



MARK PESTRELLA, Director

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

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IN REPLY PLEASE
REFER TO FILE

October 20, 2026

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

Dear Supervisors:

**WATER RESOURCES CORE SERVICE AREA
LOS ANGELES COUNTY WATERWORKS DISTRICTS
AND THE MARINA DEL REY WATER SYSTEM
SYSTEM CAPACITY CHARGES AND DEVELOPER AGREEMENTS
(SUPERVISORIAL DISTRICTS 2, 3, AND 5)
(3-VOTES)**

SUBJECT

Public Works is seeking Board approval to adopt a resolution approving new System Capacity Charges to be charged as a condition of new water system connections and meter upsizes in the Los Angeles County Waterworks Districts and the Marina del Rey Water System, effective January 1, 2027. Public Works is also seeking authority to make annual inflationary adjustments to the new System Capacity Charges, beginning January 1, 2028, and to negotiate and execute developer agreements and take related actions required under the California Environmental Quality Act.

IT IS RECOMMENDED THAT THE BOARD ACTING AS THE GOVERNING BODY OF THE LOS ANGELES COUNTY WATERWORKS DISTRICTS AND THE MARINA DEL REY WATER SYSTEM:

1. Find that adoption of the resolution and the proposed amendment of the Rules and Regulations of the Los Angeles County Waterworks Districts and the Marina del Rey Water System as described herein, for the purpose of approval of the new System Capacity Charges is exempt from the California Environmental Quality Act and is not a project for the reasons stated in this Board letter.
2. Adopt the resolution approving the new System Capacity Charges to be charged as a condition for new connections to the water systems within the Los Angeles County Waterworks Districts and the Marina del Rey Water System, and authorize the Director of Public Works or his designee to

implement annual inflationary adjustments to the new System Capacity Charges to account for the annual changes in water system construction costs.

3. Authorize the Director of Public Works or his designee to negotiate and execute developer agreements, within established budgeted amounts, for financial participation and/or construction of necessary infrastructure improvements that address water supply reliability, water quality impacts, infrastructure hardening, and climate resilience needs associated with continued regional growth and new water service. This authority includes initiating necessary legal processes and executing related agreements to implement the developer agreements.

4. Delegate authority to the Director of Public Works or his designee to take actions necessary to comply with the California Environmental Quality Act in connection with the exercise of the delegated authority to execute developer agreements including to: a) Determine whether proposed developer agreements, revisions, or amendments are exempt from the California Environmental Quality Act or within the scope of a previous exemption; b) Review and consider previously approved Environmental Impact Reports, Mitigated Negative Declarations, and Negative Declarations; c) Determine whether a project is within the scope of a previously certified Environmental Impact Report and any approved addenda, previously adopted Mitigated Negative Declaration, or Negative Declaration; d) Determine whether a project described in an Environmental Impact Report, Mitigated Negative Declaration, or Negative Declaration would have a significant effect on the environment; e) Make findings pursuant to the California Environmental Quality Act Guidelines Section 15091; f) Adopt mitigation monitoring programs pursuant to the California Environmental Quality Act Guidelines Sections 15091 and 15096; and g) File and post notices pursuant to Section 21152 of the California Public Resources Code.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

The purpose of the recommended actions is to determine that the actions are not a project under the California Environmental Quality Act (CEQA) or, alternatively, are exempt from CEQA (as described below); adopt new System Capacity Charges to ensure that the costs associated with accommodating new development and new demand on the Los Angeles County Waterworks Districts (Districts) and the Marina del Rey Water System are equitably and transparently allocated; preserve the long-term financial integrity of the Districts and the Marina del Rey Water System for the benefit of all customers by implementing annual inflationary adjustments to account for the annual changes in water system construction costs; delegate authority to the Director of Public Works or his designee to negotiate and execute developer agreements; and delegate authority to the Director of Public Works or his designee to take actions to comply with CEQA for projects in connection with the exercise of the delegated authority to execute developer agreements.

Currently, the Rules and Regulations of the Districts and the Marina del Rey Water System (Rules and Regulations) assess connection and capacity-related charges that are structured around individual components of the water system—charges tied to specific facilities, such as meters, tanks, water mains, and sources of supply. While those charges have served a functional purpose, they are structured in a manner that reflects now-outdated standards and methodologies. There are currently more comprehensive approaches to system-wide cost recovery.

To modernize the aforementioned charges to address the capital investments needed as a result of new development, Public Works retained the services of consultants with expertise in water utility finance, rate setting, and development fee analysis to prepare a comprehensive Capacity Fee Study.

The Study examined the Districts' and the Marina del Rey Water System's existing infrastructure assets, projected capital needs, anticipated growth in connections and demands, and the proportionate share of system costs attributable to new development. The proposed System Capacity Charges, detailed in Attachment A of the enclosed resolution, will replace the existing charges associated with new development and meter upsizing.

Public Works staff presented the proposed System Capacity Charges at several public meetings held virtually and in-person within the affected communities. Public Works also informed the Building Industry Association in the Antelope Valley of the proposed System Capacity Charges.

To account for annual inflationary changes in water system construction costs, before January 1 of every year, the Director of Public Works or his designee will review the System Capacity Charges set in the Rules and Regulations. The System Capacity Charges will be adjusted effective January 1, 2028, and each January 1 thereafter, based on the year-to-year percentage increase in the Construction Cost Index for the Los Angeles Region, as published by the Engineering News-Record, or similar index should this index become unavailable or discontinued.

On May 7, 2024, the Board, acting as the governing body of the Los Angeles County Waterworks District No. 40, Antelope Valley (District No. 40), delegated authority to the Director of Public Works or his designee for a period of 2 years, to negotiate and execute developer agreements and take related actions necessary to facilitate financial participation or construction of water system improvements required to support ongoing and projected development within District No. 40. Subsequently, on May 5, 2026, the Board extended for an additional 1 year. The delegated authority has proven to be an effective method of planning for regional growth, streamlining approval processes, and expediting the financial participation process for required new water facilities and conveyance infrastructure in District No. 40. Continuing this delegation and extending the same authority to the Director of Public Works or his designee for the other four Districts and the Marina del Rey Water System will ensure that development projects within all the Districts, the Marina del Rey Water System, and their spheres of influence proceed without disruption while maintaining appropriate oversight and compliance with environmental review obligations.

Implementation of Strategic Plan Goals

These recommendations support the County Strategic Plan: North Star 3, Realize Tomorrow's Government Today, Focus Area Goal G, Internal Controls and Processes, Strategy ii, Manage and Maximize County Assets, by equitably and transparently allocating the cost of capital improvements required to accommodate new development and maintain reliable water service to constituents within the Districts and Marina del Rey Water System.

FISCAL IMPACT/FINANCING

There will be no impact to the County General Fund. The proposed System Capacity Charges will become effective January 1, 2027, and generate revenue for the Districts and the Marina del Rey Water System Accumulative Capital Outlay Funds. The developer agreements will remain within established budgeted amounts in the Districts' and the Marina del Rey System's Accumulative Capital Outlay Funds.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

The Districts are granted broad authority to do all things necessary or proper to accomplish their purpose including establishing System Capacity Charges pursuant to Section 55331 of the County

Waterworks District Law, California Water Code Sections 55000, et. seq. Adoption of the resolution will authorize the Director of Public Works or his designee to revise the Rules and Regulations pursuant to Section 55333 of the County Waterworks District Law. Revisions to the Rules and Regulations associated with the resolution are detailed in Attachment B of the resolution.

Pursuant to California Government Code Section 66013, the Districts may impose fees for "water connections" and "capacity charges" for existing or planned facilities, or portions thereof, necessary to meet the demands of new or upsized connections. Government Code Sections 66013 and 66016 authorize without voter approval, the fees for water connections and capacity charges, which cannot exceed the estimated reasonable cost of providing the service for which they are imposed. The proposed System Capacity Charges do not exceed the estimated reasonable cost of providing the capacity and facilities.

The developer agreements will be reviewed and approved as to form by County Counsel. Pursuant to the delegated authority to negotiate and execute developer agreements, the Director of Public Works may take any actions necessary or convenient to initiate any legal processes or other proceedings in support of financial participation that may require ultimate action from the Board.

ENVIRONMENTAL DOCUMENTATION

The proposed System Capacity Charges are not a project under CEQA because they will not result in a direct or reasonably foreseeable indirect physical change in the environment and therefore are not a "project" under the definition in California Public Resources Code Section 21065. The charges constitute administrative activity of government and a government funding mechanism or other fiscal activity that does not commit the Districts or the Marina del Rey Water System to any specific project or capital improvement, which may result in a potentially significant impact on the environment and will not result in direct or indirect physical changes in the environment CEQA Guidelines Sections 15378(a), (b)(4), and (b)(5).

In addition, the activity is exempt since there is no possibility that adoption of the charges, in and of themselves, will have a significant effect on the environment pursuant to CEQA Guidelines Section 15061(b)(3), the "common sense exemption".

In the alternative, if the charges are considered a project under CEQA, they are exempt from CEQA pursuant to CEQA Guidelines Section 15061 (b)(3), the "common sense exemption" since there is no possibility that approval of the charges, in and of themselves, will have a significant effect on the environment.

The proposed activity is also statutorily exempt pursuant to California Public Resources Code Section 21080(b)(8) and CEQA Guidelines Section 15273(a)(4), which exempt charges imposed by public agencies to obtain funds for capital projects necessary to maintain service within existing service areas. The proposed charges would fund currently identified and future capital proposed projects and water supply improvements within the Districts' and the Marina del Rey Water System's existing service areas. The charges would not commit the Districts or the Marina del Rey Water System to any particular project, program, or capital improvement. Any proposed future activity to be funded by the charges that constitute a project under CEQA will be subject to applicable environmental review and necessary findings before approval.

