COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

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P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

IN REPLY PLEASE
REFER TO FILE: W-0

April 21, 2005

The Honorable Board of Supervisors
County of Los Angeles
383 Kenneth Hahn Hall of Administration
500 West Temple Street
Los Angeles, CA 90012

Dear Supervisors:

PUBLIC HEARING FOR PROPOSED INCREASES IN EXISTING WATER SUPPLY CHARGES AND FOR THE ESTABLISHMENT OF A NEW WATER SUPPLY RELIABILITY CHARGE FOR LOS ANGELES COUNTY WATERWORKS DISTRICT NO. 40, ANTELOPE VALLEY
SUPERVISORIAL DISTRICT 5
3 VOTES

IT IS RECOMMENDED, AFTER THE PUBLIC HEARING, THAT YOUR BOARD AS THE GOVERNING BODY OF THE LOS ANGELES COUNTY WATERWORKS DISTRICT NO. 40, ANTELOPE VALLEY (DISTRICT):

1. Find that the purpose of the increases in existing Water Supply Charges and adoption of a new Water Supply Reliability Charge by the District are to fund capital projects and firm up water supplies necessary to maintain water service within the District's existing service areas and are statutorily exempt under the California Environmental Quality Act (CEQA) pursuant to Section 21080(b)(8) of the Public Resources Code and Section 15273(a)(4) of the CEQA Guidelines.

2. Adopt the enclosed Resolution (Attachment A) approving the proposed increases in existing Water Supply Charges and adopting a new Water Supply Reliability Charge, set forth in the Resolution, that are charged as a condition of new connections to the water system within the District.

3. Adopt the amendments to the District's Rules and Regulations (Attachment B) to reflect the above-referenced increases in the existing Water Supply Charges and adoption of the new Water Supply Reliability Charge.

4. Instruct the Director of Public Works or his designee to review the above charges before January 1 of every year and make a recommendation to your Board to adjust these charges accordingly.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

The purpose of this action is to increase the District's existing Water Supply Charges by 74 percent to fund needed water system improvements and to establish a new Water Supply Reliability Charge to firm up the District's water supplies.

The existing Water Supply Charges have not been increased since 1986. Based on our cost study, the current Water Supply Charges are inadequate to offset the costs of the necessary infrastructure to provide new water services. The increased charges will provide the capital needed to finance the costs of additional water facilities. The District is proposing that your Board adopt the enclosed Resolution (Attachment A) to amend the Rules and Regulations of the District to increase the existing Water Supply Charges and make these Charges applicable to all areas of the District, including those areas within District 40 where the Charges did not previously apply, and to impose a new Water Supply Reliability Charge as set forth in Attachment B.

The District proposes to increase the existing charges by 74 percent based on the combined increases in the Construction Cost Index for the Los Angeles Region and the cost of labor to the District from 1986 to present. The 74 percent increase is specific to water facility construction projects and actual project construction costs of water system facilities. Public Works' Financial Management Branch has reviewed and concurs with the proposed rate increases.

The existing and the proposed Water Supply Charges are as follows:

Existing Water Supply Charges	Existing Charges	Proposed Charges
Local System Improvement (Frontage) Charge (per foot of benefited frontage)	$14.61 - $73.65	$25.42 - $128.15
Capital Improvement (Acreage) Charge (per acre of benefited area)	$1,267 - $1,897	$2,205 - $3,301
Capital Improvement (Tank Capacity Unit) Charge (per tank capacity unit)	$480	$835
Water Meter Application and Processing Charge (per meter)	$339 - $687	$590 - $1,195

The District is the largest municipal supplier of potable water in the Antelope Valley, serving in excess of 48,000 customers. The District derives its water from two sources: 1) groundwater wells that extract water from the Antelope Valley basin; and 2) through purchases of imported water from the Antelope Valley-East Kern Water Agency (AVEK).

The Antelope Valley groundwater basin is overdrafted and the ultimate adjudication of the basin has not been determined. AVEK has reported that the State Water Project is an unreliable water source because, depending on mainly climatic and water management factors, AVEK cannot guarantee that it can supply the needs of the District in any given year.

Recycled water is one of the integrated water resource components needed to firm up the Antelope Valley's water supplies. Due to the limited and unreliable water supplies that are currently available, recycled water is a local resource that must be developed to meet the projected increased water demands and to improve water supply reliability.

Because the imported water supply from the State Water Project provided by AVEK has been deemed unreliable, and the local groundwater supplies are limited, there is a need to firm up the District's water supplies in accordance with recently enacted State legislation. Therefore, the District is proposing a new Water Supply Reliability Charge for new development consisting of: 1) a Water Banking Fee, $1,500 per billing unit; 2) a Groundwater Supply Fee, $3,000 per billing unit; and 3) a Recycled Water Fee, $1,200 per billing unit. This Charge is based on our cost analysis and peer-review by a third-party consultant.

The purpose of the Water Banking Fee is to establish a water-banking program to store water in groundwater basins that would allow the District to provide its customers with reliable water supplies during emergencies or dry periods.

The purpose of the Groundwater Supply Fee is for the construction of wells and associated facilities that may be used for the injection of treated surface water or the extraction of local groundwater when needed. New development requesting water service from the District shall receive credit for up to $3,000 per billing unit to offset the Groundwater Supply Fee for the construction of eligible wells and associated facilities as determined by the District Engineer.

The purpose of the Recycled Water Fee is to establish a recycled water program that will increase the reliability of the District's water supplies by decreasing reliance on imported water and local groundwater supplies. Under the Urban Water Management Planning Act, urban water suppliers shall be required to develop water management plans to actively pursue the efficient use of urban water supplies. In addition, the Act requires the District to optimize the use of recycled water in the District's service area, including actions to facilitate the installation of dual distribution systems, to facilitate the increased use of treated wastewater that meets recycled water standards, and to overcome obstacles to achieving that increased use. The Act also authorizes urban water suppliers such as the District to recover the costs incurred in implementing reasonable measures in the plan.

Although the District has been able to meet the water demands of current customers, it will be unable to meet projected demand for new water connections. Because water charges for existing customers have been sufficient to pay their fair share of water system infrastructure and supplies, future applications for water service must include the new Water Supply Reliability Charge in order for the District to meet its water service obligations for the new development. The new Water Supply Reliability Charge is required in order for the District to provide reliable water sources for new development requesting water service from the District without impacting existing customers.

The three Fees that comprise the new Water Supply Reliability Charge will be collected in full, as applicable, prior to issuance of a Will-Serve Letter, as defined in the District's Rules and Regulations. The Water Supply Charges will be collected prior to issuance of metered water service.

On November 22 and 23, 2004, we held community meetings in the Antelope Valley to discuss, among other things, the proposed increases to the existing Water Supply

Charges and the new Water Supply Reliability Charge. A total of 56 people signed the meeting attendance rosters. Public Works also informed the Building Industry Association in the Antelope Valley of the increase in Water Supply Charges and the new Water Supply Reliability Charge. We have received no oral or written opposition to the proposed increases in existing Water Supply Charges and the adoption of the new Water Supply Reliability Charge.

Before January 1 of every year, the Director of Public Works or his designee will review the Water Supply Charges and the Water Supply Reliability Charge and make a recommendation to your Board to adjust these charges accordingly.

Implementation of Strategic Plan Goals

This action is consistent with the County Strategic Plan Goals of Fiscal Responsibility and Service Excellence. The additional funding will provide sufficient funds for the construction of needed capital improvement projects and provide water supply reliability for the District's customers.

FISCAL IMPACT/FINANCING

There will be no impact to the County's General Fund.

