fish and wildlife uses;

(iv) Generation of power by the System or furnishing of project water required by power contracts;

(v) The exchange of water and the filling, retention, and release of storage in System reservoirs necessary for operational flexibility and to meet the requirements of paragraphs (i) through (iv) of this subdivision.

(vi) Losses of water due to evaporation, leakage, seepage, or other causes to meet the requirements of paragraphs (i) through (v) of this subdivision.

(3) "Ground water replenishment use" shall mean the use of project water exclusively for recharge of ground water basins by direct application to spreading basins, streambeds, or through other means of direct artificial recharge.

(4) "Contractors in the San Joaquin Service Area" shall mean those contractors which are furnished water through delivery structures from the California Aqueduct between Dos Amigos Pumping Plant and the South Portal of the Carley V. Porter Tunnel and from the Coastal Branch, California Aqueduct, from its junction with the California Aqueduct to the site for Devil's Den Pumping Plant.

(5) "Contractors in the Southern California Service Area" shall mean contractors for which water is delivered from the California Aqueduct downstream from the South Portal of the Carley V. Porter Tunnel.

(6) "Contractors in the Central Coastal Service Area" shall mean contractors for which water is delivered from the Coastal Branch, California Aqueduct, downstream from the site for Devil's Den Pumping Plant.

(7) "Deferred entitlement" shall mean those portions of annual entitlements to project water deferred in accordance with Article 7(e) of the contract with Alameda County Flood Control and Water Conservation District, Zone 7, Article 7(e) of the contract with Alameda County Water District, Article 7(e) of the contract with Santa Clara Valley Water District, Article 45(f) of the contract with Empire West Side Irrigation District, Article 45(e) of the contract with Hacienda Water District, Article 45(f) of the contract with County of Kings, Article 45(e) of the contract with Oak Flat Water District, and Article 45(e) of the contract with Tulare Lake Basin Water Storage District.

(b) Priorities. The State shall furnish surplus water in accordance with the following priorities:

- (1) First, to contractors for agricultural use or for ground water replenishment use.
- (2) Second, to contractors for other uses.
- (3) Third, to noncontractors for any beneficial use.

These priority groups shall be referred to as first priority, second priority, and thir priority respectively.

(c) Reductions in Requested Deliveries. If requests for surplus water cannot be met, the following reductions in requested deliveries shall be made:

(1) First, the quantity of surplus water to be delivered to noncontractors shall be limited to the quantity available in excess of the requests under the first priority and the second priority.

(2) Second, if there is not sufficient surplus water in excess of the requests under the first priority to meet the requests of contractors under the second priority, the quantity of water to be delivered under the second priority shall be limited to the quantity available in excess of the requests under the first priority and that quantity shall be apportioned in proportion to the amounts of the contractors' current annual entitlements that are to be used for purposes other than agricultural and ground water replenishment uses as determined by the State. If any contractor decides not to use the surplus water available to it under this provision, such surplus water shall be offered on a similar basis to other contractors for such uses.

(3) If there is not sufficient surplus water to meet the requests of contractors under the first priority, the quantity of water to be delivered under that priority shall be limited to the quantity available, and such quantity shall be apportioned to areas upstream and downstream from Dos Amigos Pumping Plant in proportion to the contractors' current annual entitlements that are to be used in such areas for agricultural and ground water replenishment purposes as determined by the State. The quantity of such water available upstream from Dos Amigos Pumping Plant shall be apportioned to contractors upstream from Dos Amigos Pumping Plant in proportion to the amounts of the contractors' current annual entitlements that are to be used for agricultural and ground water

replenishment purposes as determined by the State. If any such contractor decides not to use the surplus water available to it, such surplus water shall first be offered on a similar basis to other contractors upstream from Dos Amigos Pumping Plant and second offered to contractors downstream from Dos Amigos Pumping Plant. The quantity of surplus water available at Dos Amigos Pumping Plant for delivery to contractors downstream from that plant shall be apportioned 69 percent to the San Joaquin Service Area, 29 percent to the Southern California Service Area, and 2 percent to the Central Coastal Service Area. Within each such service area, surplus water shall be apportioned to contractors in proportion to the amounts of the contractors' current annual entitlements that are to be used for agricultural and ground water replenishment purposes as determined by the State. If any such contractor decides not to use the surplus water available to it, such surplus water, on a similar basis, shall first be offered to other contractors in such service area and second offered to contractors in the other such service areas.

