

AGENDA



Garden Grove City
Council

Tuesday, November 28,
2023

6:30 PM

Community Meeting
Center 11300 Stanford
Avenue Garden Grove
California 92840

Steve Jones

Mayor

George S. Brietigam

Mayor Pro Tem - District 1

John R. O'Neill

Council Member - District 2

Cindy Tran

Council Member - District 3

Joe DoVinh

Council Member - District 4

Stephanie Klopfenstein

Council Member - District 5

Kim B. Nguyen-Penalosa

Council Member - District 6

Meeting Assistance: Any person requiring auxiliary aids and services, due to a disability, to address the City Council, should contact the City Clerk's Office 72 hours prior to the meeting to arrange for accommodations. Phone: (714) 741-5040.

Agenda Item Descriptions: Are intended to give a brief, general description of the item. The City Council may take legislative action deemed appropriate with respect to the item and is not limited to the recommended action indicated in staff reports or the agenda.

Documents/Writings: Any revised or additional documents/writings related to an item on the agenda distributed to all or a majority of the Council Members within 72 hours of a meeting, are made available for public inspection at the same time (1) in the City Clerk's Office at 11222 Acacia Parkway, Garden Grove, CA 92840, during normal business hours; (2) on the City's website as an attachment to the City Council meeting agenda; and (3) at the Council Chamber at the time of the meeting.

Public Comments: Members of the public who attend the meeting in-person and would like to address the City Council are requested to complete a pink speaker card indicating their name and address, and identifying the subject matter they wish to address. This card should be given to the City Clerk before the meeting begins. General comments are made during "Oral Communications" and should be limited to matters under consideration and/or what the City Council has jurisdiction over. Persons wishing to address the City Council regarding a Public Hearing matter will be called to the podium at the time the matter is being considered.

Manner of Addressing the City Council: After being called by the Mayor, you may approach the podium, it is requested that you state your name for the record, and proceed to address the City Council. All remarks and questions should be addressed to the City Council as a whole and not to individual Council Members or staff members. Any person making impertinent, slanderous, or profane remarks or who becomes boisterous while addressing the City Council shall be called to order by the Mayor. If such conduct continues, the Mayor may order the person barred from addressing the City Council any further during that meeting.

Time Limitation: When any group of persons wishes to address the City Council on the same subject matter, the Mayor may request a spokesperson be chosen to represent the group, so as to

avoid unnecessary repetition. At the City Council's discretion, a limit on the total amount of time for public comments during Oral Communications and/or a further limit on the time allotted to each speaker during Oral Communications may be set.

PLEASE SILENCE YOUR CELL PHONES DURING THE MEETING.

AGENDA

COUNCIL MEMBER O'NEILL, COUNCIL MEMBER TRAN, COUNCIL MEMBER DOVINH, COUNCIL MEMBER KLOPFENSTEIN, COUNCIL MEMBER K. NGUYEN-PENALOZA, MAYOR PRO TEM BRIETIGAM, MAYOR JONES

INVOCATION

PLEDGE OF ALLEGIANCE TO THE FLAG OF THE UNITED STATES OF AMERICA

1. PRESENTATIONS

- 1.a. Community Spotlight in recognition of Colonial Carpet Company for being named the Best Place to Buy Carpet or Flooring in the Orange County Register's 30th Annual Best of Orange County Reader's Choice poll.

2. ORAL COMMUNICATIONS (to be held simultaneously with other legislative bodies)

3. WRITTEN COMMUNICATIONS

- 3.a. Consideration of a written request from the Sister City Association of Garden Grove for co-sponsorship of the 2024 Strawberry Stomp 5K. (Estimated Sponsorship Cost: \$13,000) *(Action Item)*
- 3.b. Consideration of a written request from AYSO Region 59 to waive the City's showmobile stage rental fees for the 2023 Jingle Jam event. *(Action Item)*

RECESS

CONDUCT OTHER LEGISLATIVE BODIES' BUSINESS

RECONVENE

4. CONSENT ITEMS

(Consent Items will be acted on simultaneously with one motion unless separate discussion and/or action is requested by a Council Member.)

- 4.a. Adoption of a Proclamation declaring December 10, 2023, as Human Rights Day in Garden Grove. *(Action Item)*
- 4.b. Acceptance of Project No. 02-2023 - 11277 Garden Grove

Silicone Roofing as complete. (*Action Item*)

- 4.c. Adoption of a Resolution for the Permanent Local Housing Allocation Grant Program and rescinding Resolution No. 9654-20. (*Action Item*)
- 4.d. Receive and file warrants. (*Action Item*)
- 4.e. Approval to waive full reading of ordinances listed. (*Action Item*)

5. PUBLIC HEARINGS

(*Motion to approve will include adoption of each Resolution unless otherwise stated.*)

- 5.a. Introduction and First Reading of an Ordinance Enacting Adjustments in Water Rates and Charges and Authorizing Future Automatic Adjustments in Water Rates to Account for Adopted Increases or Decreases in Wholesale Charges the City Pays to Other Agencies for Water
Entitled:
AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF GARDEN GROVE AMENDING SECTIONS 14.12.010, 14.12.030, AND 14.12.050 OF CHAPTER 14.12 OF TITLE 14 ("WATER") OF THE MUNICIPAL CODE RELATING TO WATER RATES AND CHARGES, AND METER FAILURES (*Action Item*)

6. ITEMS FOR CONSIDERATION

7. ORDINANCES PRESENTED FOR SECOND READING AND ADOPTION

- 7.a. Second reading and adoption of Ordinance No. 2945
Entitled:
AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF GARDEN GROVE AMENDING CHAPTER 6.44 OF TITLE 6 OF THE GARDEN GROVE MUNICIPAL CODE PERTAINING TO REGULATION OF THE SALE OF TOBACCO PRODUCTS. (*Action Item*)
- 7.b. Second reading and adoption of Ordinance No. 2946
Entitled:
AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF GARDEN GROVE APPROVING A ZONING TEXT AMENDMENT TO CHAPTER 9.52 OF TITLE 9 OF THE GARDEN GROVE MUNICIPAL CODE PERTAINING TO RETAIL SALE BY DELIVERY OF MEDICINAL CANNABIS. (*Action Item*)
- 7.c. Second reading and adoption of Ordinance No. 2947
AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF GARDEN GROVE APPROVING AMENDMENT NO. A-038-2023(B), A ZONING TEXT AMENDMENT TO PORTIONS OF CHAPTERS 9.08, 9.12, 9.16, AND 9.18 OF TITLE 9 OF THE CITY OF GARDEN GROVE MUNICIPAL CODE ESTABLISHING ENHANCED STANDARDS FOR THE SCREENING OF MECHANICAL EQUIPMENT WITHIN AN EXTERIOR EQUIPMENT

ENCLOSURE IN RESIDENTIAL ZONES; CLARIFYING HOW THE MAXIMUM PERMITTED HARDSCAPE COVERAGE IN THE FRONT YARD SETBACK IN RESIDENTIAL, COMMERCIAL, INDUSTRIAL, AND OPEN SPACE ZONES IS CALCULATED; AND UPDATING THE STANDARDS FOR ARTIFICIAL TURF IN ALL ZONES. (*Action Item*)

8. MATTERS FROM THE MAYOR, CITY COUNCIL MEMBERS, AND CITY MANAGER

9. ADJOURNMENT

The next Regular City Council Meeting is scheduled for Tuesday, December 12, 2023, at 5:30 p.m. in the Community Meeting Center, 11300 Stanford Avenue, Garden Grove, California, 92840.

City of Garden Grove

INTER-DEPARTMENT MEMORANDUM

To:	Lisa Kim	From:	John Montanez
Dept.:	City Manager	Dept.:	Community Services
Subject:	Consideration of a written request from the Sister City Association of Garden Grove for co-sponsorship of the 2024 Strawberry Stomp 5K. (Estimated Sponsorship Cost: \$13,000) (<i>Action Item</i>)		
		Date:	11/28/2023

OBJECTIVE

For the City Council to consider a written request from the Sister City Association of Garden Grove for co-sponsorship of the 2024 Strawberry Stomp 5K on Saturday, May 25, 2024.

BACKGROUND

The Sister City Association of Garden Grove (Association) is a local non-profit organization that is in good standing with the Internal Revenue Service and has been serving the Garden Grove community since 1989. Each year, the Association sends Garden Grove youth to our sister city, Anyang, South Korea. The Association also hosts youth from Anyang, South Korea as part of the student exchange program.

DISCUSSION

The Association is requesting City Council approval for co-sponsorship of the 2024 Strawberry Stomp 5K. All proceeds from this fundraising event will go directly toward sending Garden Grove students overseas and hosting the incoming exchange students from Anyang, South Korea.

FINANCIAL IMPACT

Co-sponsorship for the 2024 Strawberry Stomp 5K will not require additional appropriation from the City's General Fund. The cost to provide Police and Public Works support including additional street closure hours for this event has been estimated to be approximately \$13,000. This cost is calculated based on the two additional hours that are added to the existing street closure plans for the annual

Strawberry Festival Parade. The additional cost will be absorbed within the current department budgets.