The recommended actions include written findings supporting the CEQA exemption under California

Public Resources Code Section 21080(b)(8) and CEQA Guidelines Section 15273(a)(4), which findings are included in the resolution and incorporated in the above CEQA finding by the Board.

Delegation of authority to the Director of Public Works or his designee to negotiate and execute developer agreements and make necessary CEQA findings is also exempt from CEQA pursuant to CEQA Guidelines Section 15061(b) since it can be seen with certainty that the delegation of activity will not have a significant effect on the environment and is an organizational and administrative activity that will not result in a direct or indirect physical change in the environment and is not a project under California Public Resources Code Section 21065 and is administrative activity of government that will not result in direct or indirect physical changes in the environment pursuant to CEQA Guidelines Section 15378(b)(5) since no project is approved by the current actions, and appropriate CEQA findings will be made in the future before approval of any project under the authority delegated.

Following Board approval, the Districts and the Marina del Rey Water System will file a Notice of Exemption with the Registrar-Recorder/County Clerk and the State Clearinghouse in the Office of Land Use and Climate Innovation pursuant to California Public Resources Code Section 21152 and will post the Notice on their websites pursuant to Section 21092.2.

IMPACT ON CURRENT SERVICES (OR PROJECTS)

There will be no negative impact on current County services or projects as a result of these actions.

CONCLUSION

Please return one adopted copy of this Board letter and signed resolution to Public Works, Waterworks Division.

Respectfully submitted,



MARK PESTRELLA, PE

Director

RN:CTH:wm

Enclosures

c: Chief Executive Office (Christine Frias,
Cynthia Zapata)
County Counsel (Tiffany Shin)
Executive Office, Board of Supervisors

**RESOLUTION OF THE
BOARD OF SUPERVISORS OF THE COUNTY OF LOS ANGELES,
ACTING ON BEHALF OF THE LOS ANGELES COUNTY WATERWORKS DISTRICTS
AND THE MARINA DEL REY WATER SYSTEM,
APPROVING AND ADOPTING NEW SYSTEM CAPACITY CHARGES FOR THE
LOS ANGELES COUNTY WATERWORKS DISTRICTS
AND THE MARINA DEL REY WATER SYSTEM, TAKING CERTAIN OTHER
ACTIONS RELATING THERETO, AND FINDING THE CHARGES EXEMPT FROM
REVIEW PURSUANT TO THE CALIFORNIA ENVIRONMENTAL QUALITY ACT**

WHEREAS, the Board of Supervisors of the County of Los Angeles is the governing body of the Los Angeles County Waterworks Districts and the Marina del Rey Water System; and

WHEREAS, the Los Angeles County Waterworks Districts is comprised of five special districts - each a public county waterworks district formed pursuant to Division 16 of the State Water Code; and

WHEREAS, the Los Angeles County Waterworks Districts (each a "District") and the Marina del Rey Water System (collectively, the "Districts and the Marina del Rey Water System") are responsible for the planning, operation, and maintenance of water systems serving residential, commercial, and industrial customers within their respective service areas; and

WHEREAS, the Districts and the Marina del Rey Water System's service areas experience new development that place incremental demands on the existing water systems and require capital investment to adequately serve the new or upsized connections to the water system; and

WHEREAS, pursuant to California Government Code Section 66013, the Districts may impose charges for system capacity for the construction of facilities needed to serve new or upsized connections; and

WHEREAS, the Districts currently impose charges for funding the costs of the facilities to serve new or upsized connections through Water Supply Charges and a Water Supply Reliability Charge; and

WHEREAS, the Districts seek to update and to streamline the calculation of the fees required for providing new water service through a modern, more comprehensive approach to system-wide cost recovery through System Capacity Charges unique to each District and the Marina del Rey Water System; and

WHEREAS, the Districts are granted broad authority to do all things necessary or proper to accomplish their purpose including establishing capacity charges for applicants

wishing to connect to the Districts' and the Marina del Rey Water System's water systems ("System Capacity Charges") pursuant to Section 55331 of the County Waterworks District Law, Water Code Sections 55000, et. seq.; and

WHEREAS, the Districts engaged a qualified consultant with expertise in water utility finance, rate setting, and development fee analysis to conduct a comprehensive review (the "Capacity Fee Study") of the Districts' and the Marina del Rey Water System's existing infrastructure assets, projected capital needs, anticipated growth in connections and demand, and the proportionate share of system costs attributable to new development to determine new System Capacity Charges that are based on a system-wide cost recovery approach and are more streamlined than the existing Water Supply Charges and Water Supply Reliability Charge; and

WHEREAS, Government Code Sections 66013 and 66016 authorize, without voter approval, fees for water connections and capacity charges that do not exceed the estimated reasonable cost of providing the service for which they are imposed; and

WHEREAS, the Districts have determined the new System Capacity Charges do not exceed the estimated reasonable cost of providing the capacity and services for which they are imposed; and

WHEREAS, pursuant to Government Code Sections 66016 and 66016.6, notice of the public meeting during which this Resolution is being considered was provided and the Capacity Fee Study was made publicly available, affording members of the public, developers, and other interested parties a meaningful opportunity to review the basis for the proposed System Capacity Charges; and

WHEREAS, a public meeting, as part of a regularly scheduled meeting, was held and members of the public were provided the opportunity to make oral and written presentations regarding the proposed System Capacity Charges; and

WHEREAS, the Districts are also proposing to amend the Rules and Regulations of the Los Angeles County Waterworks Districts and the Marina del Rey Water System (Rules and Regulations) as set forth in Attachment B attached to this Resolution; and

WHEREAS, because the Districts' and the Marina del Rey Water System's existing customers paid for the Districts' and the Marina del Rey Water System's current water system infrastructure and water supplies, new developments requesting water service from the Districts and Marina del Rey Water System will need to pay the new System Capacity Charges for the Districts and the Marina del Rey Water System to be able to meet their water service obligations for the new developments; and

WHEREAS, the Board of Supervisors of the County of Los Angeles further finds the System Capacity Charges exempt from review pursuant to the California Environmental Quality Act for the reasons stated below; and

WHEREAS, the Board of Supervisors of the County of Los Angeles has considered the data and recommendations in the Capacity Fee Study, and all testimony and evidence presented at the public meeting, and finds that the proposed System Capacity Charges are consistent with applicable law and sound utility financial policy and therefore wish to adopt the System Capacity Charges.

NOW, THEREFORE, BE IT RESOLVED, by the Board of Supervisors of the County of Los Angeles, as the governing body of the Los Angeles County Waterworks Districts and the Marina del Rey Water System, as follows:

1. The foregoing recitals are true and correct and are incorporated herein by this reference.
2. The Board makes the following findings with respect to the California Environmental Quality Act (CEQA): The System Capacity Charges are not subject to CEQA review. First, the charges, in and of themselves, do not have potential for resulting in either a direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment and therefore are not considered a "project" under CEQA [California Public Resources Code, Section 21065, CEQA Guidelines, Section 15378, subd. (a)]. Second, the charges are covered by the general rule that CEQA applies only to projects which have the potential for causing a significant effect on the environment; here, there is no possibility that the proposed charges, in and of themselves, may have a significant effect on the environment since the purpose of these charges is to only obtain funding [CEQA Guidelines, Section 15061, subd. (b)(3)]. Third, the proposed charges are considered a government funding mechanism that does not involve any commitment on behalf of the Districts or the Marina del Rey Water System to any specific project which may result in a potentially significant physical impact on the environment [CEQA Guidelines, Section 15378, subd. (b)(4)]. Any activities, including infrastructure improvements, to be funded by the charges will be subject to future environmental review under CEQA, as applicable, prior to approval by the Districts or the Marina del Rey Water System. The adoption of the charges is therefore exempt from the requirements of CEQA pursuant to Sections 15378, subds. (a) and (b)(4) and 15061(b)(3) of the CEQA Guidelines.

Even if these charges were considered a project for purposes of CEQA, the System Capacity Charges are further exempt from CEQA review pursuant to California Public Resources Code Section 21080(b)(8) and CEQA Guidelines Section 15273(a)(4), which exempt charges by public agencies for the purpose of obtaining funds for capital projects necessary to maintain service within existing services areas. The proposed charges obtain funds for currently identified and future capital projects in the Districts' and the Marina del Rey Water System's Capital Improvement Programs and secure and strengthen water supplies necessary to provide water services within the Districts' and the Marina del Rey Water System's existing service areas [California Public Resources Code Section 21080(b)(8), CEQA Guidelines Section 15273(a)(4)]. The charges do not

commit the Districts or the Marina del Rey Water System to approve any particular project, program, or capital improvement, but will be placed in separate Accumulative Capital Outlay Funds for potential future projects. Further, the proposed charges are in response to the Districts' and the Marina del Rey Water System's by the Districts or the Marina del Rey Water System. The adoption of the charges are necessary and reasonable to meet the Districts' and the Marina del Rey Water System's financial requirements and obtain funds for capital projects. The System Capacity Charges are therefore exempt from CEQA.

The Board finds for the record that the purpose of the proposed System Capacity Charges is to obtain funds for capital projects and secure and strengthen water supplies necessary to provide water services within the Districts' and the Marina del Rey Water System's existing service areas pursuant to the California Public Resources Code Section 21080(b)(8) and CEQA Guidelines Section 15273(a)(4) for the reasons noted herein and in the record of the proposed System Capacity Charges.