(d) Schedules. On or before October 1 of each year, concurrently with the schedule submitted pursuant to the provisions of Article 12, the contractor shall submit in writing to the State a preliminary water delivery schedule, indicating the desired amounts of surplus water for each month of the subsequent six-year period beginning January 1 of the next succeeding year. The last five years of this preliminary surplus water delivery schedule shall be used by the State for planning and operations studies. If a contractor commits itself in writing at the time it submits its October 1 schedule to guarantee payment of the cost of power required

in the judgment of the State to furnish surplus water to it, the contractor shall have a prior right to have such power utilized for furnishing surplus water otherwise available to it pursuant to this article at a cost no higher than that which the State is obligated to pay at the time it orders such power, but it shall have no greater right or priority to receive surplus water. A contractor's commitment may be for any part of the six-year period of its schedule, and the contractor will become bound by such commitment and become entitled to the prior right provided for in the preceding sentence only when the State, after consultation with the contractor, notifies the contractor in writing that it has ordered power based on the contractor's commitment.

(e) Rates.

(1) Surplus water (except further surplus water as described in subdivision (e)(4) of this article) shall be furnished to a contractor for agricultural use and for ground water replenishment use at rates which will return to the State all power costs as defined in subdivision (f) of this article and all incremental operation, maintenance, and replacement costs, and any other incremental costs, incurred in the conservation and transportation of such surplus water as determined by the State, which rates shall include an administrative charge to be determined by the State for each acre-foot of surplus water scheduled for delivery during the year. The amount of such administrative charge shall be credited to general operating costs of the System prior to the allocation of such costs. Incremental costs shall mean those costs which would not be incurred if surplus water were not scheduled for or delivered to the contractor.

(2) Surplus water furnished to a contractor for purposes other than agricultural use or ground water replenishment use shall be sold at rates determined on the same basis as those charged for surplus water for agricultural use and for ground water replenishment use plus an amount equal to one-half of the current Delta water rate.

(3) Surplus water furnished to a noncontractor shall be at rates, as determined by the State, which will return to the State not less than the charges specified for a contractor for surplus water for agricultural use and for ground water replenishment use plus an amount equal to the current Delta water rate plus an appropriate share of the capital and the minimum operation, maintenance, power and replacement costs of the transportation facilities of the System utilized in conveying such surplus water to the noncontractor.

(4) To the extent that the combined volume of entitlement water and surplus water furnished to a contractor in any year for agricultural use and for ground water replenishment use exceeds 150 percent of such contractor's maximum annual entitlement, such further surplus water shall be sold to the contractor at a rate equal to the rate for surplus water sold for agricultural use and for ground water replenishment use specified in subdivision (e)(1) of this article plus an amount equal to one-quarter of the current Delta water rate.

For years prior to 1990, notwithstanding the provisions of the preceding sentence, an amount up to 3,000 acre-feet of further surplus water may be delivered in any year at the charges provided for in subdivisions (e)(1) and (2) of this

article to any contractor which, under Table A of its contract, is scheduled to receive its maximum annual entitlement prior to 1978 and every year thereafter.

(5) Any revenues in excess of operation, maintenance, power and replacement costs and the administrative charge derived from sales of surplus water shall be credited as follows: The Delta water rate or portion thereof paid in accordance with subdivisions (e)(2), (e)(3), or (e)(4) of this article shall be credited to the cost of project conservation facilities, and the balance of such excess revenues, if any, shall be apportioned and credited, as appropriate, to the capital and to the minimum operation, maintenance, power and replacement costs of reaches of the transportation facilities of the System utilized for conveying such water to the purchasers.

(6) The rates and charges for surplus water shall be subject to redetermination by the State to reflect actual costs incurred and the difference shall be promptly credited or debited to the contractor that purchased such surplus water.

(f) Power Costs. Power costs for pumping surplus water shall consist of the cost of capacity, energy and additional transmission service required for the delivery of surplus water, including but not limited to the following:

(1) To the extent utilized for pumping surplus water:

(1) The cost of power purchased for pumping entitlement water,

(11) The value of project recovery plant generation scheduled for pumping entitlement water, and

(iii) The value of project recovery plant generation not scheduled for pumping entitlement water; and

(2) Power purchased specifically for pumping surplus water including power ordered pursuant to subdivision (d) of this article.