The increases in existing Water Supply Charges and the new Water Supply Reliability Charge will generate additional revenues for the District's General Fund N63 and the Accumulative Capital Outlay Fund N64.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

Your Board is authorized to increase the existing Water Supply Charges and to adopt a new Water Supply Reliability Charge pursuant to Section 55501 of the County Waterworks District Law, Water Code Sections 55000, et. seq. Adoption of the enclosed Resolution will revise the District's Rules and Regulations, which your Board adopted pursuant to Section 55333 of the County Waterworks District Law, to accomplish the increase in the existing Water Supply Charges and to adopt the new Water Supply Reliability Charge.

Under Government Code Section 66013, the existing Water Supply Charges and the new Water Supply Reliability Charge are referred to as either "capacity charges" or fees for "water connection" (collectively referred to herein-below as Capacity Charges).

Under Government Code Sections 66013 and 66016, without voter approval, the Capacity Charges being proposed to be increased and/or adopted cannot exceed the estimated reasonable cost of providing the service for which they are imposed. Therefore, in compliance with Government Code Section 66013, the District established the amount of the increase in the existing and new Capacity Charges so as to not exceed the estimated reasonable cost of providing the service for which the fees are imposed.

Consistent with the requirements of Section 66016 of the Government Code, the increased and new Capacity Charges may only be ordered after a public hearing. Government Code Sections 66018 and 6062a also require that notice of the hearing be mailed to all interested parties who file a written request for such and that the notice be published two times in a newspaper of general circulation within a 10-day period with at least five intervening days. County Counsel has reviewed the proposed Resolution and the enclosed Notice of Public Hearing and approved them as to form.

Also consistent with the requirements of Government Code Section 66016, the District is making available to the public 10 days prior to the public hearing the data indicating the amount of estimated costs required to provide the services for which the Capacity Charges are levied and the revenue sources anticipated to provide the services, including general fund revenues, if any. No monies from the County's General Fund are currently anticipated to be used to provide said services.

ENVIRONMENTAL DOCUMENTATION

These actions and the proposed Resolution amending the District's Rules and Regulations are for the purpose of funding water system capital projects necessary to maintain service within existing service areas and are, therefore, exempt from CEQA pursuant to Section 21080(b)(8) of the Public Resources Code and Section 15273(a)(4) of the CEQA Guidelines. When the exact location and physical parameters are determined for the water system capital projects contemplated by these fees, additional environmental documentation will be prepared, as appropriate, for each said individual project.

IMPACT ON CURRENT SERVICES (OR PROJECTS)

There will be no impact on current County services or projects as a result of this action.

CONCLUSION

Upon approval, please return one adopted copy of this letter and the enclosed Resolution to Public Works, Waterworks and Sewer Maintenance Division.

Respectfully submitted,

DONALD L. WOLFE
Acting Director of Public Works

GE:ag
BDL2182

Enc.

cc: Chief Administrative Office
County Counsel

ATTACHMENT A

A RESOLUTION OF THE BOARD OF SUPERVISORS OF THE COUNTY OF LOS ANGELES, CALIFORNIA, APPROVING PROPOSED INCREASES IN EXISTING WATER SUPPLY CHARGES AND FOR THE ESTABLISHMENT OF A NEW WATER SUPPLY RELIABILITY CHARGE FOR LOS ANGELES COUNTY WATERWORKS DISTRICT NO. 40, ANTELOPE VALLEY (DISTRICT)

WHEREAS, the District collects Water Supply Charges (as defined in the District's Rules and Regulations) as a condition of providing new water service; and

WHEREAS, the District uses these Water Supply Charges to fund its costs to install water system capital improvement projects to serve the water needs of its customers within the District's existing service areas; and

WHEREAS, the District's water supplies are limited, and new sources of water must be developed for the District to be able to provide reliable water service to meet the projected water demands for its customers within the District's existing service areas; and

WHEREAS, the District's existing Water Supply Charges have not been increased since 1986; and

WHEREAS, the County of Los Angeles Department of Public Works (Public Works) has conducted an analysis on behalf of the District that shows that the existing Water Supply Charges imposed under the District's Rules and Regulations must be increased to help offset the District's estimated costs of new water meter installation and processing and of completing new capital improvement projects; and

WHEREAS, the District is proposing to amend the District's Rules and Regulations to increase existing Water Supply Charges and establish a new Water Supply Reliability Charge as set forth herein; and

WHEREAS, the District's Local System Improvement (Frontage) Charge under the District's Rules and Regulations is proposed to be increased from the current range of $14.61-$73.65 per foot of benefited frontage to a new range of $25.42-$128.15 per foot of benefited frontage; and

WHEREAS, the District's Capital Improvement (Acreage) Charge under the District's Rules and Regulations is proposed to be increased from the current range of $1,267-$1,897 per acre of benefited area to a new range of $2,205-$3,301 per acre of benefited area; and

WHEREAS, the District's Capital Improvement (Tank Capacity Unit) Charge therefore is proposed to be increased from $480 to $835 per "tank capacity unit." For example, a single-family residence with a 3/4-inch meter and a 1,250 gallons per minute fire flow requirement is calculated to require 2.5 Tank Capacity Units as reflected in the District's Rules and Regulations; and

WHEREAS, the District's Service Connection and Water Meter Installation and Processing Charge under the District's Rules and Regulations is proposed to be increased from the current range of $339-$687 per meter to a new range of $590-$1,195 per metered water service connection; and

WHEREAS, because the District's existing customers paid for the District's current water system infrastructure and water supplies, new development requesting water service from the District must pay the new Water Supply Reliability Charge in order for the District to be able to meet its water service obligations for this new development; and

WHEREAS, The District proposes to amend the Rules and Regulations of the District to also adopt a new Water Supply Reliability Charge for the purpose of firming up the District's water supplies for new development requesting water service from the District without impacting existing customers; and

WHEREAS, This new Water Supply Reliability Charge will consist of three fees as follows: 1) a Water Banking Fee for storing water from the California State Water Project or any other source for use during dry years, $1,500 per billing unit; 2) a Groundwater Supply Fee for developing groundwater wells, $3,000 per billing unit; and 3) a Recycled Water Fee for the use of tertiary treated effluent from the County Sanitation Districts of Los Angeles County's water reclamation plants, $1,200 per billing unit. For example, a billing unit is equivalent to a 3/4-inch meter or smaller, which serves a typical single-family residence.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Supervisors of the County of Los Angeles, as the governing body of the Los Angeles County Waterworks District No. 40, Antelope Valley, does hereby approve and adopt the amendments to the District's Rules and Regulations of the Los Angeles County Waterworks Districts (Attachment B), including the following actions:

1. Increase the District's Local System Improvement (Frontage) Charge as set forth in Attachment B.

2. Increase the District's Capital Improvement (Acreage) Charge as set forth in Attachment B.

3. Increase the District's Capital Improvement (Tank Capacity Unit) Charge as set forth in Attachment B.

4. Increase the District's Service Connection and Water Meter Installation and Processing Charge as set forth in Attachment B.

5. Institute a new "Water Banking Fee" for the District in the amount of $1,500 per billing unit as set forth in Attachment B.

6. Institute a new "Groundwater Supply Fee" for the District of $3,000 per billing unit as set forth in Attachment B.

7. Institute a new "Recycled Water Fee" for the District in the amount of $1,200 per billing unit as set forth in Attachment B.

8. Collect in full the three fees that comprise the new Water Supply Reliability Charge by the District, as applicable, prior to issuance of a Will-Serve Letter, as defined in the District's Rules and Regulations, and collect the Water Supply Charges prior to issuance of metered water service.

9. Allow entities or individuals who complete eligible wells and associated facilities to the satisfaction of the District to receive a credit of up to $3,000 per billing unit to offset the Groundwater Supply Fee.

10. Require that the Director of Public Works or his designee review the District's Water Supply Charges and the new Water Supply Reliability Charge before January 1 of every year and make a recommendation to the Board of Supervisors to adjust these charges accordingly, on an as-needed basis.