RECOMMENDATION

It is recommended that the City Council:

- Consider the request from the Sister City Association of Garden Grove for co-sponsorship of the 2024 Strawberry Stomp 5K that will be held on Saturday, May 25, 2024.

By: Janet Pelayo
Community Services Deputy Director

ATTACHMENTS:

Description	Upload Date	Type	File Name
Ltr Co-sponsorship Request from Sister City Association of Garden Grove	11/13/2023	Backup Material	Co-Sponsorship_Request- 2024_Strawberry_Stomp_5K.pdf



Sister City Association of Garden Grove

November 10, 2023

City of Garden Grove
Honorable Mayor Steve Jones
11222 Acacia Parkway
Garden Grove, CA 92840

Honorable Mayor and City Councilmembers,

On behalf of the Sister City Association of Garden Grove, I'm writing to request co-sponsorship for the 2024 Strawberry Stomp 5K from the City of Garden Grove. The event will be held on Saturday, May 25, 2024, on Historic Main Street, prior to the Garden Grove Strawberry Festival Parade. In addition to the parade route on Euclid Street and Chapman Avenue, the 5K will require the partial closure of Historic Main Street and Acacia Parkway. Streets will be closed from 6:00 a.m. to 10:00 a.m. that day. We're expecting approximately 1,000 participants.

The estimated cost to the City is \$12,642. While we're unable to cover the entire amount at this time, we're striving to become self-sufficient and are able to contribute \$1,000 toward the City's cost. With the excitement for the return of the Strawberry Stomp 5K in 2023, we hope to increase the contribution in 2025 and beyond.

The Sister City Association of Garden Grove is a non-profit 501(c)(3) organization dedicated to furthering the knowledge and understanding between Garden Grove and its sister city Anyang, Republic of Korea, while providing Garden Grove students the unique opportunity to travel abroad. All proceeds from the Strawberry Stomp 5K will go toward the organization's 2025 Student Exchange Program.

If you need further information, please email ggsistercity@gmail.com.

Sincerely,

Veronica Avila, President
Sister City Association of Garden Grove

P.O. Box CI
Garden Grove, CA 92842
ggsistercity@gmail.com
www.ggsistercity.org

City of Garden Grove

INTER-DEPARTMENT MEMORANDUM

To:	Lisa L. Kim	From:	John Montanez
Dept.:	City Manager	Dept.:	Community Services
Subject:	Consideration of a written request from AYSO Region 59 to waive the City's showmobile stage rental fees for the 2023 Jingle Jam event. (<i>Action Item</i>)	Date:	11/28/2023

OBJECTIVE

To transmit a letter on behalf of the AYSO Region 59 organization requesting that the City Council consider waiving the rental fees for use of the City's showmobile stage for the annual Jingle Jam event scheduled on Friday, December 8, 2023 at Eastgate Park.

BACKGROUND

Since 2017, AYSO Region 59 has been the sponsoring non-profit organization for the annual Jingle Jam event. The community event is a free and festive night of holiday activities that include photos with Santa, train rides, stage performances from local groups and students, a vendor village and craft activities.

The AYSO Region 59 is a 501(c)3 organization that is in good standing with the Internal Revenue Service.

DISCUSSION

The AYSO Region 59 is requesting City Council approval to waive the rental fees for use of the city's showmobile stage for this year's Jingle Jam event scheduled on Friday, December 8, 2023 at Eastgate Park.

FINANCIAL IMPACT

Approval of this request will forego the revenue that would otherwise be collected for the rental of the City's showmobile stage, in the amount of \$350.

RECOMMENDATION

It is recommended that the City Council:

- Consider the written request from AYSO Region 59 to waive the rentals fee of \$350 for use of the City's showmobile stage for the Jingle Jam event on Friday, December 8, 2023 at Eastgate Park.

By: Janet Pelayo
Community Services Deputy Director

ATTACHMENTS:

Description	Upload Date	Type	File Name
Ltr Request from AYSO Region 59	11/15/2023	Letter	AYSO_Region_59_- _Ltr_Request_to_waive_showmobile_rental_fee.pdf



November 15, 2023

To: City of Garden Grove

AYSO Region 59 is requesting City Council approval to waive the rental fees for the use of the city's showmobile stage for this year's Jingle Jam event scheduled on Friday, December 8, 2023 at Eastgate Park.

Since 2017, AYSO Region has been the sponsoring non-profit organization for the annual Jingle Jam event. The community event is a free and festive night of holiday activities that include photos with Santa, train rides, stage performances from local groups and students, a vendor village and craft activities. The AYSO Region 59 is a 501(c)3 organization that is in good standing with the Internal Revenue Service.

Signed,

Gena Bowen

Regional Commissioner

AYSO Region 59

ayso59rc@gmail.com

City of Garden Grove

INTER-DEPARTMENT MEMORANDUM

To: Lisa L. Kim From: Teresa Pomeroy
Dept.: City Manager Dept.: City Clerk
Subject: Adoption of a Proclamation declaring December 10, 2023, as Human Rights Day in Garden Grove. (*Action Item*) Date: 11/28/2023

Attached is the annual Proclamation declaring December 10, 2023, as Human Rights Day recommended for adoption.

ATTACHMENTS:

Description	Upload Date	Type	File Name
Proclamation	11/22/2023	Proclamation	11-28-23_Human_Rights_Day_-_December_10.pdf

PROCLAMATION

December 10, 2023 as Human Rights Day in Garden Grove

WHEREAS, on December 10, 1948, the General Assembly of the United Nations adopted the first Universal Declaration of Human rights, proclaiming that "All human beings are born free and equal in dignity and rights";

WHEREAS, since this historic declaration 74 years ago, December 10 has been recognized internationally as Human Rights Day;

WHEREAS, in 2023, Human Rights Day is focusing on "Consolidating and Sustaining Human Rights Culture into the Future";

WHEREAS, the Universal Declaration asserts that recognition of the inherent dignity and of the equal and inalienable rights of all members of the human family is the foundation of freedom, justice, and peace;

WHEREAS, disregard and contempt for human rights have resulted in acts which have outraged the conscience of humankind;

WHEREAS, a world in which human beings shall enjoy freedom of speech and belief and freedom from fear and want has been proclaimed as the highest aspiration of the common people;

WHEREAS, the Universal Declaration is referred to as the authoritative definition of human rights standards and increasingly referred to as customary international law, which all countries must abide;

WHEREAS, the primary responsibility to promote respect for these rights and freedoms lies with each individual and each of us can play a major role in enhancing human rights; and

WHEREAS, the City of Garden Grove, reaffirms its faith in fundamental human rights, in the dignity and worth of every human person, in the global right to safe migration for all immigrants and refugees, in the equal rights of men and women, and has determined to promote social progress and better standards of human life.

NOW, THEREFORE BE IT PROCLAIMED that the City of Garden Grove declares December 10, 2023, to be Human Rights Day in Garden Grove, and encourages all citizens to continue a commitment to upholding freedom, democracy and human rights in our community and around the globe.

November 28, 2023

City of Garden Grove

INTER-DEPARTMENT MEMORANDUM

To:	Lisa L. Kim	From:	Ursula Luna-Reynosa
Dept.:	City Manager	Dept.:	Economic Development & Housing Authority
Subject:	Acceptance of Project No. 02-2023 - 11277 Garden Grove Silicone Roofing as complete. (<i>Action Item</i>)	Date:	11/28/2023

OBJECTIVE

For City Council to accept Project No. 02-2023, 11277 Garden Grove Silicone Roofing Project, as complete and authorize the City Manager to execute the Notice of Completion of Public Improvement and Work.

BACKGROUND

On April 11, 2023, a construction contract in the amount of \$131,736 was awarded to AME Builders, Inc., dba AME Roofing, for certain improvements including the installation of a silicone roofing material, per the approved plans and specifications, for the City facility located at 11277 Garden Grove Boulevard (Contract). The silicone roofing material option was determined by Public Works Facilities to be a cost effective solution for a seamless waterproofing system that will extend the life of the existing roofing material and prevent water leaks. On June 27, 2023, City Council approved a change order for the Contract, an additional amount of \$33,305, for asbestos testing and abatement, air compressor removal, roof hatch rotation, silicone coating for metal coping, and new equipment screen coping. In order to complete the requested work, an additional twenty (20) days were added to complete the Contract work.

DISCUSSION

The contractor, AME Roofing has completed the work in accordance with the plans, specifications, contract, and other related documents.

FINANCIAL IMPACT

There is no financial impact to accept the Project as complete. The retention payment will be released per schedule after recordation of the Notice of Completion.

RECOMMENDATION

It is recommended that the City Council:

- Accept the 11277 Garden Grove Silicone Roofing Project No. 02-2023 as complete;
- Authorize the City to Manager to execute the Notice of Completion of Public Works Improvements and Work, and
- Authorize the Finance Director to release the retention payment when appropriate to do so.