3. The new System Capacity Charges attached hereto as Attachment A for new or upsized connections to the Districts' and the Marina del Rey Water System's water systems are approved, adopted, and become effective on January 1, 2027.
4. The Board of Supervisors hereby further approves annual inflationary increases to the System Capacity Charges effective January 1, 2028, and each January 1 thereafter, based on the annual average year-over-year percentage increase in the Construction Cost Index for the Los Angeles Region, as published by the *Engineering News-Record*, or similar index should this index become unavailable or discontinued. In no event shall the annual inflationary increase cause the System Capacity Charges to exceed the reasonable costs of providing the required facilities. The Director of Public Works or his designee is authorized to administratively adjust the System Capacity Charges annually without further action or approval of the Board of Supervisors. This authorization shall remain in effect until new capacity charges are adopted or this authorization is revoked by the Board of Supervisors.
5. To the extent any provision of this Resolution is inconsistent with previous action of the Board of Supervisors, including any rate adopted therein, it is the explicit intention of the Board of Supervisors that the provisions of this Resolution and the rates for the System Capacity Charges adopted in this Resolution shall prevail.
6. The amendments to the Rules and Regulations (detailed in Attachment B to this Resolution) are hereby approved and adopted.
7. The System Capacity Charges shall be paid prior to the Districts' and the Marina del Rey Water System's issuance of a Will-Serve Letter (as defined in the Rules and Regulations), Fire Flow Availability Form, or issuance of new or upsized metered water service, or as otherwise required by law.

8. If any section, subsection, clause or phrase in this Resolution or the application thereof to any person or circumstances is for any reason held invalid by a court of competent jurisdiction, the validity of the remainder of this Resolution or the application of such provisions to other persons or circumstances shall not be affected thereby. The Board of Supervisors hereby declares that it would have passed this Resolution and each section, subsection, sentence, clause, or phrase thereof, irrespective of the fact that one or more sections, subsections, sentences, clauses or phrases or the application thereof to any person or circumstance be held invalid.
9. The Director of Public Works, or his designee, is authorized and directed to take all actions necessary to implement the new rates for the System Capacity Charges effective January 1, 2027, and to file a Notice of Exemption for the System Capacity Charges with the Registrar-Recorder/County Clerk and with the State Clearinghouse in the Office of Land Use and Climate Innovation.
10. This Resolution shall take effect immediately upon its adoption.

The foregoing Resolution was adopted on the _____ day of _____, 2026, by the Board of Supervisors of the County of Los Angeles as the governing body of the Los Angeles County Waterworks Districts and the Marina del Rey Water System.

EDWARD YEN
Executive Officer of the
Board of Supervisors of the
County of Los Angeles

By _____
Deputy

APPROVED AS TO FORM:

DAWYN R. HARRISON
County Counsel

By 
Sr. Deputy

**SYSTEM CAPACITY CHARGES OF THE
LOS ANGELES COUNTY WATERWORKS DISTRICTS AND
THE MARINA DEL REY WATER SYSTEM**

EFFECTIVE JANUARY 1, 2027

DISTRICT 21, KAGEL CANYON – Meter Component

<u>Meter Size</u>	<u>Billing Units</u>	<u>Meter Component</u>
¾"	1	\$16,054
1"	2	\$32,109
1 ½"	3	\$48,163
2"	5	\$80,272
2 ½"	7	\$112,380
4"	17	\$272,924
6"	33	\$529,793
8"	53	\$850,879
10"	77	\$1,236,183
12"	100	\$1,605,433

DISTRICT 21, KAGEL CANYON – Fire-Flow Component

<u>Fire-Flow Demand (gpm)</u>	<u>Fire-Flow Duration (min)</u>	<u>Fire-Flow Cost per Gallon</u>	<u>Fire-Flow Factor</u>	<u>Fire-Flow Component</u>
1250	60	\$0.0258	1	\$1,935
1500	60	\$0.0258	1.2	\$2,786
2000	120	\$0.0258	3.2	\$19,814
2500	120	\$0.0258	4	\$30,960
3000	180	\$0.0258	7.2	\$100,310
3500	180	\$0.0258	8.4	\$136,534
3750	180	\$0.0258	9	\$156,735
4000	240	\$0.0258	12.8	\$317,030

DISTRICT 21, KAGEL CANYON – Water Supply Component

Not Applicable for this District.

DISTRICT 29, MALIBU – Meter Component

<u>Meter Size</u>	<u>Billing Units</u>	<u>Meter Component</u>
¾"	1	\$14,454
1"	2	\$28,908
1 ½"	3	\$43,362
2"	5	\$72,270
2 ½"	7	\$101,178
4"	17	\$245,719
6"	33	\$476,984
8"	53	\$766,065
10"	77	\$1,112,962
12"	100	\$1,445,405

DISTRICT 29, MALIBU – Fire-Flow Component

<u>Fire-Flow Demand (gpm)</u>	<u>Fire-Flow Duration (min)</u>	<u>Fire-Flow Cost per Gallon</u>	<u>Fire-Flow Factor</u>	<u>Fire-Flow Component</u>
1250	60	\$0.0212	1	\$1,590
1500	60	\$0.0212	1.2	\$2,290
2000	120	\$0.0212	3.2	\$16,282
2500	120	\$0.0212	4	\$25,440
3000	180	\$0.0212	7.2	\$82,426
3500	180	\$0.0212	8.4	\$112,190
3750	180	\$0.0212	9	\$128,790
4000	240	\$0.0212	12.8	\$260,506

DISTRICT 29, MALIBU – Water Supply Component

Not Applicable for this District.

DISTRICT 36, VAL VERDE – Meter Component

<u>Meter Size</u>	<u>Billing Units</u>	<u>Meter Component</u>
¾"	1	\$22,490
1"	2	\$44,981
1 ½"	3	\$67,471
2"	5	\$112,451
2 ½"	7	\$157,432
4"	17	\$382,335
6"	33	\$742,179
8"	53	\$1,191,984
10"	77	\$1,731,751
12"	100	\$2,249,027

DISTRICT 36, VAL VERDE – Fire-Flow Component

<u>Fire-Flow Demand (gpm)</u>	<u>Fire-Flow Duration (min)</u>	<u>Fire-Flow Cost per Gallon</u>	<u>Fire-Flow Factor</u>	<u>Fire-Flow Component</u>
1250	60	\$0.0523	1	\$3,923
1500	60	\$0.0523	1.2	\$5,648
2000	120	\$0.0523	3.2	\$40,166
2500	120	\$0.0523	4	\$62,760
3000	180	\$0.0523	7.2	\$203,342
3500	180	\$0.0523	8.4	\$276,772
3750	180	\$0.0523	9	\$317,723
4000	240	\$0.0523	12.8	\$642,662

DISTRICT 36, VAL VERDE – Water Supply Component

Not Applicable for this District.

DISTRICT 37, ACTON – Meter Component

<u>Meter Size</u>	<u>Billing Units</u>	<u>Meter Component</u>
¾"	1	\$27,078
1"	2	\$54,156
1 ½"	3	\$81,233
2"	5	\$135,389
2 ½"	7	\$189,545
4"	17	\$460,323
6"	33	\$893,567
8"	53	\$1,435,123
10"	77	\$2,084,991
12"	100	\$2,707,780

DISTRICT 37, ACTON – Fire-Flow Component

<u>Fire-Flow Demand (gpm)</u>	<u>Fire-Flow Duration (min)</u>	<u>Fire-Flow Cost per Gallon</u>	<u>Fire-Flow Factor</u>	<u>Fire-Flow Component</u>
1250	60	\$0.1051	1	\$7,883
1500	60	\$0.1051	1.2	\$11,351
2000	120	\$0.1051	3.2	\$80,717
2500	120	\$0.1051	4	\$126,120
3000	180	\$0.1051	7.2	\$408,629
3500	180	\$0.1051	8.4	\$556,189
3750	180	\$0.1051	9	\$638,483
4000	240	\$0.1051	12.8	\$1,291,469

DISTRICT 37, ACTON – Water Supply Component

Not Applicable for this District.

DISTRICT 40, ANTELOPE VALLEY – Meter Component

<u>Meter Size</u>	<u>Billing Units</u>	<u>Meter Component</u>
¾"	1	\$11,437
1"	2	\$22,874
1 ½"	3	\$34,311
2"	5	\$57,185
2 ½"	7	\$80,059
4"	17	\$194,429
6"	33	\$377,420
8"	53	\$606,160
10"	77	\$880,647
12"	100	\$1,143,698

DISTRICT 40, ANTELOPE VALLEY – Fire-Flow Component

<u>Fire-Flow Demand (gpm)</u>	<u>Fire-Flow Duration (min)</u>	<u>Fire-Flow Cost per Gallon</u>	<u>Fire-Flow Factor</u>	<u>Fire-Flow Component</u>
1250	60	\$0.0232	1	\$1,740
1500	60	\$0.0232	1.2	\$2,506
2000	120	\$0.0232	3.2	\$17,818
2500	120	\$0.0232	4	\$27,840
3000	180	\$0.0232	7.2	\$90,202
3500	180	\$0.0232	8.4	\$122,774
3750	180	\$0.0232	9	\$140,940
4000	240	\$0.0232	12.8	\$285,082

DISTRICT 40, ANTELOPE VALLEY – Water Supply Component

\$10,000 per acre-foot of annual demand (AFY).