The foregoing Resolution was on the ____ day of ____, 2005, adopted by the Board of Supervisors of the County of Los Angeles as the governing body of the Los Angeles County Waterworks District No. 40, Antelope Valley.

VIOLET VARONA-LUKENS
Executive Officer of the
Board of Supervisors of
the County of Los Angeles

By _____
Deputy

APPROVED AS TO FORM:

RAYMOND G. FORTNER, JR.
County Counsel

By _____
Deputy

INSTRUCTION SHEET FOR PUBLISHING
LEGAL ADVERTISEMENTS

TO: Executive Officer
Board of Supervisors
County of Los Angeles

FROM: Department of Public Works
Waterworks and Sewer Maintenance Division

NOTICE OF PUBLIC HEARING
FOR PROPOSED INCREASES IN EXISTING WATER SUPPLY CHARGES AND FOR THE ESTABLISHMENT OF A NEW WATER SUPPLY RELIABILITY CHARGE FOR LOS ANGELES COUNTY WATERWORKS DISTRICT NO. 40, ANTELOPE VALLEY

Publishing

That the Executive Officer of the Board of Supervisors shall cause notice of the public hearing, in the form and manner specified in Section 66018 of the Government Code, to be published once a week for two consecutive weeks in the Antelope Valley Press, a newspaper published and circulated in the County of Los Angeles, which is hereby designated for that purpose, such publication to be completed not less than 10 days prior to the date of said public hearing. Notice of the time and place of the meeting, including a general explanation of the matter to be considered, shall be mailed at least 14 days prior to the meeting to any interested party who files a written request with the local agency for mailed notice of the meeting. A cost analysis for the proposed increase in existing fees and new fees will be made available 10 days prior to the date of the public hearing.

Forward five reprints of the attached advertisement to the County of Los Angeles Department of Public Works, Waterworks and Sewer Maintenance Division, P.O. Box 1460, Alhambra, California 91802-1460.

Should there be any questions regarding this matter, please contact Mr. Manuel del Real, of this office, at (626) 300-3300, Monday through Thursday, 7 a.m. to 5:45 p.m.

NOTICE OF PUBLIC HEARING FOR PROPOSED INCREASES IN EXISTING WATER SUPPLY CHARGES AND FOR THE ESTABLISHMENT OF A NEW WATER SUPPLY RELIABILITY CHARGE FOR LOS ANGELES COUNTY WATERWORKS DISTRICT NO. 40, ANTELOPE VALLEY

The Los Angeles County Board of Supervisors, as the governing Board of the Los Angeles County Waterworks District No. 40, Antelope Valley (District), will hold a public hearing on May 24, 2005, at 9:30 a.m., in the Hearing Room of the Board of Supervisors, Room 381, Kenneth Hahn Hall of Administration, 500 West Temple Street (corner of Temple Street and Grand Avenue), Los Angeles, California 90012, in the matter of amending the Rules and Regulations of the District to adopt the proposed increase in existing Water Supply Charges and the establishment of a new Water Supply Reliability Charge as a condition of providing new water service.

The District collects Water Supply Charges for the purpose of constructing necessary water system improvements within the District's existing service areas. The current Water Supply Charges have not been increased since 1986.

The purpose of the proposed amendments to the District's Rules and Regulations is to increase the existing Water Supply Charges and make these Charges applicable to all areas of the District, including those areas within District 40 where the Charges did not previously apply, and to establish a new Water Supply Reliability Charge to enable the District to fund capital improvement projects and increase the reliability of the District's water supplies.

Based on a cost study prepared by the staff of the County of Los Angeles Department of Public Works, current Water Supply Charges are not adequate to offset costs for the infrastructure needed to provide new water services. The new increased charges will provide the capital needed to finance the costs of additional water facilities.

The District's Local System Improvement (Frontage) Charge under the District's Rules and Regulations is proposed to be increased from the current range of $14.61-$73.65 per foot of benefited frontage to a new range of $25.42-$128.15 per foot of benefited frontage.

The District's Capital Improvement (Acreage) Charge under the District's Rules and Regulations is proposed to be increased from the current range of $1,267-$1,897 per acre of benefited area to a new range of $2,205-$3,301 per acre of benefited area.

The District's Capital Improvement (Tank Capacity Unit) Charge is proposed to be increased from $480 to $835 per "tank capacity unit." For example, a single-family residence with a 3/4-inch meter and a 1,250 gallons per minute fire flow requirement is calculated to require 2.5 Tank Capacity Units as reflected in the District's Rules and Regulations.

The District's Service Connection and Water Meter Installation and Processing Charge under the District's Rules and Regulations is proposed to be increased from the current range of $339-$687 per meter to a new range of $590-$1,195 per metered water service connection.

Because the imported water supply from the State Water Project provided by the Antelope Valley-East Kern Water Agency (AVEK) has been deemed unreliable and the local groundwater supplies are limited, there is a need to firm up the District's water supplies in accordance with recently enacted State legislation. Therefore, the District is proposing a new Water Supply Reliability Charge for new development requesting water service from the District consisting of: 1) a Water Banking Fee, $1,500 per billing unit; 2) a Groundwater Supply Fee, $3,000 per billing unit; and 3) a Recycled Water Fee, $1,200 per billing unit. This charge was based on our cost analysis and peer-review by a third-party consultant.

The purpose of the Water Banking Fee is to establish a water-banking program to store water in groundwater basins that would allow the District to provide its customers with reliable water supplies during emergencies or dry periods.

The purpose of the Groundwater Supply Fee is for the construction of wells and associated facilities that may be used for the injection of treated surface water or the extraction of local groundwater when needed. New development requesting water service from the District shall receive credit for up to $3,000 per billing unit to offset the Groundwater Supply Fee for the construction of eligible wells and associated facilities as determined by the District Engineer.

The purpose of the Recycled Water Fee is to establish a recycled water program that will increase the reliability of the District's water supplies by decreasing reliance on imported water and local groundwater supplies.

Because existing customers paid for the District's current water system infrastructure and water supplies, new development requesting water service from the District must pay the new Water Supply Reliability Charge in order for the District to be able to meet is water service obligations for new development. The new Water Supply Reliability Charge is required in order for the District to provide reliable water sources for new development requesting water service from the District without impacting existing customers.

In compliance with Government Code Section 66013, the District established the increase in existing Water Supply Charges and the amounts of the three components of the new Water Supply Reliability Charge so as to not exceed the estimated reasonable cost of providing the service for which the fees are imposed.

The District proposes for the Director of Public Works or his designee to review the Water Supply Charges and the new Water Supply Reliability Charge of the District

before January 1 of every year and make a recommendation for the District to adjust these Water Supply Charges, accordingly, on an as-needed basis.

Consistent with the requirements of Government Code Section 66016, the District is making available to the public, 10 days prior to the public hearing, the data indicating the amount of estimated costs required to provide the services for which the Water Supply Charges and the Water Supply Reliability Charge are levied and the revenue sources anticipated to provide the services, including general fund revenues, if any. In addition, the District is making available a full and complete copy of the proposed amendments to the Rules and Regulations of the District, containing detailed information to allow any new or prospective applicant for water service from the District to determine the applicable effect of an increase in existing Water Supply Charges or the adoption of a new Water Supply Reliability Charge. The information will be available 10 days prior to the date of the public hearing at Kenneth Hahn Hall of Administration, 500 West Temple Street (corner of Temple Street and Grand Avenue), Los Angeles, California 90012, Room 383, from 9:00 a.m. to 5 p.m.

The Board of Supervisors will consider and may approve these actions as recommended by the Acting Director of Public Works. Customers wishing to determine whether the new increased Charges will apply to their property can call (626) 300-3300.

Para mas informacion en relacion a esta noticia, favor de llamar al numero (626) 300-3300. Nuestras horas de oficina son de 7:00 a.m. a 5:45 p.m., de lunes a jueves.