By: Paul Guerrero, Real Property Agent

ATTACHMENTS:

Description	Upload Date	Type	File Name
Notice of Completion	11/20/2023	Notice	City_of_Garden_Grove_-_AME_Roofing_-_11277_Garden_Grove_Silicon_Roofing_Project_No._02-2023_-_Notice_of_Completion_-_November_28__2023.doc

RECORDING REQUESTED BY

When Recorded Mail To:

City Clerk
City of Garden Grove
P. O Box 3070
Garden Grove, CA 92842

This document is exempt from
payment of recording fee pursuant
to Section 27383 of the Government
Code. By:

**NOTICE OF COMPLETION
OF PUBLIC IMPROVEMENT AND WORK**

NOTICE IS HEREBY GIVEN that the City of Garden Grove, Orange County, California, has caused an interior office improvement project, to wit:

PROJECT NO. 02-2023
11277 Garden Grove Silicone Roofing Project No. 02-2023

Notice is hereby given by the undersigned that the 11277 Garden Grove Silicone Roofing Project No. 02-2023 has been completed. The contract for furnishing of all labor, services, materials, equipment, transportation, and installation, and performing all work necessary to construct and complete, in a good and workmanlike manner in strict accordance with the specifications and drawings therefore on file in the office of the City Clerk of the City of Garden Grove, for the construction, installation, and completion of the above-described public improvement and work, was heretofore made and entered into with AME Builders, dba AME Roofing, on the 28th day of November, 2023, and filed for record in the office of the City Clerk of the City of Garden Grove; that the work upon said public improvement has been completed, and that the City Staff has notified the City Council that City Staff has made and completed a final inspection of the materials furnished and the work performed in the construction, installation, and completion of said public improvement hereinabove more particularly described and set forth, and has certified in writing to the City Council that all the provisions of the contract and contract documents for the furnishing of all labor, services, materials, equipment, transportation, installation, and the performing of all work necessary for the construction, installation, and completion of said public improvement project above described have been fully complied with to City Staff satisfaction as required by the contract document; that final acceptance of the construction, installation, and completion of said public improvement project above described was made on the 28th day of November 2023; that the nature of the title to said property of said City of Garden Grove is as follows: That is to say, it owns said improvement in fee upon which it was constructed of said public improvements and work hereinabove described and the use thereof after said completion; that the property hereinabove referred to and on which said public improvements is situated is described as follows, to wit:

PROJECT NO. 02-2023
11277 Garden Grove Silicone Roofing Project No. 02-2023

NAME OF SURETY on Labor and Material Bond is: GREAT AMERICAN INSURANCE COMPANY
ATTENTION:
750 THE CITY DRIVE, #470
ORANGE, CA 92868
Tel. No. (626) 859-1000

DATED this _____ day of _____ 20 ____

CITY OF GARDEN GROVE

By _____
Lisa L. Kim
City Manager

ATTEST:

By _____
Teresa Pomeroy
City Clerk

STATE OF CALIFORNIA
COUNTY OF ORANGE

I am the Director of Economic Development and Housing Department.

I have read the foregoing Notice of Completion of Public Improvement and Work, and know the contents thereof; and I certify that the same is true of my own knowledge, except as to those matters, which are therein stated upon my information or belief, and as to those matters I believe to be true.

I certify (or declare), under penalty of perjury, that the foregoing is true and correct.

Executed on November 28, 2023 at Garden Grove, California
(Date) (Place)

Ursula Luna-Reynosa
Director of Economic Development and
Housing Department

City of Garden Grove

INTER-DEPARTMENT MEMORANDUM

To:	Lisa L. Kim	From:	Ursula Luna-Reynosa
Dept.:	City Manager	Dept.:	Economic Development and Housing Authority
Subject:	Adoption of a Resolution for the Permanent Local Housing Allocation Grant Program and rescinding Resolution No. 9654-20. (<i>Action Item</i>)		
		Date:	11/28/2023

OBJECTIVE

The purpose of this memorandum is to request that the City Council adopt a Resolution for the Permanent Local Housing Allocation (PLHA) Grant, authorizing the City Manager to execute any PLHA associated documents; and rescinding Resolution No. 9654-20.

BACKGROUND

On July 14, 2020, the City Council conducted a Public Hearing for the PLHA 5-Year Plan (Attachment 2) and use of PLHA Program funds, and adopted Resolution No. 9654-20 authorizing then City Manager, Scott Stiles, to execute the PLHA Grant Application, PLHA standard agreement and any associated documents.

The grant provides funding for housing-related projects and programs that assist in addressing the unmet housing needs of the community. Garden Grove was awarded \$5,966,058 for the production of affordable housing to households at or below 60% of the Area Median Income; operation of the Yale Transitional Center providing shelter and services to homeless individuals; and for a First Time Homebuyer Program offering down payment assistance loans to low income households.

DISCUSSION

The California Department of Housing and Community Development (HCD) has requested for the City Council to adopt a new resolution that authorizes our current City Manager to execute PLHA forms and documents and rescinds the previous Resolution No. 9654-20. The new resolution will allow staff to continue to implement PLHA approved activities and for the City to be reimbursed for these activities by HCD through our grant allocation.

FINANCIAL IMPACT

There is no impact to the General Fund; rescinding Resolution No. 9654-20 and adopting the attached Resolution will allow the City to continue to expend PLHA funds to address the unmet housing needs of our community.

RECOMMENDATION

It is recommended the City Council:

- Adopt the Resolution for the Permanent Local Housing Allocation (PLHA) Grant, authorize the City Manager to execute any PLHA associated documents; and rescind Resolution No. 9654-20.

By: Monica Covarrubias
Senior Project Manager
Office of Economic Development

ATTACHMENTS:

Description	Upload Date	Type	File Name
Resolution	11/15/2023	Resolution	Appeal_Resolution_No._9654-20.pdf
5-Year PLHA Plan	11/14/2023	Backup Material	PLHA_Grant_5-Year_Plan.pdf

GARDEN GROVE CITY COUNCIL

RESOLUTION NO.

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF GARDEN GROVE
AUTHORIZING THE APPLICATION AND ADOPTING THE PLHA PLAN FOR THE
PERMANENT LOCAL HOUSING ALLOCATION PROGRAM AND RESCINDING
RESOLUTION NO. 9654-20

A necessary quorum and majority of the City Council of the City of Garden Grove, a municipal corporation ("Applicant") hereby consents to, adopts and ratifies the following resolution:

WHEREAS, the Department is authorized to provide up to \$335 million under the SB2 Permanent Local Housing Allocation Program Formula Component from the Building Homes and Jobs Trust Fund for assistance to Cities and Counties (as described in Health and Safety Code section 50470 et seq. (Chapter 364, Statutes of 2017 (SB 2)));

WHEREAS the State of California (the "State"), Department of Housing and Community Development ("Department") issued a Notice of Funding Availability ("NOFA") dated 02/26/2020 under the Permanent Local Housing Allocation (PLHA) Program;

WHEREAS the City of Garden Grove is an eligible Local government who has applied for program funds to administer one or more eligible activities, or a Local or Regional Housing Trust Fund to whom an eligible Local government delegated its PLHA formula allocation;

WHEREAS on July 14 202, the Applicant adopted Resolution No. 9654-20 authorizing its then City Manager to execute the PLHA Program application and related documents and applicant wishes to now update the resolution with the current authorized officer;

WHEREAS the Department may approve funding allocations for PLHA Program, subject to the terms and conditions of the Guidelines, NOFA, Program requirements, the Standard Agreement, and other contracts between the Department and PLHA grant recipients.

NOW THEREFORE BE IT RESOLVED THAT:

Section 1. If Applicant receives a grant of PLHA funds from the Department pursuant to the abovereferenced PLHA NOFA, it represents and certifies that it will use all such funds in a manner consistent and in compliance with all applicable state and federal statutes, rules, regulations, and laws, including without limitation all rules and laws regarding the PLHA Program, as well as any and all

contracts Applicant may have with the Department.

Section 2. Applicant is hereby authorized and directed to receive a PLHA grant, in an amount not to exceed the five-year estimate of the PLHA formula allocations, as stated in Appendix C of the current NOFA \$5,966,058.00, in accordance with all applicable rules and laws.

Section 3. Applicant hereby agrees to use the PLHA funds for eligible activities as approved by the Department and in accordance with all Program requirements, Guidelines, other rules and laws, as well as in a manner consistent and in compliance with the Standard Agreement and other contracts between the Applicant and the Department.

Section 4. Pursuant to Section 302(c)(4) of the Guidelines, Applicant's PLHA Plan for the 2019-2023 Allocations is attached to this resolution, and Applicant hereby adopts this PLHA Plan and certifies compliance with all public notice, public comment, and public hearing requirements in accordance with the Guidelines.

Section 5. Applicant certifies that it was delegated by Garden Grove City Council to submit an application on its behalf and administer the PLHA grant award for the formula allocation of PLHA funds, pursuant to Guidelines Section 300(c) and 300(d), and the legally binding agreement between the recipient of the PLHA funds and the Applicant is submitted with the PLHA application.

Section 6. Applicant certifies that it has or will subgrant some or all of its PLHA funds to another entity or entities. Pursuant to Guidelines Section 302(c)(3), "entity" means a housing developer or program operator, but does not mean an administering Local government to whom a Local government may delegate its PLHA allocation.

Section 7. Applicant certifies that its selection process of these subgrantees was or will be accessible to the public and avoided or shall avoid any conflicts of interest.

Section 8. Pursuant to Applicant's certification of this resolution, the PLHA funds will be expended only for eligible Activities and consistent with all program requirements.