MARINA DEL REY WATER SYSTEM – Meter Component

<u>Meter Size</u>	<u>Billing Units</u>	<u>Meter Component</u>
¾"	1	\$7,774
1"	2	\$15,548
1 ½"	3	\$23,322
2"	5	\$38,870
2 ½"	7	\$54,418
4"	17	\$132,158
6"	33	\$256,542
8"	53	\$412,022
10"	77	\$598,598
12"	100	\$777,400

MARINA DEL REY WATER SYSTEM – Fire-Flow Component

<u>Fire-Flow Demand (gpm)</u>	<u>Fire-Flow Duration (min)</u>	<u>Fire-Flow Cost per Gallon</u>	<u>Fire-Flow Factor</u>	<u>Fire-Flow Component</u>
1250	60	\$0.0223	1	\$1,673
1500	60	\$0.0223	1.2	\$2,408
2000	120	\$0.0223	3.2	\$17,126
2500	120	\$0.0223	4	\$26,760
3000	180	\$0.0223	7.2	\$86,702
3500	180	\$0.0223	8.4	\$118,012
3750	180	\$0.0223	9	\$135,473
4000	240	\$0.0223	12.8	\$274,022

MARINA DEL REY WATER SYSTEM – Water Supply Component

Not Applicable for this District.

**AMENDMENTS TO THE RULES AND REGULATIONS OF
THE LOS ANGELES COUNTY WATERWORKS DISTRICTS AND
THE MARINA DEL REY WATER SYSTEM**

SECTION 1

The following provisions of the Rules and Regulations of the Los Angeles County Waterworks Districts and the Marina del Rey System (the “Rules and Regulations”) are hereby deleted in their entirety:

- Rule 1-A-6c of Part 1
- Rule 1-A-30 of Part 1
- Rule 1-A-31 of Part 1
- Rule 1-A-32 of Part 1
- Rule 1-A-33 of Part 1
- Rule 1-A-44 of Part 1
- Rule 1-A-48 of Part 1
- Rule 1-A-49 of Part 1
- Rule 1-A-50 of Part 1
- Section I of Part 1
- Section J of Part 1
- Rule 3-A-2 of Part 3
- Rule 3-A-3 of Part 3
- Rule 3-A-4 of Part 3
- Rule 3-A-4a of Part 3
- Rule 3-A-4b of Part 3
- Rule 3-A-5 of Part 3
- Rule 3-A-6 of Part 3
- Rule 3-A-7 of Part 3
- Rule 3-A-8 of Part 3
- Rule 3-A-9 of Part 3
- Sections A, B, and C of Part 4
- Part 6

SECTION 2

Rule 1-A-46 of Part 1 of the Rules and Regulations is hereby amended as follows:

- 1-A-46 PARTICIPANT IN WATER SYSTEM IMPROVEMENT: As a part of a developer-applicant financed improvement, there may be property which benefits from the improvement which does not apply for water service in conjunction with the improvement but which participates financially in the project. The developer may designate such other properties as participants. Participants may receive credit for ~~Acreage, and/or Frontage, and/or Tank Capacity Unit, Charges~~ System Capacity Charges by virtue of participation in the project to the extent that credits may be assigned on the basis of the value of the improvement. Such participation may be established by the filing with the District of a Participation Letter signed by the developer who is a financial participant (one who retains a right to recover any participation monies by the participation process) and the owners (financial participants and non-financial participants) (one who does not retain a right to recovering participation monies by participation process) of all other participating lands. The District may then assign ~~Acreage, and/or Frontage, and/or Tank Capacity Unit, Charge~~ System Capacity Charges credits to the participating lands on the basis that the lands were paying the charges in existence at the time the improvement was installed. The assignment of ~~Acreage, and/or Frontage, and/or Tank Capacity Unit, Charge~~ System Capacity Charges credits, which are equal to or greater than

~~the actual Acreage, and/or Frontage, and/or Tank Capacity Unit, Charges System Capacity Charges, may be deemed to complete the payment of the charges for property for subsequent water service, provided the land use zoning of the property does not change and the improvement met the water service requirements of the land at the time that the improvement was installed. Applicable parts of Rule 1-A-49 shall apply.~~

Potential for previous participant(s) recovering any monies by the participation process on any given project is limited to a 10-year period after completion and acceptance of the water system improvements by the District.

A new applicant (owner) that will have use of the water system improvements installed by others must make financial arrangements with the present owner(s) of the property(ies), which owner(s) is or are already a financial participant(s). A previous owner may file a written statement with the District that said owner is to remain a financial participant instead of the new applicant (owner) and that all transactions and financial arrangements must be made with the previous owner. The new applicant (owner), therefore, will not have any participation rights related to recovering participation monies.

~~It will be the responsibility of the present financial participant(s) and the present owner(s), who is or are non-financial participant(s), to keep the District informed of any change in mailing address, telephone number, and legal status as a financial participant or non-financial participant.~~

~~The reason for this is that if there is a problem with locating a financial participant(s) for a subsequent new applicant (owner) to transact business in order to arrange for financial participation, the District will initiate a certified letter to be mailed to the last known financial participant(s) and a non-financial participant(s) at the mailing address(es) shown on the participation statement(s) or any updating documents verifying any changes in mailing address or legal status as a participant. The District will wait thirty (30) calendar days for a response. If there is no response by the date specified, or the letter is not deliverable, the District will then instruct the subsequent new applicant to transact business with and to arrange for financial participation with the present owner(s).~~

It will be the responsibility of the present financial participant(s) and the present owner(s), who is or are non-financial participant(s), to keep the District informed of any change in mailing address, telephone number, and legal status as a financial participant or non-financial participant. The reason for this is that if there is a problem with locating a financial participant(s) for a subsequent new applicant (owner) to transact business in order to arrange for financial participation, the District will initiate a certified letter to be mailed to the last known financial participant(s) and non-financial participant(s) at the mailing address(es) shown on the participation statement(s) or any updating documents

verifying any changes in mailing address or legal status as a participant. The District will wait thirty (30) calendar days for a response. If there is no response by the date specified, or the letter is not deliverable, the District will then instruct the subsequent new applicant to transact business with and to arrange for financial participation with the present owner(s).

The value of offsite water mains and other facilities may be credited toward ~~acreage, and/or frontage, and/or Tank Capacity Unit~~ System Capacity Charges, based on whether or not the new property being developed fronts on or does not front on the water main and needs the use of the water mains, ~~fire hydrants, storage tanks, wells, and other facilities;~~ or in the case of Tank Capacity Charges, credits will only be given if owner or previous owner participated in an agreement with the District to build storage tanks, wells or other water facilities. The value of a developer's offsite water system improvements for which the developer may get credit against System Capacity Charges ~~his Capital Improvement (acreage) Charge~~ and/or can get participation by others in need of the installed water system improvements, up to the extent of the value of the credits, shall be based on the cost breakdown of the offsite portion of the project, less any ~~Capital Improvement (acreage) Charge~~ credits that may have been used by the original developer and any monies subsequently collected by said developer and other subsequent financial participants from any new applicants (owners) in need of the use of the system improvements.

SECTION 3

Rule 1-A-51 of Part 1 of the Rules and Regulations is hereby added to read as follows:

1-A-51 SYSTEM CAPACITY CHARGES: The one-time charge imposed by the District upon any applicant for a new permanent water service connection, or upon any applicant for a meter upsizing that increases the capacity of an existing service connection, or upon any applicant requesting an increase in the level of fire service, as a condition precedent to the supply of water service by the District. System Capacity Charges represent the new connection's or expanded connection's proportionate share of the costs of existing and future Capital Improvements to the District's water supply, storage, transmission, and distribution infrastructure that benefit all users of the system. The System Capacity Charges are established, calculated, and adjusted in accordance with Part 4 of these Rules and Regulations.

SECTION 4

Rule 1-B-1 of Part 1 of the Rules and Regulations is hereby amended as follows:

1-B-1 SERVICE AREA AND SPECIAL ZONES: Maps and legal descriptions of service areas and special zones of Waterworks Districts shall be maintained in the office of the Engineer.

SECTION 5

Rule 1-D-5 of Part 1 of the Rules and Regulations is hereby amended as follows:

- 1-D-5 **CONDITION OF EXECUTING WILL-SERVE LETTERS:** As a condition of executing (1) Fire Flow Availability Form; (2) Conditional Will-Serve Letter for Subdivision Water Systems; (3) Will-Serve Letter for Water Systems Serving Parcel Maps; or (34) Building and Safety Water Pressure Form, the District will require that the owner/developer pay the Water Supply Component of the District's System Capacity Charges ~~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.~~ System Capacity Charges shall be applied as set forth in Rule 4-D-1.

SECTION 6

Rule 1-H-2 of Part 1 of the Rules and Regulations is hereby amended as follows:

- 1-H-2 **PRIVATE (ON-SITE) FIRE HYDRANTS:** Fire protection service will be provided to private on-site fire hydrants through an approved backflow prevention assembly equipped with a detector bypass or via metered service, as determined by the District. ~~either through a detector check bypass or metered service.~~

As given herein a monthly service charge will be made therefore as given in Rules Nos. 2-B-5 and 2-A-1a. Should the private fire hydrant and/or fire protection service be used for purposes other than firefighting or testing of the fire protection service or fire hydrant, the District will either require placement of a meter on the service by the customer at his expense and subsequently charge applicable charges or shut off the entire supply of water through the service connection.