ATTACHMENT B

AMENDMENTS TO THE RULES AND REGULATIONS OF THE LOS ANGELES COUNTY WATERWORKS DISTRICTS

SECTION 1. Rule 1-A-44 of Part 1 of the Rules and Regulations of the Los Angeles County Waterworks Districts is hereby amended as follows:

1-A-44 WATER SUPPLY CHARGES:

a. Capital Improvement (Acreage, Billing Unit, Tank Capacity Unit) Charges.
b. Local System Improvement (Frontage) Charges.
c. Service Connection and Water Meter Installation and Processing Charges.
d. Other Charges described herein related to the District providing water service to previously unserved premises or to premises in need of an increased level of water service.

<u>WATER SUPPLY RELIABILITY CHARGE (See Rule 4-A-1t):</u>

<u>a. Water Banking Fee</u>
<u>b. Groundwater Supply Fee</u>
<u>c. Recycled Water Fee</u>

SECTION 2. Rule 1-A-49 of Part 1 of the Rules and Regulations of the Los Angeles County Waterworks Districts is hereby amended as follows:

1-A-49 AREA PREVIOUSLY SERVED: <u>The Water Supply Reliability Charge shall apply to all lands within Waterworks District No. 40.</u> ~~The following shall apply in defining area previously served:~~

a. For those parcels of land where metered water service exists at <u>the</u> time the applicant applies for ~~additions to present~~ <u>upgraded</u> service and where there is *no* record of previous requirements for service, the applicant's property shall be exempt from applicable Capital Improvement (acreage) and Local System Improvement (frontage) charges of the District for that portion of the acreage and frontage areas previously provided with water service to the extent of the allowed existing land use (zoning) of said property.

   It will, however, be subject to those Capital Improvement Charges described as Tank Capacity Unit Charges and Billing Units Charges in those Districts where applicable.

b. For all new services or ~~additions to the present~~ <u>upgraded</u> service, or for redevelopment of previous or present services, which are now being applied for and where the existing water system improvements are

adequate to meet the requirements of the redevelopment for providing a higher or increased level or quantity of water service or water supply and where there is a record of how the previous requirement was set for an existing developed property, the applicant's property may be subject to additional Capital Improvement (acreage) and Local System Improvement (frontage) Charges of the District with an exemption made for the previous land-use level which may have been less than the presently existing allowed land use (zoning) of said property and also Capital Improvement (Tank Capacity Unit and Billing Unit) Charge in those Districts where this charge is applicable.

If for this case, the existing water system improvements are not adequate to meet the redevelopment of said property, the existing water system must be upgraded by the developer at the developer's expense and in addition to above, said property may also be credited for any offsite water mains and facilities installed by said developer. ~~except in Districts 4 and 34 where these credits have been modified. See Rule 1-I-2b.~~

c. Where the use of a previously served property has been changed by a zone change, zone exception or conditional use permit and the existing developed property is being redeveloped where the existing water system improvements are adequate to meet the requirements of the redevelopment for providing a higher or increased level or quantity of water service or water supply, the applicant's property may be subject to additional Capital Improvement (acreage) and Local System Improvement (frontage) Charges of the District with an exemption made for the previous land use level which may be less than the previous allowed land use (zoning) of said property and also Capital Improvement (Tank Capacity Unit and Billing Unit) Charge in those Districts where this charge is applicable.

   If for this case, the existing water system improvements are not adequate to meet the redevelopment of said property, the existing water system must be upgraded by the developer at the developer's expense and, in addition to the above, said property may also be credited for any offsite water mains and facilities installed by said developer. ~~except in Districts 4 and 34 where these credits have been modified. See Rule 1-I-2b.~~

   It will also be subject to Capital Improvement (Tank Capacity Unit and Billing Unit) Charge in those Districts where applicable.

d. Where the existing water system improvements were installed with assessments under a State Improvement Act Project and where the use of a previously served parcel has been changed by a zone change, zone exception, or conditional use permit and the existing developed property is being redeveloped where the existing water system improvements are not

adequate to meet the requirements of the redevelopment for providing a higher or increased level or quantity of water service or water supply, the existing water system must be upgraded by the developer at the developer's expense and the applicant's property may be subject to additional Capital Improvement (acreage) and Local System Improvement (frontage) Charges of the District with an exemption made for the applicable portion of the assessment made against the premises for which water service has actually been previously applied for, but no more than the previously allowed land use (zoning) of said property and also credit for any offsite water mains and facilities installed by said developer.

SECTION 3. Rule 1-A-50 of Part 1 of the Rules and Regulations of the Los Angeles County Waterworks Districts is hereby amended as follows:

1-A-50 CAPITAL IMPROVEMENT (TANK CAPACITY UNIT) CHARGE: The charge for participation in the construction of additional water storage and other water facilities that is to be charged to all future development in Waterworks District No. 4<u>0</u> ~~and 34~~ in addition to the Capital Improvement (acreage) Charges and any other charges of the District. The Tank Capacity Unit Charge is to be determined by using the chart shown in Rule 4-A-1b ~~and 4-1-m~~ and the amount per tank capacity unit set forth in Rule 4-A-1b ~~and 4-1-m~~.

SECTION 4. Rule 1-D-5 of Part 1 of the Rules and Regulations of the Los Angeles County Waterworks Districts is hereby amended as follows:

1-D-5 CONDITION OF EXECUTING ~~STATEMENTS OF WATER SERVICE~~ WILL-SERVE LETTERS: As a condition of executing (1) Fire Flow Availability Form (2) ~~Statement of Water Service~~ Will-Serve Letter for Subdivision Water Systems; (3) ~~Statement of Water Service~~ Will-Serve Letter for Water Systems Serving Parcel Maps; or (4) Building and Safety Water Pressure Form, the District will require that the owner/developer pay the District's Water Supply Reliability Charge, as applicable, at that time and agree to pay all other charges prior to receiving water service. See Rule 4-A-1t for calculating the Water Supply Reliability Charge.

SECTION 5. Rule 3-A-4a of Part 3 of the Rules and Regulations of the Los Angeles County Waterworks Districts is hereby amended as follows:

3-A-4a LOCAL SYSTEM IMPROVEMENT CHARGE, WATER SERVICE FROM AN EXISTING FRONTING WATER MAIN: For premises to be served with water service from existing adequate capacity water main(s) of the District, one of the following charges shall apply.

FOR ALL WATERWORKS DISTRICTS, EXCEPT WATERWORKS DISTRICT NO. 40

Size of Water Main Inches	Range of Fire Flow Required & Available GPM			Charge per Benefited Front Foot of the Applicant's Premises
Under 6		to	750	$ 14.61
6		to	750	$ 15.88
	751	to	1,250	16.49
	1,251	to	1,750	17.20
8		to	750	$ 18.42
	751	to	1,250	19.02
	1,251	to	1,750	19.80
	1,751	to	2,250	20.85

Size of Water Main Inches	Range of Fire Flow Required & Available GPM			Charge per Benefited Front Foot of the Applicant's Premises
		to	750	$ 22.27
10	751	to	1,250	22.83
	1,251	to	1,750	23.60
	1,751	to	2,250	24.70
	2,251	to	2,750	26.07
	2,751	to	3,250	26.63
		to	750	$ 27.34
	751	to	1,250	27.95
	1,251	to	1,750	28.67
12	1,751	to	2,250	29.77
	2,251	to	2,750	31.15
	2,751	to	3,250	31.72
	3,251	to	3,750	33.74
	3,751	to	4,250	34.23
	4,251	to	5,000	35.50
		to	750	$ 34.18
	751	to	1,250	34.67
14	1,251	to	1,750	35.28
	1,751	to	2,250	36.33
	2,251	to	2,750	37.38
	2,751	to	3,250	38.15
	3,251	to	3,750	40.52
	3,751	to	4,250	41.13
	4,251	to	5,000	42.61
		to	750	$ 41.01
	751	to	1,250	41.62
	1,251	to	1,750	42.34
16	1,751	to	2,250	43.61
	2,251	to	2,750	44.88
	2,751	to	3,250	45.81
	3,251	to	3,750	48.63
	3,751	to	4,250	49.41
	4,251	to	5,000	51.16