Section 9. Applicant certifies that, if funds are used for the acquisition, construction or rehabilitation of for-sale housing projects or units within for-sale housing projects, the grantee shall record a deed restriction against the property that will ensure compliance with one of the requirements stated in Guidelines Section 302(c)(6)(A),(B) and (C).

Section 10. Applicant certifies that, if funds are used for the development of an Affordable Rental Housing Development, the Local government shall make PLHA assistance in the form of a low-interest, deferred loan to the Sponsor of the

Project, and such loan shall be evidenced through a Promissory Note secured by a Deed of Trust and a Regulatory Agreement shall restrict occupancy and rents in accordance with a Local government-approved underwriting of the Project for a term of at least 55 years.

Section 11. Applicant shall be subject to the terms and conditions as specified in the Standard Agreement, the PLHA Program Guidelines and any other applicable SB 2 Guidelines published by the Department.

Section 12. The City Manager of the City of Garden Grove is/are authorized to execute the PLHA Program Application, the PLHA Standard Agreement and any subsequent amendments or modifications thereto, as well as any other documents which are related to the Program of the PLHA grant awarded to Applicant, as the Department may deem appropriate.

Section 13. That Teresa Pomeroy, City Clerk of the City of Garden Grove, California, does hereby attest and certify that the attached Resolution is a true, full and correct copy of a resolution duly adopted at a meeting of the Garden Grove City Council which was duly convened and held on the date stated thereon, and that said document has not been amended, modified, repealed or rescinded since its date of adoption and it is in full force and effect as of the date hereof.

Adopted this ____ day of _____ 2023.

§302(c)(4) Plan													Rev. 5/20/20
<p>§302(c)(4)(A) Describe the manner in which allocated funds will be used for eligible activities.</p> <p>City of Garden Grove plans to use PLHA funds for 3 activities: 1) Matching portions of funds available through the Low- and Moderate-Income Housing Asset Fund to develop affordable rental housing for households at or below 60% AMI; 2) to continue the administration of a First Time Home Buyer Program that makes downpayment assistance loans to households at or below 80% AMI; and 3) to provide operating and capital costs for the Yale Transitional Center, a 425-bed shelter for the homeless.</p>													
<p>§302(c)(4)(B) Provide a description of the way the Local government will prioritize investments that increase the supply of housing for households with incomes at or below 60 percent of Area Median Income (AMI).</p> <p>The City of Garden Grove, as a Housing Successor Agency, is anticipating the receipt of approximately \$9M over the next three years into its Low- and Moderate-Income Housing Asset Fund (LMIHAF) for the production of affordable housing for households at or below 60% AMI, with a goal of designating 30% of all units produced to extremely low-income households earning up to 30% AMI. Activity #1 (seen above) will allow the City to leverage these LMIHAF funds and significantly increase the number of affordable rental units able to be produced. All rental units produced with these funds will have a Deed-restricted affordability period of no less than 55 years.</p>													
<p>§302(c)(4)(C) Provide a description of how the Plan is consistent with the programs set forth in the Local Government's Housing Element.</p> <p>The City of Garden Grove's 2014-2021 Housing Element includes 15 Programs, seven (7) of which are consistent with the activities contained herein. The applicable Programs are: Program 3: Multi-Family Acquisition and Rehabilitation, Program 4: Affordable Housing Construction; Program 6: Home Ownership Assistance, Program 7: Preservation of Affordable Rental Housing, Program 9: Mixed Use Development, Program 10: Special Needs Housing, and Program 14: Homeless Housing Needs. All PLHA Grant funds received will be used for purposes that further the priority goals identified in the City's State-approved Housing Element.</p>													
<p>Activities Detail (Activities Detail (Must Make a Selection on Formula Allocation Application worksheet under Eligible Activities, §301))</p>													
<p>§301(a)(1) The predevelopment, development, acquisition, rehabilitation, and preservation of multifamily, residential live-work, rental housing that is affordable to extremely low-, very low-, low-, or moderate-income households, including necessary Operating subsidies.</p>													
<p>§301(a)(2) The predevelopment, development, acquisition, rehabilitation, and preservation of Affordable rental and ownership housing, including Accessory Dwelling Units (ADUs), that meets the needs of a growing workforce earning up to 120 percent of AMI, or 150 percent of AMI in high-cost areas. ADUs shall be available for occupancy for a term of no less than 30 days.</p>													
<p>§301(a)(3) Matching portions of funds placed into Local or Regional Housing Trust Funds.</p>													
<p>§301(a)(4) Matching portions of funds available through the Low- and Moderate-Income Housing Asset Fund pursuant to subdivision (d) of HSC Section 34176.</p>													
<p>§302(c)(4)(E)(i) Provide a description of how allocated funds will be used for the proposed Activity.</p>												Percentage of Funds Allocated for Affordable Owner-occupied Workforce Housing	0%
<p>The City of Garden Grove, as a Housing Successor Agency, is anticipating the receipt of approximately \$9M over the next three years into its Low- and Moderate-Income Housing Asset Fund (LMIHAF) for the production of affordable housing for households at or below 60% AMI, with a goal of designating 30% of all units produced to extremely low-income households earning up to 30% AMI. Utilizing PLHA Grant funds as matching funds will allow the City to leverage LMIHAF funds and significantly increase the number of affordable rental units able to be produced. All rental units produced with these funds will have a Deed-restricted affordability period of no less than 55 years.</p>													
<p>Complete the table below for the proposed Activity to be funded with 2019-2023 PLHA allocations. If a single Activity will be assisting households at more than one level of Area Median Income, please list the Activity as many times as needed to capture all of the AMI levels that will be assisted, but only show the percentage of annual funding allocated to the Activity one time (to avoid double counting).</p>													
Funding Allocation Year	2019	2020	2021	2022	2023								
Type of Affordable Housing Activity	Rental	Rental	Rental	Rental	Rental								
§302(c)(4)(E)(i) Percentage of Funds Allocated for the Proposed Activity	65.00%	85.00%	85.00%	85.00%	85.00%								
§302(c)(4)(E)(ii) Area Median Income Level Served	60%	60%	60%	60%	60%								TOTAL

§302(c)(4)(E)(ii) Unmet share of the RHNA at AMI Level	28	28	28	28	28										140
§302(c)(4)(E)(ii) Projected Number of Households Served	28	28	28	28	28										140
§302(c)(4)(E)(iv) Period of Affordability for the Proposed Activity (55 years required for rental housing projects)	55	55	55	55	55										
§302(c)(4)(E)(iii) A description of major steps/actions and a proposed schedule for the implementation and completion of the Activity.															
<p>Potential Project #1: The City is in discussions with a developer to produce a 60-unit, mixed-use, affordable housing project for households at or below 60% AMI. The developer has purchased the land and their tentative timeline is as follows: Begin construction 10/1/20, tenant selection 1/1/23, complete construction 4/1/23, lease-up 7/1/23.</p> <p>Potential Project #2: The City is in discussions with a developer to produce an 80-unit affordable housing project for households at or below 60% AMI.</p> <p>All Projects: Per HSC 34176, LMIHAF funds in excess of \$1M must be expended within three (3) years of receipt. The PLHA funds allocated as LMIHAF match will be used as leverage to greatly increase the production of affordable housing units available to households at or below 60% AMI.</p>															
§301(a)(5) Capitalized Reserves for Services connected to the preservation and creation of new permanent supportive housing.															
§301(a)(6) Assisting persons who are experiencing or At risk of homelessness, including, but not limited to, providing rapid rehousing, rental assistance, supportive/case management services that allow people to obtain and retain housing, operating and capital costs for navigation centers and emergency shelters, and the new construction, rehabilitation, and preservation of permanent and transitional housing.															
§302(c)(4)(E)(i) Provide a description of how allocated funds will be used for the proposed Activity.															
<p>The City of Garden Grove will use \$224,000 of PLHA money to fund operating and capital costs for the Yale Transitional Center, a 425-bed Navigation Center for the homeless.</p> <p>Complete the table below for each proposed Activity to be funded with 2019-2023 PLHA allocations. If a single Activity will be assisting households at more than one level of Area Median Income, please list the Activity as many times as needed to capture all of the AMI levels that will be assisted, but only show the percentage of annual funding allocated to the Activity one time (to avoid double counting).</p>															
Funding Allocation Year	2019														
Type of Activity for Persons Experiencing or At Risk of Homelessness	Navigation Centers														
§302(c)(4)(E)(i) Percentage of Funds Allocated for the Proposed Activity	25.00%														
§302(c)(4)(E)(ii) Area Median Income Level Served	30%														TOTAL
§302(c)(4)(E)(ii) Unmet share of the RHNA at AMI Level															0