The cost and value of power in (1)(i) and (ii) of this subdivision shall be credited to the pumping plant power cost attributable to annual entitlement water; the value of power in (1)(iii) that is generated by entitlement water shall be added to the net value of power attributable to such entitlement water; and the value of power in (1)(iii) that is generated by surplus water shall be credited to the costs incurred in pumping such surplus water.

The State shall determine the cost of power for pumping surplus water so that sufficient revenue will be available to the State to cover both the cost of purchased power and the value of recovery plant generation.

(g) Restrictions on Deliveries.

(1) In providing for the delivery of surplus water pursuant to this article, the State shall refuse to deliver such surplus water to any contractor or noncontractor to the extent that the State determines that such delivery would tend to encourage the development of an economy within the area served by such contractor or noncontractor which would be dependent upon the sustained delivery of surplus water.

(2) Surplus water shall not be scheduled to a contractor in a year unless an amount of project water equal to its annual entitlement set forth for that year in Table A of its

contract (disregarding any amendments reducing such Table A executed after July 1, 1974) is first scheduled and unless all of its deferred entitlements are first scheduled: Provided, That at the request of the contractor surplus water may be scheduled in lieu of deferred entitlements and the right to receive such deferred entitlements shall be reduced accordingly. If at the end of any year delivery of scheduled surplus water has prevented any annual entitlement or deferred entitlement from being delivered during that year, then for the purpose of charging for water delivered, deliveries during the year shall be considered first as annual entitlement water to the extent of the annual entitlement, and the balance as deferred entitlement or surplus water in accordance with the option of the contractor previously exercised pursuant to the first sentence of this subdivision.

(3) Before a contractor can receive surplus water under its contract in an amount greater than its annual entitlement for the year as shown in its Table A, it shall first increase its annual entitlement for such year to an amount equivalent to the surplus water scheduled, but it shall not be required to increase its annual entitlement to an amount in excess of 75 percent of its maximum annual entitlement.

(4) The State shall not sell surplus water to a contractor or noncontractor for use directly or indirectly within the boundaries of any other contractor without the written consent of such other contractor, nor shall the State authorize any contractor to supply surplus water for use outside such contractor's boundaries and within the boundaries of any other contractor without the written consent of such other contractor: Provided, That where

a contractor's boundaries include an area within the boundaries of another contractor, only the written consent of the contractor that serves the overlapping area with water under its annual entitlements need be obtained.

(h) Water from Nontributary Source. The provisions of this subdivision shall be applicable only to a contractor to which the delivery of project water for municipal use as of 1990 is estimated by the State to be in excess of 50 percent of such contractor's maximum annual entitlement. For the purpose of fixing such contractor's right to delivery of surplus water, water from a watershed not tributary to the contractor's area which is delivered within the contractor's boundaries for agricultural or ground water replenishment use shall be deemed to be part of the contractor's annual entitlement delivered for such use in computing the quantity of surplus water to which the contractor is entitled under this article: Provided, That the contractor shall not be deemed to have used more than its annual entitlement, as set forth in Table A, for such use. Surplus water shall be deemed to be used by the contractor for agricultural or ground water replenishment use if an equal quantity of water imported from a watershed not tributary to the contractor's area is delivered within the contractor's boundaries for such use.

(i) Determination of Use. For the purpose of computing the portion of the surplus water to which each contractor is entitled, the State shall determine the quantities of annual entitlement used for agricultural use and for ground water replenishment use and for other uses by each contractor in each year: Provided, That each contractor shall furnish certified copies of such records

and data concerning the use of water within its boundaries as the State may request.

(j) Contracts.

(1) To obtain a supply of surplus water, any contractor or noncontractor shall execute a further contract with the State which shall be in conformity with this article and will include at least the following: Further provisions concerning the scheduling of surplus water and provisions as to times and methods of payment.

(2) The State shall not contract to sell surplus water to noncontractors for periods in excess of five years.

IN WITNESS WHEREOF, the parties hereto have executed this contract amendment as of the date first above written.