Size of Water Main Inches	Range of Fire Flow Required & Available GPM			Charge per Benefited Front Foot of the Applicant's Premises
		to	750	$ 49.23
	751	to	1,250	49.95
	1,251	to	1,750	50.83
18	1,751	to	2,250	52.31
	2,251	to	2,750	53.86
	2,751	to	3,250	54.96
	3,251	to	3,750	58.38
	3,751	to	4,250	59.26
	4,251	to	5,000	61.42
		to	750	$ 59.10
	751	to	1,250	59.93
	1,251	to	1,750	60.98
20	1,751	to	2,250	62.79
	2,251	to	2,750	64.61
	2,751	to	3,250	65.93
	3,251	to	3,750	70.02
	3,751	to	4,250	71.06
	4,251	to	5,000	73.65

The charges for pipe sizes or fire flows different than listed herein will be based on an engineering estimate of costs. Where the existing fronting water main has more capacity than will be needed to satisfy the domestic and fire protection service requirements of a proposed development, said development shall be responsible to pay the charge for only the Local System Improvement (frontage) Charge for the fire and domestic flow demand and the size of pipe necessary to meet said demands.

FOR WATERWORKS DISTRICT NO. 40

Size of Water Main Inches	Range of Fire Flow Required & Available GPM			Charge per Benefited Front Foot of the Applicant's Premises
Under 6		to	750	$ 25.42
		to	750	$ 27.63
6	751	to	1,250	28.69
	1,251	to	1,750	29.93

Size of Water Main Inches	Range of Fire Flow Required & Available GPM			Charge per Benefited Front Foot of the Applicant's Premises
		to	750	$ 32.05
8	751	to	1,250	33.09
	1,251	to	1,750	34.45
	1,751	to	2,250	36.28
		to	750	$ 38.75
10	751	to	1,250	39.72
	1,251	to	1,750	41.06
	1,751	to	2,250	42.98
	2,251	to	2,750	45.36
	2,751	to	3,250	46.34
		to	750	$ 47.57
	751	to	1,250	48.63
	1,251	to	1,750	49.89
12	1,751	to	2,250	51.80
	2,251	to	2,750	54.20
	2,751	to	3,250	55.19
	3,251	to	3,750	58.71
	3,751	to	4,250	59.56
	4,251	to	5,000	61.77
		to	750	$ 59.47
	751	to	1,250	60.33
14	1,251	to	1,750	61.39
	1,751	to	2,250	63.21
	2,251	to	2,750	65.04
	2,751	to	3,250	66.38
	3,251	to	3,750	70.50
	3,751	to	4,250	71.57
	4,251	to	5,000	74.14

Size of Water Main Inches	Range of Fire Flow Required & Available GPM			Charge per Benefited Front Foot of the Applicant's Premises
		to	750	$ 71.36
	751	to	1,250	72.42
	1,251	to	1,750	73.67
16	1,751	to	2,250	75.88
	2,251	to	2,750	78.09
	2,751	to	3,250	79.71
	3,251	to	3,750	84.62
	3,751	to	4,250	85.97
	4,251	to	5,000	89.02
		to	750	$ 85.66
	751	to	1,250	86.91
	1,251	to	1,750	88.44
18	1,751	to	2,250	91.02
	2,251	to	2,750	93.72
	2,751	to	3,250	95.63
	3,251	to	3,750	101.58
	3,751	to	4,250	103.11
	4,251	to	5,000	106.87
		to	750	$ 102.83
	751	to	1,250	104.28
	1,251	to	1,750	106.11
20	1,751	to	2,250	109.25
	2,251	to	2,750	112.42
	2,751	to	3,250	114.72
	3,251	to	3,750	121.83
	3,751	to	4,250	123.64
	4,251	to	5,000	128.15

The charges for pipe sizes or fire flows different than listed herein will be based on an engineering estimate of costs. Where the existing fronting water main has more capacity than will be needed to satisfy the domestic and fire protection service requirements of a proposed development, said development shall be responsible to pay the charge for only the Local System Improvement (frontage) Charge for the fire and domestic flow demands and the size of pipe necessary to meet said demands. The pipe diameters shall be sized to limit the maximum velocity for fire flows to 10 feet per second. For normal domestic flows the velocity should not exceed 5 feet per second.

~~The needed capacity will be determined by the use of fire flow tests and performing hydraulic analysis of the existing facilities. Other criteria to be applied shall be a maximum velocity of 10 feet per second and the minimum sizes related to fire flows (Ssee Cchart below) and minimum sizes of pipe based on the type of development. This chart is based on Hazen-Williams, C = 120 for new a pipe. Where old pipe is to be considered, use C = 100.~~

~~**Pipe Size in Inches**~~	~~**4**~~	~~**6**~~	~~**8**~~	~~**10**~~	~~**12**~~
~~Q in GPM for V=10 fps max. (one-way flow)~~	~~390~~	~~880~~	~~1,600~~	~~2,400~~	~~3,500~~
~~Qf Related to Size of Pipe for V=10 fps max. (one-way flow)~~	~~---~~	~~500 to 750~~	~~500 to 1,500~~	~~500 to 2,500~~	~~500 to 3,500~~

~~**Pipe Size in Inches**~~	~~**4**~~	~~**6**~~	~~**8**~~	~~**10**~~	~~**12**~~
~~Qf Related to Size of Pipe for V=10 fps max. (two-way flow with 60% split)~~	~~---~~	~~500 to 1,500~~	~~500 to 3,000~~	~~500 to 4,500~~	~~500 to 5,000~~

~~**Pipe Size in Inches**~~	~~**14**~~	~~**16**~~	~~**18**~~	~~**20**~~
~~Q in GPM for V=10 fps max. (one-way flow)~~	~~4,800~~	~~6,200~~	~~8,000~~	~~9,800~~
~~Qf Related to Size of Pipe for V=10 fps max. (one-way flow)~~	~~500 to 4,500~~	~~500 to 5,000~~	~~500 to 5,000~~	~~500 to 5,000~~
~~Qf Related to Size of Pipe for V=10 fps max. (two-way flow with 50% split)~~	~~500 to 5,000~~	~~500 to 5,000~~	~~500 to 5,000~~	~~500 to 5,000~~

Minimum size of pipe for any type of development shall be 6-inch-diameter.

After evaluation of the costs of the District, the District Engineer will review the above charges before January 1 of every year and make a recommendation to the Board to adjust these charges accordingly.

SECTION 6. Rule 3-A-11k of Part 3 of the Rules and Regulations of the Los Angeles County Waterworks Districts is hereby amended to read as follows:

3-A-11k For the District to process water service applications including issuance of standard plans and specifications, ~~therefor, and~~ inspection of the installation ~~thereof~~, processing of a new account for billing purposes, and data entry of a new account, the following charges shall apply:

FOR ALL WATERWORKS DISTRICTS, EXCEPT WATERWORKS DISTRICT NO. 40

Service Connection Size	Meter Size	Service Connection Only Installation* First Installation	Each Additional Installation*
1-inch	3/4x1-inch	$ 339.00	$ 168.00
1-inch	1-inch	339.00	168.00
1 1/2-inch	1 1/2-inch	506.00	168.00
2-inch	2-inch	589.00	168.00
Over 2-inch	Over 2-inch	**	**

Service Connection Size	Meter Size	Meter Only Installation	Meter & Service Connection Installation at the same time
1-inch	3/4x1-inch	$ 98.00	$ 437.00
1-inch	1-inch	98.00	437.00
1 1/3-inch	1 1/2-inch	98.00	604.00
2-inch	2-inch	98.00	687.00
Over 2-inch	Over 2-inch	**	**

Service Connection Size	Meter Size	Each Additional* Complete Installation
1-inch	3/4x1-inch	$ 266.00
1-inch	1-inch	266.00
1 1/2-inch	1 1/2-inch	266.00
2-inch	2-inch	266.00
Over 2-inch	Over 2-inch	**

* When all applications are received at one time and installations are to occur approximately at the same time.