SECTION 7

Rule 1-H-3d of Part 1 of the Rules and Regulations is hereby amended as follows:

- 1-H-3d **FIRE SPRINKLER CHECK VALVE:** On all new automatic fire sprinkler service connections, an approved backflow prevention assembly, in accordance with the State Water Resources Control Board's Cross-Connection Control Policy Handbook (CCCPH), applicable County requirements, and the District's Cross-Connection Control Program, shall be installed. The assembly shall be equipped with a detector bypass meter, all at the expense of the applicant ~~a double check valve of a type approved by the National Board of Fire Underwriters shall be installed and shall also be equipped with a bypass meter, all at the expense of the applicant.~~

SECTION 8

Rule 1-H-18 of Part 1 of the Rules and Regulations is hereby amended as follows:

- 1-H-18 CHARGE FOR SUBSTITUTION OF LARGER METER FOR DOMESTIC SERVICE: When a meter of larger size than the existing meter is to be installed on an existing service connection, which is not less in size than the larger meter, the charge required for the District furnishing and setting such larger meter shall be the charge for a new meter installation. There is no salvage value on recovered meter and fittings.

When an existing service connection is to be disconnected and removed from service and the meter thereon is recovered as part of responding to the customer's request for a larger service connection and meter, the cost of the larger service connection and meter shall be the charge as prescribed elsewhere herein for a new service and meter. There is no salvage value of the recovered meter and fittings. At the option of the District, the applicant may be required to arrange for the installation of the larger service connection and meter by a private contractor, all at the expense of the applicant including paying any applicable charges of the District.

When a meter of larger size than the existing meter is to be installed on an existing service connection, additional charges are subject to being collected by the District under Rules ~~1-A-49, 2-A-16o, 3-A-4, 3-A-11K, and 4-A-1~~ 4-D all inclusive, ~~4-A-1K-4, and 4-B-1.~~

SECTION 9

Rule 1-H-31 of Part 1 of the Rules and Regulations is hereby amended as follows:

- 1-H-31 PROHIBITION OF CROSS-CONNECTIONS: ~~The regulations of the State Department of Health Services (17 Calif. Adm. Code, Sections 7583 through 7622 inc.) and the regulations of the County of Los Angeles Health Department insofar as the same are applicable to the protection of the water supply of the Districts are hereby adopted, incorporated herein and made a part hereof. The standards of the State Water Resources Control Board as set forth in the Cross-Connection Control Policy Handbook (CCCPH), as adopted pursuant to the California Health and Safety Code Section 116407 and incorporated by reference into Title 22 of the California Code of Regulations, together with applicable regulations of the County of Los Angeles, are hereby adopted, incorporated herein, and made part of these Rules and Regulations.~~

No water service connection to any premises will be installed or maintained by the District unless the public water supply is protected in accordance with the CCCPH, applicable County requirements, and the District's Cross-Connection Control Program, ~~as required by said State and County regulations, this Rule, and the "Cross-Connection Control Manual for Service Protection in the~~

~~Los Angeles County Waterworks Districts".~~

For premises where the point of use of the water is at an elevation fifty (50) feet or higher above the meter location, the District shall require an approved device be installed at the meter to prevent potential backflow from the premises.

Backflow prevention devices installed hereunder shall be approved by the District and shall be installed by the customer at the expense of the customer.

The customer shall at his expense have the device regularly tested and serviced if necessary, (regularly being defined as at least once a year and more frequently if necessary as required by the District) to maintain the device in satisfactory operating condition. If during the regular test or service the device is found to be inoperative, defective, or malfunctioning in any way or manner, the device shall be immediately overhauled, repaired, or replaced to a satisfactory condition at the customer's expense. Upon the completion of any overhaul, repair, or replacement work, the device shall be tested in place to assure performance as required. Any and all tests shall only be made by persons approved to do so by the District. Suitable records of such tests, repairs, overhauling, or replacements shall be kept by the customer and a copy thereof sent to the District immediately upon completion of any tests, repairs, overhauling or replacements.

Service of water to any premises may be discontinued by the District if a backflow prevention device required by this Rule is not properly installed, tested, and maintained, or if any defect is found in an installed device, or if it is found that a backflow prevention device has been removed or by-passed, or if cross-connections exist on the premises from which the District water system is not protected by an approved device; and service will not be restored until such conditions or defects are corrected.

SECTION 10

Rule 1-H-38 of Part 1 of the Rules and Regulations is hereby amended as follows:

- 1-H-38 THEFT OF WATER: Pursuant to County Urgency Ordinance No. 88-0130U, no person, company, corporation or other agency shall take water from the Districts' water system without first obtaining permission to take water from the Districts' Engineer or authorized representative and making payment of applicable processing and ~~water supply charges~~ System Capacity Charges of the District. For purposes of enforcement of this rule, no more than one violation per ~~12-month~~ 12-month period per point of access to the Districts' water supply system will be deemed a violation of this rule.

SECTION 11

Rule 1-H-40 of Part 1 of the Rules and Regulations is hereby added to read as follows:

1-H-40 WATER MAIN EXTENSIONS: As a condition of obtaining new water service, any applicant whose service request requires a water main extension shall be responsible for the installation of such extension at the applicant's sole expense, including payment of any applicable charges of the District. Credits may apply against the System Capacity Charges for the value of the offsite portion of the water main and the value of the excess capacity of the water main. At the option of the District, a Participation Letter may be accepted from the applicant and other participants pursuant to Rule 1-A-46.

For purposes of this rule, an off-site water main extension is the portion of a proposed water main extending from the end of the existing adequate-capacity water main to the benefited frontage of the applicant's property, as determined by the District. Excess capacity is the portion of a water main's capacity that exceeds the domestic and fire protection demands of the development being served.

Required water main extensions shall extend from the end of the existing adequate-capacity water main to the farthest point of the applicant's property frontage that will be served by the extension. Where a parcel is situated between two existing water mains, the District may require, at the applicant's expense, that the extension connect the two water mains to complete the system and improve service reliability.

For properties that exceed one acre in area, the required water main extension shall serve applicant's property and extend along the entire benefited frontage if the frontage is less than 100 feet. If the frontage is 100 feet or greater, the extension shall extend to a point at least ten (10) feet beyond the farthest driveway serving the property, or 100 feet, whichever is greater.

SECTION 12

Rule 1-H-41 of Part 1 of the Rules and Regulations is hereby added to read as follows:

1-H-41 ADEQUATE CAPACITY WATER MAIN: An adequate-capacity water main is defined as water main that can convey (1) maximum day demand and (2) the required fire flow established by the local fire protection agency, while maintaining a flow velocity of no more than 10 feet per second.

For one-way flow conditions, the maximum allowable flow rates at a velocity of 10 feet per second are as follows:

<u>Water Main Size</u>	<u>Maximum Flow (gpm)</u>
<u>4-inch</u>	<u>390</u>
<u>6-inch</u>	<u>875</u>

<u>8-inch</u>	<u>1,600</u>
<u>10-inch</u>	<u>2,400</u>
<u>12-inch</u>	<u>3,600</u>
<u>14-inch</u>	<u>5,000</u>
<u>16-inch</u>	<u>6,250</u>

Flow calculations shall be based on the Hazen-Williams equation using a coefficient (C) of 120 for new pipe and 100 for existing pipe.

SECTION 13

Rule 1-H-42 of Part 1 of the Rules and Regulations is hereby added to read as follows:

1-H-42 NO EXISTING LOCAL SYSTEM: As a prerequisite to receiving water service for each subdivision or parcel of land, the owner shall furnish and install the necessary Local System Improvements in accordance with plans and specifications prepared by or approved by the District.

SECTION 14

Rule 1-H-43 of Part 1 of the Rules and Regulations is hereby added to read as follows:

1-H-43 OBJECTIONS AND APPEALS: A water service customer or applicant for water service may file a notice of objection within (30) days after any notice of determination to comply is delivered or mailed to the customer, and may request reconsideration of the determination or modification of the proposed conditions or schedule for conversion. The objection must be in writing and specify the reasons for the objection. The preliminary determination shall be final if a customer does not file a timely objection. The District Engineer shall review the objection and shall confirm, modify, or abandon the preliminary determination.

SECTION 15

Rule 1-O-4 of Part 1 of the Rules and Regulations is hereby amended as follows:

1-O-4 MUTUAL AID BETWEEN WATER PURVEYORS: At the option of the District, metered interconnections may be installed or constructed with adjacent water purveyors that are either within or outside of the District for mutual aid involving the exchange of water on a temporary basis; said water shall be sold, or purchased (as the case may be) at the prevailing rates.

~~Water Supply Charges (Capital Improvement and Local System Improvement Charges et al.)~~ System Capacity Charges shall not be applicable to Mutual Aid interconnections.

SECTION 16

Rule 2-A-1 of Part 2 of the Rules and Regulations is hereby amended as follows:

2-A-1 CHARGE FOR METERED SERVICE: Where there are more than one house, store, etc., on a parcel of land under one ownership, the District will, at the option of the District, serve the houses, stores, etc., through one or more water meters. The District will render one water bill for each of the water meters serving the premises.

Each individual ownership will be served through separate water meters.

The charge for water service through each meter will be determined by the addition of the established Service Charge, which is an amount for each size of meter, and of the total Quantity Charge, (including applicable assessments) for the consumption of water, either indicated by the District water meter or estimated by the District. In addition, some Districts have other charges for specific purposes as approved by the Board of Directors and defined within this section.

Meter Size (in.)	Number of Billing Units	Maximum Rated Flow of Service Connection & Meter Installation (gpm)
5/8 x 3/4 *	1	20
3/4 *	1	30
3/4 x 1	1	30
1	2	50
1 1/2	3	100
2	5	160
2 1/2	7	200
3 *	11	315
4	17	500
6	33	1000
8	53	1600
10	77	2300
12	100	3000

* Meter size is no longer approved for new service connections and is reflected hereon for existing services only.

PRIVATE FIRE PROTECTION SERVICE: The fixed monthly rate to be charged and collected for each service to a private fire protection system shall be the applicable District rates related to the detector check valve size.