§302(c)(4)(E)(ii) Projected Number of Households Served															0
§302(c)(4)(E)(iv) Period of Affordability for the Proposed Activity (55 years required for rental housing projects)															
§302(c)(4)(E)(iii) A description of major steps/actions and a proposed schedule for the implementation and completion of the Activity.															
On November 19, 2019, the Orange County Board of Supervisors approved an Agreement with Shelter Providers of Orange County, Inc. dba HomeAid Orange County (HomeAid) for the construction of the Yale Transitional Center on County-owned property located at 2229 South Yale Street, Santa Ana (Facility). The Yale Transitional Center will provide shelter and supportive services for up to 425 individuals experiencing homelessness from the Central Service Planning Area. The construction completion of the Facility and issuance of the Temporary Certificate of Occupancy is expected to be on or before December 31, 2020.															
§301(a)(7) Accessibility modifications in Lower-income Owner-occupied housing.															
§301(a)(8) Efforts to acquire and rehabilitate foreclosed or vacant homes and apartments.															
§301(a)(9) Homeownership opportunities, including, but not limited to, down payment assistance.															
§302(c)(4)(E)(i) Provide a description of how allocated funds will be used for the proposed Activity.											Percentage of Funds Allocated for Affordable Owner-occupied Workforce Housing (AOWH)				
The City will use PLHA funds to subsidize a First Time Home Buyer (FTHB) Program that provides down payment assistance loans of up to \$50,000 to households at or below 80% AMI. For the past two years, the City has administered a FTHB Program using CalHome Reuse funds to issue a total of nine (9) down payment assistance loans. Our FTHB Program is partnered with the Workforce Initiative Subsidy for Homeownership (WISH) Program, which offers a 4:1 matching grant to low-income home buyers. The award of PLHA Grant funds will allow the City to continue providing down payment assistance loans to low-income homebuyers.															
Complete the table below for each proposed Activity to be funded with 2019-2023 PLHA allocations. If a single Activity will be assisting households at more than one level of Area Median Income, please list the Activity as many times as needed to capture all of the AMI levels that will be assisted, but only show the percentage of annual funding allocated to the Activity one time (to avoid double counting).															
Funding Allocation Year	2019	2020	2021	2022	2023										
Type of Homeowner Assistance	Home Buyer Assistance	Home Buyer Assistance	Home Buyer Assistance	Home Buyer Assistance	Home Buyer Assistance										
§302(c)(4)(E)(i) Percentage of Funds Allocated for the Proposed Activity	10.00%	10.00%	10.00%	10.00%	10.00%										
§302(c)(4)(E)(ii) Area Median Income Level Served	80%	80%	80%	80%	80%										TOTAL
§302(c)(4)(E)(ii) Unmet share of the RHNA at AMI Level															0
§302(c)(4)(E)(ii) Projected Number of Households Served															0

§302(c)(4)(E)(iv) Period of Affordability for the Proposed Activity	2	2	2	2	2									
§302(c)(4)(E)(iii) A description of major steps/actions and a proposed schedule for the implementation and completion of the Activity. The City currently administers an HCD-approved FTHB Program subsidized with CalHome Reuse Account Funds. We have HCD-approved Loan Servicing, Reuse Account, and Home Buyer Education Plans that will be used in conjunction with PLHA funded FTHB loans. The City is ready to begin administering the PLHA FTHB Program as soon as the funds are approved for use.														
§301(a)(10) Fiscal incentives made by a county to a city within the county to incentivize approval of one or more affordable housing Projects, or matching funds invested by a county in an affordable housing development Project in a city within the county, provided that the city has made an equal or greater investment in the Project. The county fiscal incentives shall be in the form of a grant or low-interest loan to an affordable housing Project. Matching funds investments by both the county and the city also shall be a grant or low-interest deferred loan to the affordable housing Project.														
File Name:	Plan Adoption	§302(c)(4)(D) Evidence that the Plan was authorized and adopted by resolution by the Local jurisdiction and that the public had an adequate opportunity to review and comment on its content.									Attached and on USB?		Yes	

City of Garden Grove

INTER-DEPARTMENT MEMORANDUM

To: Lisa L. Kim From: Patricia Song
Dept.: City Manager Dept.: Finance
Subject: Receive and file warrants. Date: 11/28/2023
(*Action Item*)

Attached are the warrants recommended to be received and filed.

ATTACHMENTS:

Description	Upload Date	Type	File Name
Warrants	11/16/2023	Warrants	09272023.pdf
Warrants	11/16/2023	Warrants	10012023.pdf
Warrants	11/16/2023	Warrants	10042023.pdf
Warrants	11/16/2023	Warrants	10112023.pdf
Warrants	11/16/2023	Warrants	10182023.pdf
Warrants	11/16/2023	Warrants	11102023PR.pdf



City of Garden Grove
Certificate of Warrants
Register Dates:
09/27/2023

This is to certify the demands covered by Wire numbers 00001806 through 00001856, EFT numbers 00041931 through 00041969 and check numbers 00689699 through 00689789 inclusive as listed on this register and have been verified by the Finance Division as properly issued and bear all proper signatures.

A handwritten signature in black ink, appearing to read 'Patricia Song', positioned above a horizontal line.

Finance Director
Patricia Song

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register
Check Dates Between Sep 21, 2023 and Sep 30, 2023
Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Nov 9, 2023 5:05:08 PM

Page 1

AP - Checking Account

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00001806	V00789	SO CALIF EDISON CO	09/27/2023	\$870,399.33
00001807	V00789	SO CALIF EDISON CO	09/27/2023	\$123,956.32
00001808	V00789	SO CALIF EDISON CO	09/27/2023	\$549.66
00001809	V00789	SO CALIF EDISON CO	09/27/2023	\$64,989.00
00001810	V00789	SO CALIF EDISON CO	09/27/2023	\$110.13
00001811	V00686	FRONTIER COMMUNICATION	09/27/2023	\$1,370.17
00001812	V00819	VERIZON WIRELESS-LA	09/27/2023	\$20,341.06
00001813	V00805	SPECTRUM	09/27/2023	\$2,922.45
00001814	V00792	SO CALIF GAS CO	09/27/2023	\$15,112.91
00001815	V00792	SO CALIF GAS CO	09/27/2023	\$940.46
00001816	V00792	SO CALIF GAS CO	09/27/2023	\$9,173.76
00001817	V00789	SO CALIF EDISON CO	09/27/2023	\$356.13
00001818	V00789	SO CALIF EDISON CO	09/27/2023	\$156,167.02
00001819	V00789	SO CALIF EDISON CO	09/27/2023	\$16,926.22
00001820	V00789	SO CALIF EDISON CO	09/27/2023	\$6,756.31
00001821	V00789	SO CALIF EDISON CO	09/27/2023	\$15.46
00001822	V00789	SO CALIF EDISON CO	09/27/2023	\$6,685.61
00001823	V00789	SO CALIF EDISON CO	09/27/2023	\$93.08
00001824	V00789	SO CALIF EDISON CO	09/27/2023	\$221.56
00001825	V00789	SO CALIF EDISON CO	09/27/2023	\$144.95
00001826	V02088	VISION SERVICE PLAN -	09/27/2023	\$7,700.50
00001827	V02088	VISION SERVICE PLAN -	09/27/2023	\$7,723.55
00001828	V01478	ANAHEIM ORANGE COUNTY	09/27/2023	\$181,432.05
00001829	V00691	CITY OF GARDEN GROVE-W	09/27/2023	\$435,150.04
00001830	V02087	DELTA CARE USA	09/27/2023	\$5,298.56
00001831	V01539	DELTA DENTAL OF CALIFO	09/27/2023	\$26,118.94
00001832	V00732	THE LINCOLN NATIONAL L	09/27/2023	\$8,505.62
00001833	V00732	THE LINCOLN NATIONAL L	09/27/2023	\$10,555.18
00001834	V00732	THE LINCOLN NATIONAL L	09/27/2023	\$10,682.08
00001835	V00541	MUNICIPAL WATER DISTRI	09/27/2023	\$64,535.80
00001836	V01579	ORANGE COUNTY FIRE AUT	09/27/2023	\$2,171,344.17
00001837	V01596	PUBLIC EMPLOYEES' RETI	09/27/2023	\$690,929.91
00001838	V01596	PUBLIC EMPLOYEES' RETI	09/27/2023	\$593,811.34

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register
Check Dates Between Sep 21, 2023 and Sep 30, 2023
Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Nov 9, 2023 5:05:08 PM