** Costs will be determined as needed by the District Engineer.

FOR WATERWORKS DISTRICT NO. 40

Service Connection Size	Meter Size	Service Connection Only Installation* First Installation	Each Additional Installation*
1-inch	3/4x1-inch	$ 590.00	$ 292.00
1-inch	1-inch	590.00	292.00
1 1/2-inch	1 1/2-inch	880.00	292.00
2-inch	2-inch	1,025.00	292.00
Over 2-inch	Over 2-inch	**	**

Service Connection Size	Meter Size	Meter Only Each Installation	Meter & Service Connection Installation at the same time
1-inch	3/4x1-inch	$ 170.00	$ 760.00
1-inch	1-inch	170.00	760.00
1 1/2-inch	1 1/2-inch	170.00	1,050.00
2-inch	2-inch	170.00	1,195.00
Over 2-inch	Over 2-inch	**	**

Service Connection Size	Meter Size	Each Additional Complete Installation*
1-inch	3/4x1-inch	$ 463.00
1-inch	1-inch	463.00
1 1/2-inch	1 1/2-inch	463.00
2-inch	2-inch	463.00
Over 2-inch	Over 2-inch	**

* When all applications are received at one time and installations are to occur at the same time.
** Costs will be determined as needed by the District Engineer.

After evaluation of the costs of the District, the District Engineer will review the above charges before January 1 of every year and make a recommendation to the Board to adjust these charges accordingly.

SECTION 7. Rule 4-A-1b of Part 4 of the Rules and Regulations of the Los Angeles County Waterworks Districts is hereby amended to read as follows:

4-A-1b WATERWORKS DISTRICT NO. 4<u>0</u>, ~~LANCASTER~~ ANTELOPE VALLEY <u>(DISTRICT)</u>

~~1. All lands lying within the boundaries of Waterworks District No. 40, as of September 1, 1966, and for which the Waterworks District has at any time prior to September 1, 1966, provided water service or for which the Waterworks District was as of September 1, 1966, providing water service, are hereby deemed not to be subject to the Capital Improvement (acreage) Charges of said Waterworks District, except as stated in the first paragraph of Rule 4-A-1 and Rule 1-A-49 and any applicable parts of this subrule.~~

~~2. All lands lying within the boundaries of Waterworks District No. 4, as of September 1, 1966, not previously provided with water service prior to September 1, 1966, or not being provided with water service as of September 1, 1966, by the District, and lying outside of the areas defined in the parts of this subrule other than those areas defined in Parts 3 through 6, are hereby subject to a Capital Improvement Charge as follows shown in Rule 4-A-1, except as stated in Rule 1-A-49, less applicable credits defined in Rule 1-I-2a and c. No credit pursuant to Rule 1-I-2d is applicable to the lands of the area defined in Parts 3 through 6 of this subrule.~~

1. <u>All lands lying within the boundaries of the District, and not previously served by the District as of the indicated dates below, and lying outside of the areas listed in Part 2, 3 and 4 of this subrule, are subject to Capital Improvement Charges as shown in Rule 4-A-1, and Water Supply Reliability Charge, as defined in Rule 4-A-1t, and applicable Local System Improvement (frontage) Charges as defined in Part 3, less applicable credits as defined in Rule 1-A-49, Rule 1-I-2a, b, and c, and Rule 4-A-1t.</u>

   <u>All lands lying within the boundaries of the District that previously received or were receiving water service as of the indicated dates below, are subject to Water Supply Reliability Charge and applicable Local System Improvement (frontage) Charges, but exempt from Capital Improvement Charges.</u>

   <u>Service Connection and Water Meter Installation and Processing Charges will apply to any property requesting water service, as defined in Part 3.</u>

Waterworks District No. 4, Lancaster	September 1, 1966
Waterworks District No. 24, Pearblossom	July 1, 1966
Waterworks District No. 27, Littlerock	July 1, 1966
Waterworks District No. 33, Sun Village	July 1, 1966
Waterworks District No. 34, Desert View Highlands	July 1, 1966
Waterworks District No. 35, Northeast Los Angeles County	July 1, 1968
Waterworks District No. 38, Lake Los Angeles	September 1, 1968
Waterworks District No. 39, Rock Creek	April 1, 1971

2. All lands lying within the boundaries of the area of the District known as that area of service of the former water purveyors listed below in this subrule, including all lands fronting, backing, or siding on the water mains of the water system acquired by the District from said water purveyors shall be subject to the Capital Improvement Charges less applicable credits pursuant to the terms and conditions of the corresponding agreement listed below in this part of the subrule. No credit pursuant to Rule 1-I-2d is applicable to the lands in the areas of service defined in this part of the subrule. Rule 1-A-49 shall also apply.

Water Purveyor	Agreement No.	Date Approved
Beverly-Martin Estates water system	7738	December 24, 1963
Mountain View Farms Water Company	9976	August 31, 1965
Sierra Mutual Water Company (See Note 1)		December 23, 1969
Old Timers Mutual Water Company	26293	September 10, 1975
Pearblossom Heights Mutual Water Co.	861	September 30, 1958
Sun Village Water & Improvement Co.	7988	March 19, 1964
Shadow Mountain Mutual Water Co.	9371	April 20, 1965
Sunnyvale Mutual Water Co.	9415	May 11, 1965
Antelope Valley Center Mutual Water Co.	9798	July 13, 1965
Littlerock Farms/Prosit, Inc.	33358	October 10, 1978
Rock Creek Water Corporation (See Note 2)	17442	November 10, 1970
Mountain View Water Co. (See Note 3)	17743	February 23, 1971
Fort Tejon Mutual Water Co. (See Note 4)	26314	September 16, 1975
Antelope Valley-East Kern Water Agency Improvement Districts B and 3 (See Note 5)	17594	December 30, 1970

Note 1: Agreement for Acquisition of Sierra Mutual Water Company was recorded on December 23, 1969, in Book M3374 beginning on Page 560.

Note 2: Rock Creek Water Corporation service area is defined as the southeast 1/4 of Section 23 except the northeast 1/4 thereof; Section 25 except the northeast 1/4 thereof; Section 26; and Section 35, T-5-N, R-10-W, and Section 31, T-5-N, R-9-W, S.B.M.

Note 3: Mountain View Water Company service area is defined as the land bounded by Pearblossom Highway, 131 Street East (Longview Road), a line parallel to and 330 feet south of the center line of Avenue V-12, and 128th Street East.

Note 4: Fort Tejon Mutual Water Company service area is defined as the Record of Survey 2411 recorded in Record of Survey Map book 75, pages 73 and 74.

Note 5: Antelope Valley-East Kern Water Agency Improvement Districts B and 3 service area is defined in Agreement No. 17594, recorded as Document No. 3516.

3. The following described lands in Desert View Highlands of the District are hereby deemed to have paid the Capital Improvement Charges in existence at the time and are thereby deemed to have paid in full Capital Improvement Charges by fact of the stipulated judgment in Superior Court Case No. 804400, whereby the District condemned and obtained title to the water system facilities of the Deep River Water Company. Rule 1-A-49 shall also apply.

   Parcel No. 1: A portion of the northeast quarter of Section 21, Township 6 North, Range 12 West, S.B.B. & M., described as a parcel having a frontage of 308 feet on Avenue P, said 308 feet commencing on the easterly line of Tract No. 23739 and extending easterly along Avenue P, said distance and said parcel having a depth of 1,000 feet extending southerly from the south line of Avenue P as same existed in 1962, said Parcel No. 1 having an area of 7.07+ acres.