Approved as to legal form  
and sufficiency:

STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES

By *R. A. Turner*  
Chief Counsel  
Department of Water Resources

By *John R. Terian*  
Director

ANTELOPE VALLEY-EAST KERN  
WATER AGENCY

By *Alfred E. Shelton*  
(Title) *Pres*

AMENDMENT NO. 11 TO ANTELOPE VALLEY-EAST KERN WATER AGENCY  
LONG TERM WATER CONTRACT  
WAS NEVER EXECUTED

THE RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES

639 5/131

AMENDMENT NO. 12 TO WATER SUPPLY CONTRACT  
BETWEEN THE STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES AND  
ANTELOPE VALLEY-EAST KERN WATER AGENCY

THIS CONTRACT, made this 8<sup>th</sup> day of February, 1980,  
pursuant to the provisions of the California Water Resources  
Development Bond Act, the State Central Valley Project Act, and  
other applicable laws of the State of California, between the  
State of California, acting by and through its Department of Water  
Resources, herein referred to as the "State", and Antelope Valley-  
East Kern Water Agency, herein referred to as the "Agency";

WHEREAS, the State and the Agency have entered into and  
subsequently amended a water supply contract providing that the  
State will supply certain quantities of water to the Agency, and  
providing that the Agency shall make certain payments to the  
State, and setting forth the terms and conditions of such supply  
and such payment; and

WHEREAS, the State and the Agency desire to make certain  
changes and additions to such contract, while otherwise continuing  
the contract in full force and effect;

NOW, THEREFORE, it is mutually agreed that the following  
changes and additions are hereby made to the Agency's water  
supply contract with the State;

1. Subdivision t of Article 1 of the Agency's Water  
Supply Contract with the State is amended to read as follows:

(t) Project Repayment Period

"Project repayment period" shall mean that period of years commencing on January 1, 1961, and extending until December 31, 2035; Provided, that whenever construction of any project facilities is financed by a bond issue with maturity dates later than December 31, 2035, whether the bonds are issued pursuant to the Bond Act or other authority, repayment of the costs of such facilities shall be extended to end on the date of the latest maturities of the bonds with which construction of such facilities is financed.

2. Article 2 of the Agency's Water Supply Contract with the State is amended to read as follows:

(2) Term of Contract

This contract shall become effective on the date first above written and shall remain in effect for the longest of the following:

1. The project repayment period
2. 75 years
3. The period ending with the latest maturity date of any bond issue used to finance the construction costs of project facilities.

IN WITNESS WHEREOF, the parties hereto have executed  
this contract amendment on the date first above written.

Approved as to legal form  
and sufficiency:

by P. A. Tourner  
Chief Counsel  
Department of Water Resources

STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES

by Arnold B. Perry  
Director

ANTELOPE VALLEY-EAST KERN  
WATER AGENCY

by Ralph R. Dutta  
Title Pres.

STATE OF CALIFORNIA  
THE RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES

1-32-54

AMENDMENT NO. 13 TO WATER SUPPLY CONTRACT  
BETWEEN THE STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES AND THE  
ANTELOPE VALLEY-EAST KERN WATER AGENCY

THIS CONTRACT, made this 1st day of December,  
1982, pursuant to the provisions of the California Water Resources  
Development Bond Act, the State Central Valley Project Act, and  
other applicable laws of the State of California, between the  
State of California, acting by and through its Department of Water  
Resources, herein referred to as the "State", and Antelope Valley-  
East Kern Water Agency, herein referred to as the "Agency";

WHEREAS, the State and the Agency have entered into and  
subsequently amended a water supply contract providing that the  
State will supply certain quantities of water to the Agency, and  
providing that the Agency shall make certain payments to the  
State, and setting forth the terms and conditions of such supply  
and such payment; and

WHEREAS, the State and the Agency desire to make certain  
changes and additions to such contract, while otherwise continuing  
the contract in full force and effect;

NOW, THEREFORE, it is mutually agreed that the following  
changes and additions are hereby made to the Agency's water supply  
contract with the State:

1. Article 1(e) is amended to read:

(e) Project Facilities

"Project facilities" shall mean those facilities of the system which will, in whole or in part, serve the purposes of this contract by conserving water and making it available for use in and above the Delta and for export from the Delta and from such additional facilities as are defined in Article 1(h)(2) herein, and by conveying water to the Agency. Said project facilities shall consist specifically of "project conservation facilities" and "project transportation facilities", as hereinafter defined.