Page 2

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00001839	V01596	PUBLIC EMPLOYEES' RETI	09/27/2023	\$598,925.35
00001840	V01596	PUBLIC EMPLOYEES' RETI	09/27/2023	\$595,600.11
00001841	V01545	CITY OF GARDEN GROVE-L	09/27/2023	\$61,780.86
00001842	V02036	US BANK TRUST NA	09/27/2023	\$2,857,248.95
00001843	V02036	US BANK TRUST NA	09/27/2023	\$3,550,741.68
00001844	V02036	US BANK TRUST NA	09/27/2023	\$154,236.95
00001845	PC000575	US BANK PCARD AUTO PAYMENT	09/27/2023	\$46,628.00
00001846	V02724	DEPARTMENT OF THE TREA	09/27/2023	\$340,266.32
00001847	V01375	EMPLOYMENT DEVELOPMENT	09/27/2023	\$106,051.86
00001848	V02725	EMPOWER RETIREMENT, LL	09/27/2023	\$128,929.57
00001849	V02152	EXPERT PAY CHILD SUPPO	09/27/2023	\$2,496.44
00001850	V02091	MARYLAND CHILD SUPPORT	09/27/2023	\$343.38
00001851	V02724	DEPARTMENT OF THE TREA	09/27/2023	\$438,963.02
00001852	V01375	EMPLOYMENT DEVELOPMENT	09/27/2023	\$123,027.67
00001853	V02725	EMPOWER RETIREMENT, LL	09/27/2023	\$129,978.99
00001854	V02152	EXPERT PAY CHILD SUPPO	09/27/2023	\$2,496.44
00001855	V02091	MARYLAND CHILD SUPPORT	09/27/2023	\$343.38
00001856	OTV003085	GENERAL FUND OF THE ST	09/27/2023	\$18,000.00
00041931	V03131	4LEAF, INC.	09/27/2023	\$31,220.02
00041932	V02878	ADMIRAL PEST CONTROL, INC.	09/27/2023	\$89.00
00041933	V03157	AME BUILDERS, INC.	09/27/2023	\$156,788.95
00041934	V02328	APPLEONE EMPLOYMENT SERVICES	09/27/2023	\$11,494.15
00041935	V00224	CDW-GOVERNMENT, INC	09/27/2023	\$291.28
00041936	V02708	CHC: CREATING HEALTHIER COMMUNITIES	09/27/2023	\$45.00
00041937	V01036	CITIBANK %CITIGROUP	09/27/2023	\$9,468.10
00041938	V01305	FLEMING ENVIRONMENTAL, INC	09/27/2023	\$450.00
00041939	OTV000879	GARDEN GROVE POLICE ASSOCIATION	09/27/2023	\$17,466.74
00041940	V02707	GARDEN GROVE POLICE ASSOCIATION PAC	09/27/2023	\$3,500.00
00041941	V00218	GRAINGER	09/27/2023	\$6,120.84
00041942	V00716	INTERVAL HOUSE	09/27/2023	\$12,711.61
00041943	V00283	JIG CONSULTANTS	09/27/2023	\$3,124.00
00041944	V00368	JOHNSON CONTROLS SECURITY SOLUTIONS	09/27/2023	\$1,868.22
00041945	V00158	KIDSGUIDE	09/27/2023	\$695.00
00041946	V00356	LA OPINION, EL DIARIO, LA RAZA, LA OPINION DE LA	09/27/2023	\$837.50

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register
Check Dates Between Sep 21, 2023 and Sep 30, 2023
Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Nov 9, 2023 5:05:08 PM

Page 3

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00041947	V03158	INC. LEED ELECTRIC	09/27/2023	\$78,302.32
00041948	V02883	INC. MOTION & FLOW CONTROL PRODUCTS	09/27/2023	\$111.37
00041949	V02706	ORANGE COUNTY EMPLOYEES ASSOCIATION	09/27/2023	\$3,306.54
00041950	V03155	PALADIN TECHNOLOGIES INC.	09/27/2023	\$1,794.94
00041951	V03289	PERFORMA LABS, INC.	09/27/2023	\$94,600.00
00041952	V03017	PIERCE LAW FIRM APC	09/27/2023	\$252.00
00041953	V00506	REDFLEX TRAFFIC SYSTEMS, INC	09/27/2023	\$32,986.80
00041954	V03077	RESILIO INC.	09/27/2023	\$16,965.00
00041955	V02975	ROBERT BORDERS & ASSOCIATES	09/27/2023	\$27,156.06
00041956	V01945	SAFEWAY SIGN COMPANY	09/27/2023	\$11,132.30
00041957	V03029	SIGNATURE PARTY RENTALS	09/27/2023	\$1,004.74
00041958	V03179	SOUTHSTAR ENGINEERING & CONSULTING, INC.	09/27/2023	\$13,076.00
00041959	V00384	STOMMEL, INC	09/27/2023	\$630.00
00041960	V00261	STRICTLY TECHNOLOGY, LLC	09/27/2023	\$5,848.21
00041961	V03171	SWAGELOK SOUTHERN CALIFORNIA	09/27/2023	\$4,320.61
00041962	V00591	U S ARMOR CORP	09/27/2023	\$757.59
00041963	V00035	VERITIV OPERATING COMPANY	09/27/2023	\$8.16
00041964	V02869	VOVINAM VIET VO DAO FEDERATION OF WESTERN US	09/27/2023	\$233.50
00041965	V00257	WEST GROVE VOLLEYBALL, LLC	09/27/2023	\$2,131.16
00041966	V01474	WEX BANK	09/27/2023	\$1,366.15
00041967	V03066	WRENCH REBEL COLLISION, LLC	09/27/2023	\$5,485.35
00041968	V03144	BRAZILIA ALTERATIONS	09/27/2023	\$170.00
00041969	V02089	SHANNON WAINWRIGHT	09/27/2023	\$553.85
00689699	V03303	AES DUE DILIGENCE, INC	09/27/2023	\$4,750.00
00689700	V00573	ALAN'S LAWN AND GARDEN CENTER, INC	09/27/2023	\$3,361.79
00689701	V00514	AMTECH ELEVATOR SERVICES	09/27/2023	\$4,640.42
00689702	V00864	ASSOCIATED SOILS ENGINEERING, INC	09/27/2023	\$2,820.00
00689703	V00145	AUTONATION FORD TUSTIN	09/27/2023	\$4,922.39
00689704	V00433	BATTERY SYSTEMS, INC	09/27/2023	\$784.11
00689705	V00091	BEGINNERS EDGE SPORTS TRAINING, LLC	09/27/2023	\$6,772.09
00689706	V00655	C WELLS PIPELINE MATERIALS, INC	09/27/2023	\$33,157.88
00689707	V00455	CA DEPARTMENT OF TAX AND FEE ADMINISTRATION	09/27/2023	\$1,172.50
00689708	V00659	CALIFORNIA MUNICIPAL STATISTICS, INC	09/27/2023	\$550.00
00689709	V00660	CAMERON WELDING SUPPLY	09/27/2023	\$4,171.74

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register

Check Dates Between Sep 21, 2023 and Sep 30, 2023
Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Nov 9, 2023 5:05:08 PM

Page 4

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00689710	V02604	CARRIER CORPORATION	09/27/2023	\$838.00
00689711	OTV003038	CHEAM CHEA 2019 FAMILY TRUST	09/27/2023	\$1,747.00
00689712	V00534	CHEM PRO LABORATORY, INC	09/27/2023	\$418.00
00689713	V00664	CIVILTEC ENGINEERING, INC	09/27/2023	\$1,696.25
00689714	V01159	COMPETITIVE AQUATIC SUPPLY	09/27/2023	\$1,183.04
00689715	V00668	CONTROL AUTOMATION DESIGN	09/27/2023	\$900.00
00689716	V00537	DANIELS TIRE SERVICE	09/27/2023	\$3,316.73
00689717	V02871	DBS ADMINISTRATORS, INC.	09/27/2023	\$6,688.54
00689718	V01183	DEPARTMENT OF JUSTICE	09/27/2023	\$275.00
00689719	V03120	DEWEY PEST CONTROL	09/27/2023	\$195.00
00689720	V00233	FACTORY MOTOR PARTS CO BIN 139107	09/27/2023	\$481.79
00689721	V00623	FAIR HOUSING FOUNDATION	09/27/2023	\$2,455.33
00689722	V00829	FERGUSON ENTERPRISES, INC 1350	09/27/2023	\$969.64
00689723	V00392	FIVE STAR TAEKWONDO	09/27/2023	\$1,463.40
00689724	V01379	FIVESTAR RUBBER STAMP ETC, INC	09/27/2023	\$344.95
00689725	V02257	FRANCHISE TAX BOARD	09/27/2023	\$60.00
00689726	V00143	FRYE SIGN CO	09/27/2023	\$1,021.52
00689727	V00114	FUN EXPRESS, INC	09/27/2023	\$593.74
00689728	V00054	GALLS LLC	09/27/2023	\$2,707.59
00689729	V00690	GARDEN GROVE CHAMBER OF COMMERCE	09/27/2023	\$2,500.00
00689730	V03306	GARDEN GROVE UNITED METHODIST CHURCH	09/27/2023	\$1,000.00
00689731	V00097	GOLDENWEST LAWNMOWERS & SCOOTERS	09/27/2023	\$143.20
00689732	V03187	H. L. MILLER, INC.	09/27/2023	\$92,453.28
00689733	V00706	HAAKER EQUIPMENT COMPANY	09/27/2023	\$1,552.26
00689734	V00711	HILL'S BROS LOCK & SAFE, INC	09/27/2023	\$249.00
00689735	V00710	HILLCO FASTENER WAREHOUSE	09/27/2023	\$41.29
00689736	V02308	HIRSCH PIPE & SUPPLY CO. INC	09/27/2023	\$397.90
00689737	V03208	IMPERIAL SPRINKLER SUPPLY	09/27/2023	\$2,651.30
00689738	V00099	INGLIS PET HOTEL	09/27/2023	\$532.90
00689739	V00719	JAY'S CATERING	09/27/2023	\$1,630.51
00689740	V00071	JM NURSERY	09/27/2023	\$1,533.37
00689741	V00683	JOHN B EWLES, INC	09/27/2023	\$8,470.00
00689742	V00725	KNORR SYSTEMS, INC	09/27/2023	\$1,861.95
00689743	V00555	LIFECOM, INC	09/27/2023	\$65.00

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register
Check Dates Between Sep 21, 2023 and Sep 30, 2023
Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Nov 9, 2023 5:05:08 PM