   Parcel No. 2: The southeast quarter of the southeast quarter of Section 16, Township 6 North, Range 12 West, S.B.B. & M., said Parcel No. 2 having an area of 38.79+ acres.

   Parcel No. 3: A portion of Section 21, Township 6 North, Range 12 West, S.B.B. & M., described as a parcel bounded on the northeast by Palm Tree Way, a public street; on the southeast by the northwest tract lines of Tracts Nos. 19947 and 19948; on the southwest by Mesquite Road, a public street and the northwesterly prolongation thereof; and by a line having a bearing of South 48 deg. 31 min. West and a length of 1,001.22 feet from the most westerly corner of Tract No. 24283; said Parcel No. 3 having an area of 27.51+ acres.

   Parcel No. 4: West half of the southwest quarter of the southwest quarter of Section 22, Township 6 North, Range 12 West, S.B.B. & M., except the

westerly 200 feet of the southerly 200 feet of said Section, said Parcel No. 4 having an area of 17.22+ acres.

Parcel No. 5: A portion of the northeast quarter of Section 28, Township 6 North, Range 12 West, S.B.B. & M., described as a parcel bounded by the westerly tract line of Tract No. 23280; by the north line of a Grant Deed recorded in the records of the County of Los Angeles County Recorder as Document No. 1690 on May 1, 1957; by the east line of the west half of the west half of said northeast quarter of said Section; and by the south line of Avenue Q (Elizabeth Canyon Road), a public street, as same existed in 1962; said Parcel No. 5 having an area of 9.84+ acres.

Parcel No. 6: East half of the northeast quarter of Section 28, Township 6 North, Range 12 West, S.B.B. & M., except Tract No. 20196, said Parcel No. 6 having an area of 77.50+ acres.

Parcel No. 7: East half of the southeast quarter of Section 28, Township 6 North, Range 12 West, S.B.B. & M., except the Q 9/10 Street West Reservoir Site of said District and the two-acre area residential site of Joseph S. Hunt as of 1962; said Parcel No. 7 having an area of 77.50+ acres.

Parcel No. 8: The areas of Tracts Nos. 17164, 18173, 18644, 19763, 19947, 19948, 20196, 20398, 21211, 21821, 22035, 23280, 23739, and 24283 as they existed on September 19, 1962.

Parcel No. 9: That portion of the easterly 660 feet of Section 21, Township 6 North, Range 12 West, S.B.B. & M., not included within the boundaries of Tracts Nos. 17164, 18644, and 22035.

4. All lands lying within the following Tracts Nos. 27968, 28358, 28481, 28482, 28483, 28484, 28485, 28486, 28487, 28488, 28489, 28490, 28491, 28492, 28493, 28494, 28495, 28496, 29071, and 29859, within Lake Los Angeles of the District by virtue of the developer of said tracts having constructed and dedicated to the District sites and primary water system facilities located thereon (wells, reservoirs, tanks. etc.) for the use of the District in serving lots in said tracts, are deemed to be subject a Capital Improvement Charge, determined pursuant to be of Rule 1-I-2b to be $0 per acre, provided said lots are developed pursuant to zoning existing as of the date of the tract map recordation, or said lots are developed pursuant to zoning effective after the date of the tract map recordation and said zoning and/or development does not result in the local fire protection authority setting fire flow requirements in excess of the capability of the water system installed by the tract developer. Should use of a lot result in the fire protection authority setting a fire flow in excess of the system capability, the District may charge the lot developer appropriate charges to provide the increased fire flow, or may require the

developer to install the then-needed water system improvements. Any applicable exception stated in the first paragraph of Rule 4-A-1 shall apply.

All lands not lying within said tracts, except where the lands are within the boundaries of Lake Los Angeles of the District as of September 1, 1968, and which can be supplied with water service from facilities installed by the developer of the tracts listed herein this part of the subrule at no expense to the District for extension, enlargement, addition or improvement of said facilities, are hereby stated in Rule 1-A-49, less applicable credits defined in Rule 1-I-2.

5. CAPITAL IMPROVEMENT (ACREAGE) CHARGE

Lands where the fire flow requirement of the premises is:

Lands where there is no fire flow requirement for the premises, per acre .....$~~1,267.00~~ 2,205.00.

Lands where the fire flow requirement of the premises is:

Fire Flow @ 20 psi (gpm)			Duration	Charge Per Acre	
1	to	750	2 Hours	$ ~~1,334.00~~	$ 2,321.00
751	to	1,250	2 Hours	~~1,393.00~~	2,424.00
1,251	to	1,750	2 Hours	~~1,459.00~~	2,539.00
1,751	to	2,250	2 Hours	~~1,519.00~~	2,643.00
2,251	to	2,750	2 Hours	~~1,585.00~~	2,758.00
2,751	to	3,250	3 Hours	~~1,646.00~~	2,864.00
3,251	to	3,750	3 Hours	~~1,713.00~~	2,981.00
3,751	to	4,250	4 Hours	~~1,772.00~~	3,083.00
4,251	to	5,000	5 Hours	~~1,897.00~~	3,301.00

For other conditions of fire flow and duration, the per acre charge will be based on an engineering estimate of costs.

~~3. All lands lying within the boundaries of the area of the District known as the Beverly-Martin Estates, Avenue F and 30th Street East Annex (Petition No. 195 completed on August 6, 1963) and fronting, backing or siding on the water mains of the water system acquired by the District from Claud and Kathryn Martin (Board of Supervisors Agreement No. 7738, approved December 24, 1963), receive no credit pursuant to Rule 1-I-2d against the Capital Improvement Charges remaining after consideration of credits applicable, pursuant to said Rule 1-I-2a and c. Rule 1-A-49 shall also apply.~~

~~4. All lands lying within the boundaries of the area of the District known as the service areas of the Mountain View Farms Water Company and Section 29 Mutual Water Company shall be subject to the Capital Improvement Charges, less applicable credits, pursuant to the terms and conditions of Agreement No. 9976, approved on August 31, 1965. Rule 1-A-49 shall also apply.~~

~~5. Lands lying within the area previously served by the Sierra Mutual Water Company shall be subject to the Capital Improvement Charges as given in the Agreement for Acquisition of the Water System recorded on December 23, 1969, in Book M3374 beginning on Page 560. Rule 1-A-49 shall also apply.~~

~~6. All lands lying within the area previously served by the Old Timers Mutual Water Company shall be subject to the Water Supply Charges of the District, less applicable credits and pursuant to the terms and conditions of Agreement No. 26293, approved on September 10, 1975. The service area of the Old Timers Mutual Water Company is considered to be the southeast one-quarter of the southeast one-quarter of Section 12, T-7-N, R-11-W, S.B.M. Rule 1-A-49 shall also apply.~~

6. CAPITAL IMPROVEMENT (TANK CAPACITY UNIT) CHARGE

All lands not previously served with water service within or annexing to the District or presently served and requesting a larger metered service and/or require a greater fire protection capability shall be subject to a Capital Improvement (Tank Capacity Unit) Charge as defined in the Tank Capacity Units Chart within this subrule, in addition to the Capital Improvement (acreage) Charge defined elsewhere in this Rule. The only ones exempt from this charge are lands which are included in formal agreements with the District for construction of water storage, conveyance, or well facilities and their appurtenances. The Capital Improvement (Tank Capacity Unit) Charge for upgrading an existing metered service from the smaller to the larger size will be the difference in the Tank Capacity Units represented by the existing meter and the new meter multiplied by the calculated dollar amount of the charge. The Capital Improvement (Tank Capacity Unit) Charge for a new service will be the Billing Units for the respective size of the metered service multiplied by the fire flow demand units (see table below) times the calculated dollar amount of the Capital Improvement (Tank Capacity Unit) Charge. This charge shall remain in effect until changed by the Board of Directors of the District. ~~No credits shall be given for this charge.~~ Applicable credit may be given for this charge as determined by the District Engineer.