2. Article 1(h) is amended to read:

(h) Additional Project Conservation Facilities

"Additional project conservation facilities" shall mean the following facilities and programs which will serve the purpose of preventing any reduction in the minimum project yield as hereinafter defined:

(1) Those project facilities specified in Section 12938 of the Water Code;

(2) Those facilities and programs described in (A), (B), (C), (D), and (E) below which, in the State's determination, are engineeringly feasible and capable of producing project water which is economically competitive with alternative new water supply sources, provided that, in the State's determination, the construction and operation of such facilities and programs will not interfere with the requested deliveries of annual entitlement to any contractor other than the sponsoring contractor, and will not result in any greater annual charges to any contractor other than the sponsoring contractor than would have occurred with the

construction at the same time of alternative new water supply sources which are either reservoirs located north of the Delta or off-Aqueduct storage reservoirs located south or west of the Delta designed to supply water to the California Aqueduct. The following facilities and programs shall hereinafter be referred to as "Local Projects":

(A) On-stream and off-stream surface storage reservoirs not provided for in Section 12938 of the Water Code, that will produce project water for the System for a period of time agreed to by the sponsoring contractor;

(B) Ground water storage facilities that will produce project water for the System for a period of time agreed to by the sponsoring contractor;

(C) Waste water reclamation facilities that will produce project water for the System for a period of time agreed to by the sponsoring contractor;

(D) Water and facilities for delivering water purchased by the State for the System for a period of time agreed to by the sponsoring contractor; provided that the economic test specified herein shall be applied to the cost of these facilities together with the cost of the purchased water; and

(E) Future water conservation programs and facilities that will reduce demands by the sponsoring contractor for project water from the System for a period of time agreed to by the sponsoring contractor and will thereby have the effect of increasing project water available in the Delta for distribution.

(3) Whether a Local Project described in (2) above shall be considered economically competitive shall be determined by the State by comparing, in an engineering and economic analysis, such Local Project with alternative new water supply sources which are either reservoirs located north of the Delta or off-Aqueduct storage reservoirs located south or west of the Delta designed to supply water to the California Aqueduct. The analysis for such alternative new water supply sources shall use the average cost per acre-foot of yield in the latest studies made for such sources by the State and shall compare those facilities with the proposed Local Project using commonly accepted engineering economics. In the case of a Local Project to be funded in part by the State as part of the System and in part from other sources, the economic analysis specified herein shall be applied only to the portion to be funded by the State as part of the System.

(4) The Local Projects in (2) above shall not be constructed or implemented unless or until:

(A) The sponsoring contractor signs a written agreement with the State which:

(i) Contains the sponsoring contractor's approval of such facility or program.

(ii) Specifies the yield and the period of time during which the water from the Local Project shall constitute project water; and

(iii) Specifies the disposition of such Local Project or of the yield from such Local Project upon the expiration of such period of time; and

(B) All contractors within whose boundaries any portion of such Local Project is located, and who are not sponsoring contractors for such Local Project give their written approval of such Local Project.

(5) "Sponsoring contractor" as used in this Article 1(h) shall mean the contractor or contractors who either will receive the yield from facilities described in 2(A), (B), (C), or (D) above, or agree to reduce demands for project water from the System pursuant to 2(E) above.

(6) In the event of a shortage in water supply within the meaning of Article 18(a), the determination of whether to count, in whole or in part, the yield from facilities described in 2(A), (B), (C), or (D) above, or the reduced demand from future conservation programs described in 2(E) above in the allocation of deficiencies among contractors will be based on a project-by-project evaluation taking into consideration such factors as any limitation on the use of the water from such facilities and whether the sponsoring contractor has access to project water from the Delta as an alternate to such facilities.

3. Article 1(i)(2) is amended to read:

(2) Facilities for the generation and transmission of electrical energy of the following types:

(A) Hydroelectric generating and transmission facilities, whose operation is dependent on the transportation of project water, or on releases to channels downstream of project facilities defined under (1) above. Such facilities shall be called "project aqueduct power recovery plants."

(B) All other generating and associated transmission facilities, except those dependent on water from project conservation facilities, for the generation of power. These facilities shall be called "off-aqueduct power facilities" and shall consist of the State's interest in the Reid-Gardner and any other generating and associated transmission facilities, constructed or financed in whole or in part by the State, which are economically competitive with alternative power supply sources as determined by the State.