Page 5

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00689744	V03286	MAD SCIENCE	09/27/2023	\$1,540.35
00689745	V00020	MCFADDEN DALE INDUSTRIAL HARDWARE	09/27/2023	\$60.74
00689746	V00737	MERCHANTS BLDG MAINT, LLC	09/27/2023	\$1,559.42
00689747	V00190	MR D'S AUTOMOTIVE	09/27/2023	\$719.35
00689748	V00362	NICOLE MYERS	09/27/2023	\$85.05
00689749	V00557	NATIONAL CONSTRUCTION RENTALS	09/27/2023	\$9,162.28
00689750	OTV003039	NAVARRO, MARTHA O	09/27/2023	\$1,000.00
00689751	V00459	O'REILLY AUTO PARTS	09/27/2023	\$109.34
00689752	V00371	OFFICE DEPOT, INC	09/27/2023	\$7,041.67
00689753	V01422	ORANGE COUNTY CLERK-RECORDER'S OFFICE	09/27/2023	\$100.00
00689754	V00559	ORANGE COUNTY EMERGENCY PET CLINIC	09/27/2023	\$2,891.00
00689755	V01530	ORANGE COUNTY SANITATION DIST, INC	09/27/2023	\$53,039.88
00689756	V01649	ORANGE COUNTY TRANSIT AUTHORITY	09/27/2023	\$3,897.14
00689757	V01583	ORANGE COUNTY WINWATER WORKS, INC	09/27/2023	\$7,901.99
00689758	V00595	PACIFIC COAST CABLING, INC	09/27/2023	\$11,090.58
00689759	V00756	PARKHOUSE TIRE, INC	09/27/2023	\$2,297.49
00689760	V01588	PHAN, DIEM P	09/27/2023	\$417.50
00689761	V00770	PROACTIVE CONSULTING GROUP, LLC	09/27/2023	\$2,400.00
00689762	V00171	PVP COMMUNICATIONS	09/27/2023	\$3,048.25
00689763	V00744	R J NOBLE COMPANY	09/27/2023	\$209,380.00
00689764	V02618	R3 CONSULTING GROUP	09/27/2023	\$2,327.50
00689765	V00396	RADI'S CUSTOM UPHOLSTER	09/27/2023	\$2,475.68
00689766	V00693	REPUBLIC SERVICES 676	09/27/2023	\$86.87
00689767	V00163	RETAIL MARKETING SERVICES INC	09/27/2023	\$6,249.00
00689768	OTV003037	RODRIGUEZ, ERNESTO	09/27/2023	\$500.00
00689769	V01052	S&S WORLDWIDE, INC	09/27/2023	\$125.28
00689770	V00780	SAFETY 1st PEST CONTROL, INC	09/27/2023	\$2,000.00
00689771	V00784	SHOETERIA	09/27/2023	\$471.07
00689772	V00785	SHRED CONFIDENTIAL, INC	09/27/2023	\$26.25
00689773	V01415	SOCAL AUTO & TRUCK PARTS INC	09/27/2023	\$11,333.81
00689774	V00367	SOUTHERN COMPUTER WAREHOUSE	09/27/2023	\$616.85
00689775	V00795	SPARKLETTS	09/27/2023	\$152.09
00689776	V01119	STANDARD INSURANCE CO RAS EXECUTIVE BENEFITS	09/27/2023	\$1,100.34

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register
Check Dates Between Sep 21, 2023 and Sep 30, 2023
Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Nov 9, 2023 5:05:08 PM

Page 6

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00689777	V00364	SUNBELT RENTALS	09/27/2023	\$1,052.25
00689778	V00528	THE ORANGE COUNTY HUMANE SOCIETY	09/27/2023	\$53,869.41
00689779	V01206	TOPAZ ALARM CORP	09/27/2023	\$75.00
00689780	V01123	TRANSAMERICA EMPLOYEE BENEFITS	09/27/2023	\$3,211.64
00689781	V00185	TRANSPORTATION STUDIES, INC	09/27/2023	\$320.00
00689782	V00812	UNIFIRST CORP	09/27/2023	\$1,427.11
00689783	V00152	UNITED WATER WORKS, INC	09/27/2023	\$537.29
00689784	V01201	US BANK	09/27/2023	\$831.39
00689785	V03301	VERNE'S PLUMBING, INC.	09/27/2023	\$4,650.00
00689786	V00398	VULCAN MATERIALS COMPANY WESTERN DIVISION	09/27/2023	\$95,347.06
00689787	V00824	WAXIE SANITARY SUPPLY	09/27/2023	\$3,105.69
00689788	V00112	WM OF SOUTHERN CALIFORNIA	09/27/2023	\$1,570.00
00689789	V00582	WOODRUFF & SMART, A PROFESSIONAL CORP	09/27/2023	\$5,813.15
			EFT:	39 \$558,363.06
			Check:	142 \$15,393,635.46
			Total:	181 \$15,951,998.52



City of Garden Grove
Certificate of Warrants
Register Dates:
10/1/2023

This is to certify the demands covered EFT numbers 00041970 through 00043030, and check numbers 00689790 through 00689990 inclusive as listed on this register and have been verified by the Finance Division as properly issued and bear all proper signatures.

A handwritten signature in black ink, appearing to read 'Patricia Song', written over a horizontal line.

Finance Director
Patricia Song

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register

Check Dates Oct 1, 2023

Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Oct 4, 2023 11:18:08 AM

Page 1

AP - Checking Account

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00041970	H00252	12111 BAILEY STREET LLC	10/01/2023	\$1,370.00
00041971	H0951	12392 TO 12432 GROVEVIEW	10/01/2023	\$756.00
00041972	H00286	12909 CORDARY LLC	10/01/2023	\$10,098.00
00041973	H3409	12911 GALWAY ST, LLC	10/01/2023	\$3,432.00
00041974	H3297	13251 NEWLAND, LLC	10/01/2023	\$14,645.00
00041975	H00364	1512 W MISSION BLVD LLC	10/01/2023	\$1,809.00
00041976	H4567	15915 LA FORGE ST WHITTIER, LLC	10/01/2023	\$902.00
00041977	H3906	19822 BROOKHURST, LLC	10/01/2023	\$2,835.00
00041978	H00260	2175 S MULLUL DRIVE LLC	10/01/2023	\$3,172.00
00041979	H2617	2300 W EL SEGUNDO, LP DBA LOTUS GARDENS	10/01/2023	\$8,742.00
00041980	H4149	2555 WEST WINSTON ROAD, LP PEBBLE COVE APARTMENTS	10/01/2023	\$3,642.00
00041981	H00463	2TD MANAGEMENT LLC	10/01/2023	\$7,729.00
00041982	H4791	606 SOUTH 6TH ST ASSOCIATES, LP	10/01/2023	\$9,038.00
00041983	H2483	7632 21ST ST, LP	10/01/2023	\$7,880.00
00041984	H00284	8550 COMMONWEALTH AVENUE LLC	10/01/2023	\$1,302.00
00041985	H4654	8572 STANFORD, LLC	10/01/2023	\$2,740.00
00041986	H1044	ABCO CROWN VILLA,LTD	10/01/2023	\$2,178.00
00041987	H9002	ACACIAN APTS	10/01/2023	\$50,699.00
00041988	H00121	ADRIAN REALTY LLC	10/01/2023	\$3,033.00
00041989	H4389	ADRIATIC APTS	10/01/2023	\$1,031.00
00041990	H3401	AEGEAN APARTMENTS	10/01/2023	\$8,015.00
00041991	H4741	PARVIZ ALAI	10/01/2023	\$2,605.00
00041992	H00033	ALEXANY NGUYEN PROPERTIES, LLC	10/01/2023	\$1,783.00
00041993	H3512	ALFRED P VU & JULIE NG HO, LLC	10/01/2023	\$1,145.00
00041994	H1684	REHANA ALIBULLA	10/01/2023	\$2,167.00
00041995	H4121	ALLARD APARTMENT, LLC	10/01/2023	\$8,545.00
00041996	H3645	LYNN KATHLEEN ALLEN	10/01/2023	\$121.00
00041997	H2454	ALTEZA,INC	10/01/2023	\$1,372.00
00041998	H4668	AMCAL OCEANA FUND, LP OCEANA APARTMENTS	10/01/2023	\$985.00
00041999	H2489	AMERICAN FAMILY HOUSING	10/01/2023	\$12,364.00
00042000	H00093	SALMAN M AMIR	10/01/2023	\$1,886.00
00042001	H2938	ANAHEIM SUNSET PLAZA APTS	10/01/2023	\$8,521.00