The number of billing units for all other type meters and for multiple meter assemblies of any type or various type meters shall be determined by dividing the on-site domestic demand in gpm by 30 gpm.

Private Fire Protection Service (detector check) meters are solely for the purpose of delivering water for fire flow purposes. All water consumed shall be billed at the Quantity Charge rate of the applicable District. See also RULE 1-H-2.

SECTION 17

Rule 2-B-4 of Part 2 of the Rules and Regulations is hereby amended as follows:

- 2-B-4 CONSTRUCTION WATER SERVICE (Metered): The District shall require that all water used for construction purposes be metered. The District will furnish, install, and remove the meter, valve, and fittings to be located at a fire hydrant or other convenient point in the system as determined by the District. The customer shall be responsible for the loss of or damage to the meter and other equipment used therefor. The charge for the metering facility is to guarantee the return of the meter to the District in an operative manner. The installation and removal charge shall be as follows:

Flow tube Fire Hydrant Meter Size (in)	Installation * Removal Charge
~~2 & smaller~~	~~\$242.76~~
2 1/2	\$274.36
3	\$414.04
4	~~\$685.08~~

For the District to relocate the meter from one location to another location at the request of the Customer, the charge is as follows:

Meter Size (in.)	Charge
~~2 & smaller~~	~~\$104.78~~
2 1/2	\$129.71
3	~~\$241.11~~
4	~~\$399.07~~

The charges for installation, removal, and relocation of the meters ~~larger than 4-inch or for meters 4-inch and smaller~~ requiring an extraordinary installation, will be on an estimated basis of current costs.

The installation, removal, and relocation charges shall become revenue to the District.

SECTION 18

Rule 3-A-1 of Part 3 of the Rules and Regulations is hereby amended as follows:

3-A-1 a. CHARGES FOR SERVICES RENDERED:

~~Charges shall be made for services rendered by a District for the herein described classes of services described in Section A of Part 3. Such collected charges~~ All charges collected shall be deposited to the credit of into the applicable Fund of the District Fund. ~~The District reserves the right to provide the enumerated services or to require the applicant to provide the service.~~

~~All charges quoted herein are fixed for~~ based on ~~the average or normal type of service performed typical service performed under normal conditions. An additional charge~~ Additional charges ~~will be made and added to the fixed charge quoted herein~~ for any unusual condition encountered requiring furnishing additional materials, use of any special equipment, or requiring additional time and labor. These additional charges shall be computed on an engineering estimate of current costs and shall be paid prior to the beginning of the work or upon completion of the work and upon presentation of a billing statement for these additional charges, as determined by the District.

The District reserves the right to elect not to provide the services described in Section A of Part 3 and instead require the applicant to perform or arrange for performance of any of the services in Section A of Part 3 in a manner subject to approval by the District.

b. CHARGES FOR OTHER SERVICES RENDERED:

A District may render other classes of services besides those described below in Section A of Part 3. All work performed by District forces shall be charged at actual cost on a time-and-material basis, including labor, material, equipment use, and any other related expenses. The charges shall be computed on an engineering estimate of current costs and shall be paid prior to the beginning of the work upon presentation of a billing statement. Additional charges for service provided herein shall be charged and paid for as described in 3-A-1a above.

SECTION 19

Rule 3-A-11 of Part 3 of the Rules and Regulations is hereby amended as follows:

3-A-11 WATER SYSTEM ENGINEERING CHARGES:

- ~~a. For the District to prepare plans and specifications of water mains and appurtenances for installation in the District by either a developer or by the~~

~~District at the expense of a developer and which facilities will become the property of the District upon completion of the installation, the charges shall be based on an engineering estimate of costs prepared by the District.~~

~~The engineering charges must be paid by the developer prior to start of plan and Specifications preparation work by the District.~~

~~The charges stated herein do not include application processing for the installation of service connections and meters with the water main. The service connection and meter installation work can only be included upon proper application and payment of the charges of Rules 3-A-11k, 4-A-1 and 4-B-1.~~

~~NOTE: Plans and specifications (eight copies) will be in a form for the developer's use in arranging for construction of water mains and appurtenances. Bidding documents and construction contract forms are not included. If needed by the developer, these latter documents and forms must be provided by the developer and inserted by him in the set of plans and specifications.~~

- b. For the District to check plans and specifications, review and process the environmental materials for the installation of water mains and appurtenances, including fire hydrant service connections in the District, which plans, specifications, and materials were prepared by an engineer retained by the developer and which facilities will become the property of the District upon completion of the installation, the charge shall be based on an engineering estimate of costs prepared by the District.
- c. For the District to inspect installation of water mains and appurtenances, including fire hydrant installations with the mains, and where the installation work is being done by a contractor retained by the developer, the developer is to pay the cost thereof pursuant to Rule 1-V-1.
- d. ~~For the District to prepare and process plans, specifications and environmental materials for construction of waterworks facilities (other than water mains) such as fire hydrant installations only, pumping plants, and reservoirs, the charge shall be 15.0 percent of the estimated construction costs thereof subject to a minimum charge.~~
- e. For the District to check the plans and specifications and review and process the environmental materials for the construction of waterworks facilities (other than the water mains) such as fire hydrant installations only, pumping plants and reservoirs, which plans were prepared by an engineer retained by a developer, the charge shall be based on an engineering estimate of costs prepared by the District plus a charge of 2.1 percent of the estimated construction cost thereof.

- f. For the District to inspect the construction of waterworks facilities (other than water mains) the applicant is to pay the cost thereof pursuant to Rule 1-V-1.
- ~~g. All charges given under a, b, d and e are dependent on the developer (a) furnishing to the District engineering plans for grading of roads in the development and for installation of other utilities and all substructures in the roads, and (b) providing all surveying.~~
- ~~h. For the District to provide surveying for the construction of facilities paid for all or in part by an applicant, per the current rate four-man surveying crew, a day (used in highway situations where a flagman is not required) and per the current rate five-man crew, a day (used in highway situations where a flagman is required).~~
- j. For the District to review geological information and report(s) prepared for and submitted by the developer, there shall be a charge based on an engineering estimate of costs prepared by the District.

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

[The tables have been omitted from these amendments for brevity, as no revisions have been made to their content.]

~~To account for the annual changes in water system construction costs, the Director of Public Works will review the above charges annually before January 1 and adjust these charges by the percentage movement between the previous year and current year of the Construction Cost Index for the Los Angeles Region as published by the Engineering News Record.~~

To account for inflationary changes in water system construction costs, before January 1 of every year, the Director of Public Works or his designee will review the above charges. The charges will be adjusted based on the year-to-year percentage increase in the Construction Cost Index for the Los Angeles Region, as published by the Engineering-News Record, or similar index should this index become unavailable or discontinued.

~~3-A-11l WATER SYSTEM ENGINEERING CHARGES:~~

- l. For an installation where the meter size is different than that shown for the standard service connection and meter installation, the charge shall be based on the service connection size.
- m. For the District to check plans and specifications and process environmental

materials for projects other than listed above, the charge shall be based on an estimate of the District's cost to provide such services.

SECTION 20

Rule 3-A-15 of Part 3 of the Rules and Regulations is hereby amended as follows:

3-A-15 WATER SYSTEM IN SUBDIVISIONS:

- a. Subdivision water systems are defined as water systems required to serve subdivisions of land made in accordance with the applicable water, zoning, and subdivision, ordinances, or Codes, including Record of Survey Map subdivisions or of applicable Codes and Ordinances of the respective city.
- b. All charges for subdivision water systems in the District shall be in accordance with the District Rules and Regulations as determined by the Engineer.
- c. The subdivider of the subdivision shall pay for all engineering for, and construct all water system facilities necessary to serve the subdivision in accordance with, requirements of the District and the applicable Codes or Ordinances of the County or respective city.
- d. ~~Except in Districts No. 40, Region No. 4 and 34, Rule 3-A-4 shall apply to the portion of the water system required to serve the subdivision which is constructed outside of the boundaries of the subdivision.~~
- e. The subdivision shall be considered to be the applicant's premises.
- f. Credit for construction of excess capacity on the in-tract water system shall be allowed; however, such credit shall not exceed System Capacity Charges. ~~to but not to exceed whatever portion of the Capital Improvement Charges remaining after using the applicable Sections of Rule 3-A-4.~~

SECTION 21

Rule 3-A-18 of Part 3 of the Rules and Regulations is hereby amended as follows:

3-A-18 CHARGE FOR REINSTALLING OF PREVIOUSLY REMOVED METER: The District will reinstall a previously removed meter upon the payment of the following charge where the District has not previously refunded the net value of the meter pursuant to Rule 3-A-12.

- a. For a meter 1-inch and less in size\$136.11
- b. For a 1 1/2 -inch meter\$177.26

- c. For a 2-inch meter\$215.24
 For a meter larger than 2 inches, the charge shall be based on an
- d. engineering estimate of current costs.

~~To account for the annual changes in water system construction costs, the Director of Public Works will review the above charges annually before January 1 and adjust these charges by the percentage movement between the previous year and current year of the Construction Cost Index for the Los Angeles Region as published by the Engineering News Record.~~

To account for inflationary changes in water system construction costs, before January 1 of every year, the Director of Public Works or his designee will review the above charges. The charges will be adjusted based on the year-to-year percentage increase in the Construction Cost Index for the Los Angeles Region, as published by the Engineering-News Record, or similar index should this index become unavailable or discontinued.