4. Article 1(r) is amended to read:

(r) Project Interest Rate

"Project interest rate" shall mean the weighted average interest rate of (1) through (6) below computed by dividing (i) the total interest cost required to be paid or credited by the State during the life of the indebtedness or advance by (ii) the total of the products of the various principal amounts and the respective terms in years of all such amounts:

(1) general obligation bonds issued by the State under the Bond Act,

(2) revenue bonds issued by the State under the Central Valley Project Act after May 1, 1969,

(3) bonds issued by the State under any other authority granted by the Legislature or the voters,

(4) bonds issued by any agency, district, political subdivision, public corporation, or nonprofit corporation of this State,

(5) funds advanced by any contractor without the actual incurring of bonded debt therefor, for which the net interest cost and terms shall be those which would have resulted if the contractor had sold bonds for the purpose of funding the advance, as determined by the State, and

(6) funds borrowed from the General Fund or other funds in the Treasury of the State of California, for which the total interest cost shall be computed at the interest rate earned over the period of such borrowing by moneys in the Pooled Money Investment Account of such Treasury invested in securities, .

to the extent the proceeds of any such bonds, advances or loans are for construction of the State Water Facilities defined in Section 12934(d) of the Water Code, the additional project conservation facilities, and the supplemental conservation facilities, (except off-aqueduct power facilities and advances for delivery structures, measuring devices and excess capacity) and without regard to any premiums received on the sale of bonds under item (1) above. The "project interest rate" shall be computed as a decimal fraction to five places.

5. Subdivision (h) is added to Article 22 to read:

(h) The determination of the rate for water under the Delta Water Charge shall be made by including the appropriate costs and quantities of water, calculated in accordance with subdivisions (c), (d) and (e) above, for all additional project conservation facilities as defined in Article 1(h) hereinabove. In the event a Local Project as defined in Article 1(h)(2) will,

pursuant to written agreement between the State and the sponsoring contractor, be considered and treated as an additional project conservation facility for less than the estimated life of the facility, the rate under the Delta Water Charge will be determined on the basis of that portion of the appropriate cost and water supply associated with such facility as the period of time during which such facility shall be considered as an additional project conservation facility bears to the estimated life of such facility. No costs for the construction or implementation of any Local Project are to be included in the Delta Water Charge unless and until the written agreement required by Article 1(h) has been entered into.

6. Subdivision (i) is added to Article 22 to read:

(i) In calculating the rate for project water to be paid by each contractor for the Delta Water Charge under subdivisions (c), (d) and (e) above, the component for operation, maintenance, power and replacement costs shall include, but not be limited to, all costs to the State incurred in purchasing water, which is competitive with alternative sources as determined by the State, for delivery as project water.

7. Subdivision (f) is added to Article 24 to read:

(f) The capital costs of project aqueduct power recovery plants shall be charged and allocated in accordance with this Article 24. The capital costs of off-aqueduct power facilities shall be charged and allocated in accordance with Article 25(d).

8. Subdivision (d) is added to Article 25 to read:

(d) Notwithstanding the provisions of subdivisions (a) and (b) of this article, or of Article 1(s), the costs of off-aqueduct power facilities shall be determined and allocated as follows:

(1) The off-aqueduct power costs shall include all annual costs the State incurs for any off-aqueduct power facility, which shall include, but not be limited to, power purchases, any annual principal and interest payments on funds borrowed by or advanced to the State, annual principal and interest on bonds issued by the State or other agency, or under revenue bond financing contracts, any requirements for coverage, deposits to reserves, and associated operation and maintenance costs of such facility, less any credits, interest earnings, or other monies received by the State in connection with such facility. In the event the State finances all or any part of an off-aqueduct power facility directly from funds other than bonds or borrowed funds, in lieu of such annual principal and interest payments, the repayment of capital costs as to that part financed by such other funds shall be determined on the basis of the schedule that would have been required under Article 24.

(2) The annual costs of off-aqueduct power facilities as computed in (1) above shall initially be allocated among contractors in amounts which bear the same proportions to the total amount of such power costs that the total estimated electrical energy (kilowatt hours) required to pump through project transportation facilities the desired delivery amounts of annual entitlements for that year, as submitted pursuant to

Article 12(a)(1) and as may be modified by the State pursuant to Article 12(a)(2), bears to the total estimated electrical energy (kilowatt hours) required to pump all such amounts for all contractors through project transportation facilities for that year, all as determined by the State.

(3) An interim adjustment in the allocation of the power costs calculated in accordance with (2) above, may be made in May of each year based on April revisions in approved schedules of deliveries of annual entitlement for such year. A further adjustment shall be made in the following year based on actual deliveries of annual entitlement; provided, however, in the event no deliveries are made through a pumping plant, the adjustments shall not be made for that year at that plant.