The initial calculated dollar amount per Tank Capacity Unit for those developments not entering into agreements with the District shall be.....$~~480~~ 835.

The dollar amount per tank capacity unit for negotiated agreements between developers and the District shall be set by the District Engineer and approved by the Board of Directors.

Notwithstanding the above provisions or any other District Rules, the District may allow a developer to sell its excess Capital Improvement (Tank Capacity) Units to other developers or individuals whose property has not been previously served by the District, or those developers or individuals upgrading an existing service.

After evaluation of the costs of the District, the District Engineer will review the above charges before January 1 of every year and make a recommendation to the Board to adjust these charges accordingly.

LOS ANGELES COUNTY WATERWORKS DISTRICT NO. 40~~, ANTELOPE VALLEY REGIONS 4 AND 34~~
CAPITAL IMPROVEMENT (TANK CAPACITY UNIT) CHARGE

(BILLING UNITS & FIRE FLOW DEMAND UNITS)

DOMESTIC AND FIRE SPRINKLERS METERS FIRE FLOWS (Public or Private-On-Site whichever is larger)

Billing Meter Size (Inches)	Meter Flow (gpm)	Tank Capacity Units *(B.U.)	Fire Flow (gpm)	Duration (Hrs)	FireFlow (Thousands of gallons)	Demand Units (F.F.D.U.)**
3/4 & smaller	30 & less	1	0 - 500	2	60	1.0
1	50	2	501 - 750	2	90	1.5
1 1/2	100	3	751 - 1,000	2	120	2.0
2	160	5	1,001 - 1,250	2	150	2.5
4	500	17	1,251 - 1,500	2	180	3.0
6	1,000	33	1,501 - 2,000	2	240	4.0
8	1,600	53	2,001 - 2,500	2	300	5.0
10	2,300	77	2,501 - 3,000	3	540	9.0
12	3,000	100	3,001 - 3,500	3	630	10.5
			3,501 - 4,000	4	960	16.0
			4,001 - 4,500	4	1,080	18.0
			4,501 - 5,000	5	1,500	25.0

* For meters over 2 inches, the number of Billing Units will be determined by adding together all domestic and sprinkler fire protection flows to the premises and dividing by 30 (30 being the gallons per minute equivalent to one billing unit).

** Actual number of units to be calculated by multiplying fire flow in gpm by duration in minutes divided by 60,000 gallons.

EXAMPLES: Typical developments:

1. Single family residence: Public Fire Flow = 1,250 gpm = 2.5 F.F.D.U., 3/4 x 1 domestic water meter = 1 B.U.; 1 B.U. x 2.5 F.F.D.U. = 2.5 Tank Capacity Units.

2. Multi-residential & Office Buildings: Fire Flow 2,000 gpm, five (5) 2-inch domestic water meters [(5 meters) x 5 B.U.] x 4 F.F.D.U. = 100 Tank Capacity Units.

3. Shopping Center, Private System: Private Fire Flow 1,250 gpm, Public Fire Flow 2,500 gpm; 3 - 1 1/2-inch water meters [(3 meters) x 3 B.U.] x 5 F.F.D.U. = 45 Tank Capacity Units.

4. Landscape meter: No Public Fire Flow (Use Lowest Value) = 1 F.F.D.U., 2-inch water meter = 5 B.U.; 5 B.U. x 1 F.F.D.U. = 5 Tank Capacity Units.

5. FMCT meters: Total domestic flow divided by 30 = number of billing units Domestic Flow = 650 gpm / 30 = 22 B.U. Fire Flow = 2,750 gpm = 8.25 F.F.D.U.; 22 B.U. x 8.25 F.F.D.U. = 181.5 Tank Capacity Units.

SECTION 8. Rule 4-A-1h of Part 4 of the Rules and Regulations of the Los Angeles County Waterworks Districts is hereby deleted in its entirety.

SECTION 9. Rule 4-A-1j of Part 4 of the Rules and Regulations of the Los Angeles County Waterworks Districts is hereby deleted in its entirety.

SECTION 10. Rule 4-A-1l of Part 4 of the Rules and Regulations of the Los Angeles County Waterworks Districts is hereby deleted in its entirety.

SECTION 11. Rule 4-A-1m of Part 4 of the Rules and Regulations of the Los Angeles County Waterworks Districts is hereby deleted in its entirety.

SECTION 12. Rule 4-A-1n of Part 4 of the Rules and Regulations of the Los Angeles County Waterworks Districts is hereby deleted in its entirety.

SECTION 13. Rule 4-A-1q of Part 4 of the Rules and Regulations of the Los Angeles County Waterworks Districts is hereby deleted in its entirety.

SECTION 14. Rule 4-A-1r of Part 4 of the Rules and Regulations of the Los Angeles County Waterworks Districts is hereby deleted in its entirety.

SECTION 15. Rule 4-A-1t of Part 4 of the Rules and Regulations of the Los Angeles County Waterworks Districts is hereby added to read as follows:

4-A-1t WATER SUPPLY RELIABILITY CHARGE FOR WATERWORKS DISTRICT NO. 40

The Water Supply Reliability Charge is for the purpose of supplementing and firming up the water supplies of the District. This charge consists of three different fees: 1) Water Banking Fee; 2) Groundwater Supply Fee; and 3) Recycled Water Fee. These fees shall be collected in full by the District prior to issuance of a Will-Serve Letter for new development.

1. Water Banking Fee

All lands not previously served with water service within the boundaries of the District or annexing into the District or presently served and requesting a larger meter service shall be subject to a Water Banking Fee. The purpose of the Water Banking Fee is to establish a water-banking program to store water in groundwater basins that would allow the District to provide its customers with reliable water supplies during emergencies or dry periods. The Water Banking Fee for a new or larger water service will be the Billing Units for the respective size of the metered service multiplied by the dollar amount shown below. No credits shall be given for this fee.

The dollar amount per Billing Unit shall be..... $1,500.00.

After evaluation of the costs of the District, the District Engineer will review the above charges before January 1 of every year and make a recommendation to the Board to adjust these charges accordingly.

2. Groundwater Supply Fee

All lands not previously served with water service within the boundaries of the District or annexing into the District or presently served and requesting a larger meter service shall be subject to a Groundwater Supply Fee. The purpose of the Groundwater Supply Fee is for the construction of wells and associated facilities that may be used for the injection of treated surface water or the extraction of local groundwater when needed. New development shall receive credit for up to $3,000 per billing unit to offset the Groundwater Supply Fee for the construction of eligible wells and associated facilities as determined by the District Engineer. The Groundwater Supply Fee for a new or larger water service will be the Billing Units for the respective size of the metered service multiplied by the dollar amount shown below.

The dollar amount per Billing Unit shall be..... $3,000.00.

After evaluation of the costs of the District, the District Engineer will review the above charges before January 1 of every year and make a recommendation to the Board to adjust these charges accordingly.

3. Recycled Water Fee

All lands not previously served with water service within the boundaries of the District or annexing into the District or presently served and requesting a larger meter service shall be subject to a Recycled Water Fee. The purpose of the Recycled Water Fee is to establish a recycled water program that will increase the reliability of the District's water supplies by decreasing reliance on imported water and local groundwater supplies. The Recycled Water Fee for a new or larger water service will be the Billing Units for the respective size of the metered service multiplied by the dollar amount shown below. No credits shall be given for this fee.

The dollar amount per Billing Unit shall be..... $1,200.00.

After evaluation of the costs of the District, the District Engineer will review the above charges before January 1 of every year and make a recommendation to the Board to adjust these charges accordingly.