SECTION 22

Rule 3-A-24 of Part 3 of the Rules and Regulations is hereby amended as follows:

3-A-24 INTERCONNECTION CHARGES: The District will supervise interconnections between the existing water system of the District and the addition to the system as follows (Such connection shall not be made final until all charges therefore have been paid):

- a. For Interconnections Done by the Developer: The District will operate all valves, and direct and supervise the work of the developer in making the interconnection between the existing system of the District and the system installed by the developer. The private contractor shall furnish all materials and other labor to make the interconnection, including performing all resurfacing and other work necessary to produce a finished result.

For interconnection to	
1. 6-inch and smaller water main	\$242.76
For interconnection to 8-inch	
2. water main	\$327.56
For interconnection to 10-inch	
3. water main	\$452.29
For interconnection to 12-inch	
4. water main	\$537.08

For interconnection to 14-inch	
5. water main	\$615.25
For interconnection to 16-inch	
6. water main	\$698.36
For interconnection to 18-inch	
7. water main	\$861.31

~~To account for the annual changes in water system construction costs, the Director of Public Works will review the above charges annually before January 1 and adjust these charges by the percentage movement between the previous year and current year of the Construction Cost Index for the Los Angeles Region as published by the Engineering News Record.~~

To account for inflationary changes in water system construction costs, before January 1 of every year, the Director of Public Works or his designee will review the above charges. The charges will be adjusted based on the year-to-year percentage increase in the Construction Cost Index for the Los Angeles Region, as published by the Engineering-News Record, or similar index should this index become unavailable or discontinued.

- b. For Interconnections Done by the District: At its option, the District may perform the work and furnish the materials to make the interconnection for a charge based on an engineering estimate of current costs.

SECTION 23

Part 4 of the Rules and Regulations is hereby amended as follows:

PART 4 – ~~SCHEDULE OF WATER SUPPLY CHARGES~~ SYSTEM CAPACITY CHARGES

SECTION 24

Section D of Part 4 of the Rules and Regulations is hereby added to read as follows:

SECTION D – SYSTEM CAPACITY CHARGES

4-D-1 APPLICABILITY OF SYSTEM CAPACITY CHARGES:

- a. The System Capacity Charges shall apply to all new permanent service connections and to all applications to increase meter size, within all Districts and the Marina del Rey Water System. The System Capacity Charges shall be due and payable to the District as a prerequisite to receiving water service.

- b. System Capacity Charges shall be determined as the sum of the three components described below and set forth in Rule 4-D-2 (Components of System Capacity Charges).
1. Meter Component. A charge reflecting the development's proportionate share of the capacity of the District's distribution system attributable to the size and capacity of the water meter required to serve the property.
 2. Fire-Flow Component. A charge reflecting the development's proportionate share of the capacity of the District's transmission, distribution, storage, and related facilities required to provide fire-flow service. The Fire-Flow Component shall be based on fire flow requirements established by the local fire authority having jurisdiction.
 3. Water Supply Component. A charge reflecting the development's proportionate share of the costs associated with acquiring additional groundwater production rights required to meet the water supply demands generated by the new development.
- c. The District reserves the right to verify the estimated average annual water demand and to determine the appropriate meter size for the proposed development. The System Capacity Charges shall be based on this determination, and the District's decision shall be final.
- d. For developments with required fire-flow demands not specifically identified in Rule 4-D-2, the fire-flow factor shall be calculated using the following formula:

$$\text{Fire Flow Factor} = \frac{\text{Fire Flow Demand (gpm)} * \text{Fire Flow Duration (min)}}{75,000}$$

The Fire-Flow Component of the System Capacity Charges shall be calculated by multiplying the required fire-flow demand, fire-flow duration, applicable fire-flow factor, and the District's Fire-Flow cost per gallon, as set forth in Rule 4-D-2. The calculation shall be based on a baseline fire-flow demand of 1,250 gallons per minute for a duration of sixty (60) minutes.

- e. The Water Supply Component of the System Capacity Charges shall be based on the estimated average annual water demand of the proposed development, including any net increase in demand for redevelopment projects, as determined by the District using applicable demand factors or other reasonable methodologies.
- f. For an existing service connection, any increase in meter size, required fire flow, or other measure of system capacity shall be subject to System Capacity Charges only for the additional capacity being requested. The

charge shall be calculated based on the incremental difference between the existing level of service and the proposed level of service.

- g. Credit for Existing Connection Replacement: An applicant replacing an existing meter with a meter of the same size or smaller size on an existing service connection shall not be subject to System Capacity Charges. An applicant replacing a meter with a meter of a larger size shall be assessed System Capacity Charges in accordance with Rule 4-D-1 and as set forth in the 4-D-2.
- h. The value of water system facilities, as determined by the District, transferred to and accepted by the District, shall be applied as a credit against applicable System Capacity Charges.
- i. System Capacity Charges are non-refundable.
- j. To account for inflationary changes in water system construction costs, before January 1 of every year, the Director of Public Works or his designee will review the System Capacity Charges set in the Rules and Regulations. January 1 each year, the System Capacity Charges will be adjusted based on the year-to-year percentage increase in the Construction Cost Index for the Los Angeles Region, as published by the Engineering News Record, or similar index should this index become unavailable or discontinued.

4-D-2 COMPONENTS OF SYSTEM CAPACITY CHARGES:

a. DISTRICT 21, KAGEL CANYON

DISTRICT 21, KAGEL CANYON - Meter Component

<u>Meter Size</u>	<u>Billing Units</u>	<u>Meter Component</u>
<u>3/4"</u>	<u>1</u>	<u>\$16,054</u>
<u>1"</u>	<u>2</u>	<u>\$32,109</u>
<u>1 1/2"</u>	<u>3</u>	<u>\$48,163</u>
<u>2"</u>	<u>5</u>	<u>\$80,272</u>
<u>2 1/2"</u>	<u>7</u>	<u>\$112,380</u>
<u>4"</u>	<u>17</u>	<u>\$272,924</u>
<u>6"</u>	<u>33</u>	<u>\$529,793</u>
<u>8"</u>	<u>53</u>	<u>\$850,879</u>
<u>10"</u>	<u>77</u>	<u>\$1,236,183</u>
<u>12"</u>	<u>100</u>	<u>\$1,605,433</u>

DISTRICT 21, KAGEL CANYON - Fire-Flow Component

<u>Fire-Flow Demand (gpm)</u>	<u>Fire-Flow Duration (min)</u>	<u>Fire-Flow Cost per Gallon</u>	<u>Fire-Flow Factor</u>	<u>Fire-Flow Component</u>
<u>1250</u>	<u>60</u>	<u>\$0.0258</u>	<u>1</u>	<u>\$1,935</u>
<u>1500</u>	<u>60</u>	<u>\$0.0258</u>	<u>1.2</u>	<u>\$2,786</u>
<u>2000</u>	<u>120</u>	<u>\$0.0258</u>	<u>3.2</u>	<u>\$19,814</u>
<u>2500</u>	<u>120</u>	<u>\$0.0258</u>	<u>4</u>	<u>\$30,960</u>
<u>3000</u>	<u>180</u>	<u>\$0.0258</u>	<u>7.2</u>	<u>\$100,310</u>
<u>3500</u>	<u>180</u>	<u>\$0.0258</u>	<u>8.4</u>	<u>\$136,534</u>
<u>3750</u>	<u>180</u>	<u>\$0.0258</u>	<u>9</u>	<u>\$156,735</u>
<u>4000</u>	<u>240</u>	<u>\$0.0258</u>	<u>12.8</u>	<u>\$317,030</u>

DISTRICT 21, KAGEL CANYON - Water Supply Component

Not Applicable for this District.

b. DISTRICT 29, MALIBU

DISTRICT 29, MALIBU – Meter Component

<u>Meter Size</u>	<u>Billing Units</u>	<u>Meter Component</u>
<u>3/4"</u>	<u>1</u>	<u>\$14,454</u>
<u>1"</u>	<u>2</u>	<u>\$28,908</u>
<u>1 1/2"</u>	<u>3</u>	<u>\$43,362</u>
<u>2"</u>	<u>5</u>	<u>\$72,270</u>
<u>2 1/2"</u>	<u>7</u>	<u>\$101,178</u>
<u>4"</u>	<u>17</u>	<u>\$245,719</u>
<u>6"</u>	<u>33</u>	<u>\$476,984</u>
<u>8"</u>	<u>53</u>	<u>\$766,065</u>
<u>10"</u>	<u>77</u>	<u>\$1,112,962</u>
<u>12"</u>	<u>100</u>	<u>\$1,445,405</u>

DISTRICT 29, MALIBU – Fire-Flow Component

<u>Fire-Flow Demand (gpm)</u>	<u>Fire-Flow Duration (min)</u>	<u>Fire-Flow Cost per Gallon</u>	<u>Fire-Flow Factor</u>	<u>Fire-Flow Component</u>
<u>1250</u>	<u>60</u>	<u>\$0.0212</u>	<u>1</u>	<u>\$1,590</u>
<u>1500</u>	<u>60</u>	<u>\$0.0212</u>	<u>1.2</u>	<u>\$2,290</u>
<u>2000</u>	<u>120</u>	<u>\$0.0212</u>	<u>3.2</u>	<u>\$16,282</u>
<u>2500</u>	<u>120</u>	<u>\$0.0212</u>	<u>4</u>	<u>\$25,440</u>
<u>3000</u>	<u>180</u>	<u>\$0.0212</u>	<u>7.2</u>	<u>\$82,426</u>
<u>3500</u>	<u>180</u>	<u>\$0.0212</u>	<u>8.4</u>	<u>\$112,190</u>
<u>3750</u>	<u>180</u>	<u>\$0.0212</u>	<u>9</u>	<u>\$128,790</u>
<u>4000</u>	<u>240</u>	<u>\$0.0212</u>	<u>12.8</u>	<u>\$260,506</u>