(4) To the extent the monies received or to be received by the State from all contractors for off-aqueduct power costs in any year are determined by the State to be less than the amount required to pay the off-aqueduct power costs in such year, the State may allocate and charge that amount of off-aqueduct power costs to the Agency and other contractors in the same manner as costs under the capital cost component of the Transportation Charge are allocated and charged. After that amount has been so allocated, charged and collected, the State shall provide a reallocation of the amounts allocated pursuant to this paragraph (4), such reallocation to be based on the allocations made pursuant to (2) and (3) above for that year, or in the event no such allocation was made for that year, on the last previous allocation made pursuant to (2) and (3) above. Any such

reallocation shall include appropriate interest at the project interest rate.

9. Subdivision (e) is added to Article 25 to read:

(e) The total minimum operation, maintenance, power and replacement component due that year from each contractor shall be the sum of the allocations made under the proportionate use of facilities method provided in subdivision (b) of this article and the allocations made pursuant to subdivision (d) of this article for each contractor.

10. Subdivision (b) of Article 32 is amended to read:


(b) Interest on Overdue Payments

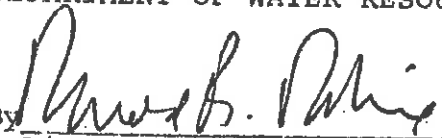
Upon every amount of money required to be paid by the Agency to the State pursuant to this contract which remains unpaid after it becomes due and payable, interest shall accrue at an annual rate equal to that earned by the Pooled Money Investment Fund, as provided in Government Code Sections 16480, et seq. calculated monthly on the amount of such delinquent payment from and after the due date until it is paid, and the Agency hereby agrees to pay such interest: provided, that no interest shall be charged to or be paid by the Agency unless such delinquency continues for more than thirty (30) days.

IN WITNESS WHEREOF, the parties hereto have executed  
this contract amendment as of the date first above written.

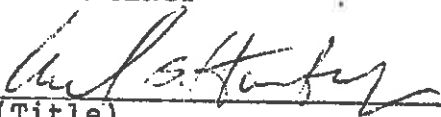
Approved as to legal form  
and sufficiency:

STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES

By   
Acting Chief Counsel  
Department of Water Resources

By   
Director

ANTELOPE VALLEY-EAST KERN  
WATER AGENCY

By   
(Title)

STATE OF CALIFORNIA  
THE RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES

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AMENDMENT NO. 14 TO WATER SUPPLY CONTRACT  
BETWEEN THE STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES AND THE  
ANTELOPE VALLEY-EAST KERN WATER AGENCY

THIS CONTRACT is made this 19th day of JANUARY, 1983, <sup>1984</sup> ~~1983~~  
pursuant to the provision of the California Water Resources Development Bond  
Act, the State Central Valley Project Act, and other applicable laws of the  
State of California, between the State of California, acting by and through its  
Department of Water Resources, herein referred to as the "State", and Antelope  
Valley-East Kern Water Agency, herein referred to as the "Agency".

WHEREAS, the State and the Agency have entered into and subsequently  
amended a water supply contract providing that the State will supply certain  
quantities of water to the Agency, and providing that the Agency shall make  
certain payments to the State, and setting forth the terms and conditions of  
such supply and such payment; and

WHEREAS, the annual entitlement for the twelfth year (1983) of water  
deliveries under the Agency's contract is 87,700 acre-feet; and

WHEREAS, the Agency has requested, under the provisions of Article  
7(a) of the Agency's contract, a reduction in Table A amounts for the five-year  
period 1984-1988 to their requested delivery amounts; and

WHEREAS, the Department has determined that approving the Agency's request would not impair the financial feasibility of the Project facilities;

NOW, THEREFORE, it is mutually agreed as follows:

Table A entitled, "Annual Entitlements, Antelope Valley-East Kern Water Agency" is amended to read as follows:

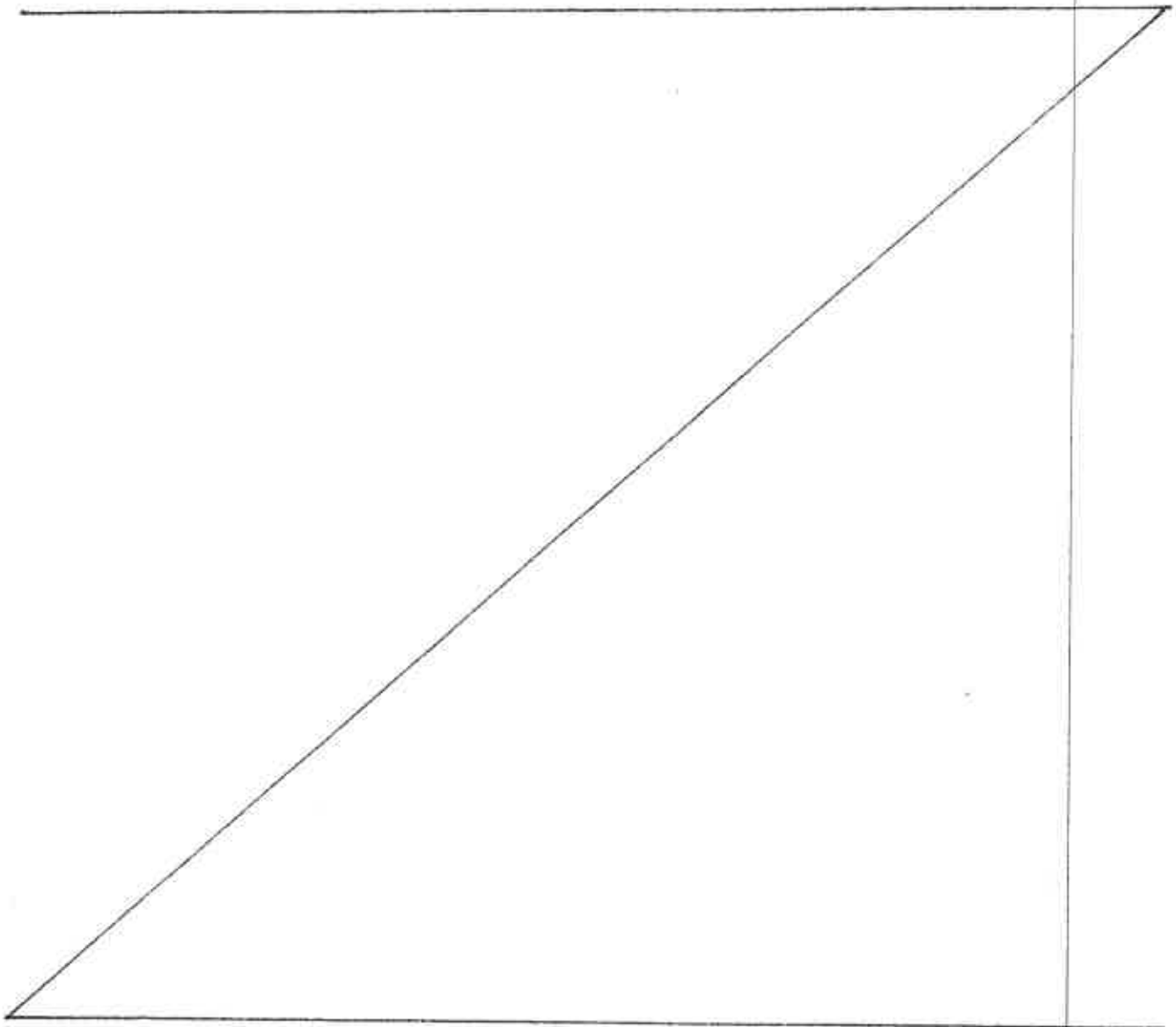


TABLE A  
ANNUAL ENTITLEMENTS  
ANTELOPE VALLEY-EAST KERN WATER AGENCY

Total Annual Amount	
<u>Year</u>	<u>In Acre-Feet</u>
1	20,000
2	25,000
3	30,000
4	35,000
5	44,000
6	50,000
7	57,000
8	63,000
9	69,200
10	75,000
11	81,300
12	87,700
13	35,000
14	40,000
15	42,000
16	44,000
17	46,000
18	125,700
19	132,100
20	138,400

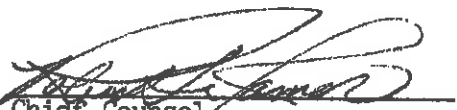
and each succeeding year thereafter,

for the term of this contract: 138,400

IN WITNESS WHEREOF, the parties hereto have executed this contract amendment as of the date first above written.


Approved as to legal form  
and sufficiency:

STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES

By   
Acting Chief Counsel  
Department of Water Resources

By   
Director

ANTELOPE VALLEY-EAST KERN WATER AGENCY

By   
(TITLE)  
PRESIDENT