DISTRICT 29, MALIBU – Water Supply Component

Not Applicable for this District.

c. DISTRICT 36, VAL VERDE

DISTRICT 36, VAL VERDE – Meter Component

<u>Meter Size</u>	<u>Billing Units</u>	<u>Meter Component</u>
<u>¾"</u>	<u>1</u>	<u>\$22,490</u>
<u>1"</u>	<u>2</u>	<u>\$44,981</u>
<u>1 ½"</u>	<u>3</u>	<u>\$67,471</u>
<u>2"</u>	<u>5</u>	<u>\$112,451</u>
<u>2 ½"</u>	<u>7</u>	<u>\$157,432</u>
<u>4"</u>	<u>17</u>	<u>\$382,335</u>
<u>6"</u>	<u>33</u>	<u>\$742,179</u>
<u>8"</u>	<u>53</u>	<u>\$1,191,984</u>
<u>10"</u>	<u>77</u>	<u>\$1,731,751</u>
<u>12"</u>	<u>100</u>	<u>\$2,249,027</u>

DISTRICT 36, VAL VERDE – Fire-Flow Component

<u>Fire-Flow Demand (gpm)</u>	<u>Fire-Flow Duration (min)</u>	<u>Fire-Flow Cost per Gallon</u>	<u>Fire-Flow Factor</u>	<u>Fire-Flow Component</u>
<u>1250</u>	<u>60</u>	<u>\$0.0523</u>	<u>1</u>	<u>\$3,923</u>
<u>1500</u>	<u>60</u>	<u>\$0.0523</u>	<u>1.2</u>	<u>\$5,648</u>
<u>2000</u>	<u>120</u>	<u>\$0.0523</u>	<u>3.2</u>	<u>\$40,166</u>
<u>2500</u>	<u>120</u>	<u>\$0.0523</u>	<u>4</u>	<u>\$62,760</u>
<u>3000</u>	<u>180</u>	<u>\$0.0523</u>	<u>7.2</u>	<u>\$203,342</u>
<u>3500</u>	<u>180</u>	<u>\$0.0523</u>	<u>8.4</u>	<u>\$276,772</u>
<u>3750</u>	<u>180</u>	<u>\$0.0523</u>	<u>9</u>	<u>\$317,723</u>
<u>4000</u>	<u>240</u>	<u>\$0.0523</u>	<u>12.8</u>	<u>\$642,662</u>

DISTRICT 36, VAL VERDE – Water Supply Component

Not Applicable for this District.

d. DISTRICT 37, ACTON

DISTRICT 37, ACTON – Meter Component

<u>Meter Size</u>	<u>Billing Units</u>	<u>Meter Component</u>
<u>¾"</u>	<u>1</u>	<u>\$27,078</u>
<u>1"</u>	<u>2</u>	<u>\$54,156</u>
<u>1 ½"</u>	<u>3</u>	<u>\$81,233</u>
<u>2"</u>	<u>5</u>	<u>\$135,389</u>
<u>2 ½"</u>	<u>7</u>	<u>\$189,545</u>
<u>4"</u>	<u>17</u>	<u>\$460,323</u>
<u>6"</u>	<u>33</u>	<u>\$893,567</u>
<u>8"</u>	<u>53</u>	<u>\$1,435,123</u>
<u>10"</u>	<u>77</u>	<u>\$2,084,991</u>
<u>12"</u>	<u>100</u>	<u>\$2,707,780</u>

DISTRICT 37, ACTON – Fire-Flow Component

<u>Fire-Flow Demand (gpm)</u>	<u>Fire-Flow Duration (min)</u>	<u>Fire-Flow Cost per Gallon</u>	<u>Fire-Flow Factor</u>	<u>Fire-Flow Component</u>
<u>1250</u>	<u>60</u>	<u>\$0.1051</u>	<u>1</u>	<u>\$7,883</u>
<u>1500</u>	<u>60</u>	<u>\$0.1051</u>	<u>1.2</u>	<u>\$11,351</u>
<u>2000</u>	<u>120</u>	<u>\$0.1051</u>	<u>3.2</u>	<u>\$80,717</u>
<u>2500</u>	<u>120</u>	<u>\$0.1051</u>	<u>4</u>	<u>\$126,120</u>
<u>3000</u>	<u>180</u>	<u>\$0.1051</u>	<u>7.2</u>	<u>\$408,629</u>
<u>3500</u>	<u>180</u>	<u>\$0.1051</u>	<u>8.4</u>	<u>\$556,189</u>
<u>3750</u>	<u>180</u>	<u>\$0.1051</u>	<u>9</u>	<u>\$638,483</u>
<u>4000</u>	<u>240</u>	<u>\$0.1051</u>	<u>12.8</u>	<u>\$1,291,469</u>

DISTRICT 37, ACTON – Water Supply Component

Not Applicable for this District.

e. DISTRICT 40, ANTELOPE VALLEY

DISTRICT 40, ANTELOPE VALLEY – Meter Component

<u>Meter Size</u>	<u>Billing Units</u>	<u>Meter Component</u>
<u>¾"</u>	<u>1</u>	<u>\$11,437</u>
<u>1"</u>	<u>2</u>	<u>\$22,874</u>
<u>1 ½"</u>	<u>3</u>	<u>\$34,311</u>
<u>2"</u>	<u>5</u>	<u>\$57,185</u>
<u>2 ½"</u>	<u>7</u>	<u>\$80,059</u>
<u>4"</u>	<u>17</u>	<u>\$194,429</u>
<u>6"</u>	<u>33</u>	<u>\$377,420</u>
<u>8"</u>	<u>53</u>	<u>\$606,160</u>
<u>10"</u>	<u>77</u>	<u>\$880,647</u>
<u>12"</u>	<u>100</u>	<u>\$1,143,698</u>

DISTRICT 40, ANTELOPE VALLEY – Fire-Flow Component

<u>Fire-Flow Demand (gpm)</u>	<u>Fire-Flow Duration (min)</u>	<u>Fire-Flow Cost per Gallon</u>	<u>Fire-Flow Factor</u>	<u>Fire-Flow Component</u>
<u>1250</u>	<u>60</u>	<u>\$0.0232</u>	<u>1</u>	<u>\$1,740</u>
<u>1500</u>	<u>60</u>	<u>\$0.0232</u>	<u>1.2</u>	<u>\$2,506</u>
<u>2000</u>	<u>120</u>	<u>\$0.0232</u>	<u>3.2</u>	<u>\$17,818</u>
<u>2500</u>	<u>120</u>	<u>\$0.0232</u>	<u>4</u>	<u>\$27,840</u>
<u>3000</u>	<u>180</u>	<u>\$0.0232</u>	<u>7.2</u>	<u>\$90,202</u>
<u>3500</u>	<u>180</u>	<u>\$0.0232</u>	<u>8.4</u>	<u>\$122,774</u>
<u>3750</u>	<u>180</u>	<u>\$0.0232</u>	<u>9</u>	<u>\$140,940</u>
<u>4000</u>	<u>240</u>	<u>\$0.0232</u>	<u>12.8</u>	<u>\$285,082</u>

DISTRICT 40, ANTELOPE VALLEY – Water Supply Component

\$10,000 per acre-foot of annual demand (AFY).

f. MARINA DEL REY WATER SYSTEM

MARINA DEL REY WATER SYSTEM – Meter Component

<u>Meter Size</u>	<u>Billing Units</u>	<u>Meter Component</u>
<u>¾"</u>	<u>1</u>	<u>\$7,774</u>
<u>1"</u>	<u>2</u>	<u>\$15,548</u>
<u>1 ½"</u>	<u>3</u>	<u>\$23,322</u>
<u>2"</u>	<u>5</u>	<u>\$38,870</u>
<u>2 ½"</u>	<u>7</u>	<u>\$54,418</u>
<u>4"</u>	<u>17</u>	<u>\$132,158</u>
<u>6"</u>	<u>33</u>	<u>\$256,542</u>
<u>8"</u>	<u>53</u>	<u>\$412,022</u>
<u>10"</u>	<u>77</u>	<u>\$598,598</u>
<u>12"</u>	<u>100</u>	<u>\$777,400</u>

MARINA DEL REY WATER SYSTEM – Fire-Flow Component

<u>Fire-Flow Demand (gpm)</u>	<u>Fire-Flow Duration (min)</u>	<u>Fire-Flow Cost per Gallon</u>	<u>Fire-Flow Factor</u>	<u>Fire-Flow Component</u>
<u>1250</u>	<u>60</u>	<u>\$0.0223</u>	<u>1</u>	<u>\$1,673</u>
<u>1500</u>	<u>60</u>	<u>\$0.0223</u>	<u>1.2</u>	<u>\$2,408</u>
<u>2000</u>	<u>120</u>	<u>\$0.0223</u>	<u>3.2</u>	<u>\$17,126</u>
<u>2500</u>	<u>120</u>	<u>\$0.0223</u>	<u>4</u>	<u>\$26,760</u>
<u>3000</u>	<u>180</u>	<u>\$0.0223</u>	<u>7.2</u>	<u>\$86,702</u>
<u>3500</u>	<u>180</u>	<u>\$0.0223</u>	<u>8.4</u>	<u>\$118,012</u>
<u>3750</u>	<u>180</u>	<u>\$0.0223</u>	<u>9</u>	<u>\$135,473</u>
<u>4000</u>	<u>240</u>	<u>\$0.0223</u>	<u>12.8</u>	<u>\$274,022</u>

MARINA DEL REY WATER SYSTEM – Water Supply Component

Not Applicable for this water system.