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register

Check Dates Oct 1, 2023

Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Oct 4, 2023 11:18:08 AM

Page 2

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00042002	H00336	ANIME INVESTMENTS LLC	10/01/2023	\$1,615.00
00042003	H4371	CHUNG NAN AOU	10/01/2023	\$1,140.00
00042004	H00181	AP TRUST DATED 01/20/21	10/01/2023	\$1,945.00
00042005	H4254	ARBOR VILLAS, LLC	10/01/2023	\$2,630.00
00042006	H00328	ARC EQUITIES LLC	10/01/2023	\$1,784.00
00042007	H00048	JESSIE WONG ARIAS	10/01/2023	\$1,990.00
00042008	H4027	TIMOTEO ARJON	10/01/2023	\$1,616.00
00042009	H3930	EIDA A ATTIA	10/01/2023	\$2,162.00
00042010	H4272	PAUL AUDUONG	10/01/2023	\$1,900.00
00042011	H4532	AUGUSTA GROUP INVESTMENTS INC	10/01/2023	\$1,474.00
00042012	H00180	AVANATH FESTIVAL LP	10/01/2023	\$2,810.00
00042013	H00084	AVANATH GROVE LP	10/01/2023	\$47,286.00
00042014	H2062	AYNEM INVESTMENTS, LP	10/01/2023	\$10,510.00
00042015	H00393	B&Y INDUSTRIES LLC	10/01/2023	\$1,130.00
00042016	H00210	B2B INVESTMENTS LLC	10/01/2023	\$2,193.00
00042017	H4505	BACH & JASON NGUYEN INVESTMENT LLC	10/01/2023	\$1,538.00
00042018	H4295	BAKER RANCH AFFORDABLE, LP	10/01/2023	\$2,678.00
00042019	H4403	HA BANH	10/01/2023	\$3,533.00
00042020	H00406	MINDY K BANH	10/01/2023	\$1,054.00
00042021	H2370	BARRY SAYWITZ PROP TWO, LP	10/01/2023	\$6,808.00
00042022	H4777	BDA INVESTMENTS, LLC	10/01/2023	\$1,404.00
00042023	H00092	BEACH BOULEVARD COTTAGES LLC	10/01/2023	\$1,105.00
00042024	H4797	BEACH CREEK PARTNERS II, LP	10/01/2023	\$1,576.00
00042025	H4735	BEACHWOOD VILLAGE APARTMENTS	10/01/2023	\$1,645.00
00042026	H4368	BEHRENS PROPERTIES, LLC	10/01/2023	\$1,091.00
00042027	H3168	BELAGE PRESERVATION, LP	10/01/2023	\$1,171.00
00042028	H00115	BELLECOUR APARTMENTS	10/01/2023	\$968.00
00042029	H3365	JAIME OR MAGALI BERTRAN	10/01/2023	\$1,470.00
00042030	H00064	BEXAEW THE HAVENS LP	10/01/2023	\$3,277.00
00042031	H3115	ANIL BHALANI	10/01/2023	\$1,488.00
00042032	H0645	N C BHATT	10/01/2023	\$5,047.00
00042033	H00310	BHN MANAGEMENT INC	10/01/2023	\$4,245.00
00042034	H00466	LARRY A BLACK	10/01/2023	\$1,547.00
00042035	H00347	WILLIAM RICHARDO BONNER	10/01/2023	\$1,096.00

**CITY OF GARDEN GROVE
GGFEFM001 Warrant Register**

Check Dates Oct 1, 2023

Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Oct 4, 2023 11:18:08 AM

Page 3

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00042036	H00167	DAVID BORTHWICK	10/01/2023	\$1,936.00
00042037	H4331	BOWEN PROPERTY, LLC	10/01/2023	\$1,574.00
00042038	H0231	MAI BOZARJIAN	10/01/2023	\$21,219.00
00042039	H4085	MAI BOZARJIAN	10/01/2023	\$6,091.00
00042040	H4399	BRIAR CREST / ROSE CREST	10/01/2023	\$3,340.00
00042041	H4784	BRIDGE WF CRYSTAL VIEW AGP, LLC	10/01/2023	\$2,256.00
00042042	H0968	SHARON OR NORMAN BROWN	10/01/2023	\$3,271.00
00042043	H4088	BACH BUI	10/01/2023	\$1,223.00
00042044	H3590	DUNG BUI	10/01/2023	\$1,851.00
00042045	H4664	LONG BUI	10/01/2023	\$1,132.00
00042046	H0276	MINH Q BUI	10/01/2023	\$671.00
00042047	H3322	MONICA BUI	10/01/2023	\$3,144.00
00042048	H1510	NGA HUYNH BUI	10/01/2023	\$1,294.00
00042049	H4779	TAM BUI	10/01/2023	\$1,281.00
00042050	H4108	THUAN BUI	10/01/2023	\$4,971.00
00042051	H4075	TRiet THO-MINH BUI	10/01/2023	\$2,655.00
00042052	H3524	DAVID M BURLEY	10/01/2023	\$1,730.00
00042053	H2916	THU T CAI-NGUYEN	10/01/2023	\$464.00
00042054	H3272	CAMBRIDGE HEIGHTS, LP	10/01/2023	\$1,547.00
00042055	H00391	LARRY THANH CAN	10/01/2023	\$1,988.00
00042056	H2159	HUONG B CAO	10/01/2023	\$1,024.00
00042057	H4457	MYTRANG CAO	10/01/2023	\$1,356.00
00042058	H2856	PHUOC GIA CAO	10/01/2023	\$4,400.00
00042059	H00139	CASA CIENTO ASSOCIATES LP C/O ARNEL MANAGEMENT CO	10/01/2023	\$1,705.00
00042060	H4524	CASA MADRID	10/01/2023	\$1,289.00
00042061	H00380	CASA PALOMA	10/01/2023	\$5,205.00
00042062	H4073	CASCADE TERRACE APARTMENTS	10/01/2023	\$4,480.00
00042063	H4689	DAVID G CASCINO	10/01/2023	\$2,668.00
00042064	H3904	KOU LEAN CHAN	10/01/2023	\$1,177.00
00042065	H4135	CHIEN CHAN,MIN OR TRAN	10/01/2023	\$5,183.00
00042066	H1229	EVELYN CHANG	10/01/2023	\$3,437.00
00042067	H9008	SHERRI CHANG	10/01/2023	\$1,638.00
00042068	H1368	CHARLESTON GARDENS, LLC	10/01/2023	\$1,503.00

**CITY OF GARDEN GROVE
GGFEFM001 Warrant Register**

Check Dates Oct 1, 2023

Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Oct 4, 2023 11:18:08 AM

Page 4

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00042069	H1239	CHATHAM VILLAGE APTS	10/01/2023	\$7,071.00
00042070	H3494	ALICE CHAU	10/01/2023	\$1,539.00
00042071	H3757	DENNIS KYINSAN CHEN	10/01/2023	\$5,416.00
00042072	H1362	SHIAO-YUNG CHEN	10/01/2023	\$7,939.00
00042073	H9010	T C CHEN	10/01/2023	\$22,179.00
00042074	H3490	CHERRY WEST PROPERTIES	10/01/2023	\$1,908.00
00042075	H1788	STEPHEN CHEUNG	10/01/2023	\$4,080.00
00042076	H3094	PAUL M CHEY	10/01/2023	\$2,885.00
00042077	H4707	NARITH CHHUM	10/01/2023	\$2,037.00
00042078	H0317	LI-YONG CHIANG	10/01/2023	\$1,496.00
00042079	H0159	DON J G CHONG	10/01/2023	\$5,897.00
00042080	H00396	VICKY CHU	10/01/2023	\$3,268.00
00042081	H1946	JOHN CHUN	10/01/2023	\$1,428.00
00042082	H9011	KYU B CHUNG	10/01/2023	\$4,469.00
00042083	H00438	CINDY ANDY LUU PROPERTY MANAGEMENT	10/01/2023	\$2,337.00
00042084	H4444	CITRUS GROVE, LP	10/01/2023	\$1,025.00
00042085	H00277	CITY OF COMPTON LOCAL HOUSING AUTHORITY	10/01/2023	\$1,435.12
00042086	H00129	CLEARWATER INVESTMENTS	10/01/2023	\$7,515.00
00042087	H3246	KATHLEEN P CLIFTON	10/01/2023	\$1,541.00
00042088	H4785	CM 2080 NEW, LLC	10/01/2023	\$1,316.00
00042089	H0776	PONCH CO	10/01/2023	\$1,266.00
00042090	H3137	KATHY D COLACION	10/01/2023	\$1,677.00
00042091	H4337	COMMUNITY GARDENS PARTNERS, LP	10/01/2023	\$5,099.00
00042092	H3359	NORMA S CONCEPCION	10/01/2023	\$1,393.00
00042093	H2193	CONCORD MGMT, LLC	10/01/2023	\$909.00
00042094	H3752	CONNOR PINES, LLC	10/01/2023	\$17,654.00
00042095	H0642	CONTINENTAL GARDENS APTS	10/01/2023	\$13,737.00
00042096	H1134	CONTINENTAL GARDENS APTS	10/01/2023	\$3,714.00
00042097	H00080	COUNTRY SQUIRE TUSTIN LLC	10/01/2023	\$1,246.00
00042098	H0039	COURTYARD VILLAS	10/01/2023	\$7,207.00
00042099	H4556	CST CAPITAL, LLC	10/01/2023	\$1,498.00
00042100	H4686	CTC INVESTMENT GROUP, INC	10/01/2023	\$1,255.00
00042101	H0017	KHANH CUNG	10/01/2023	\$3,053.00
00042102	H4659	D1 SENIOR IRVINE HOUSING PARTNERS, LP	10/01/2023	\$1,790.00

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register

Check Dates Oct 1, 2023

Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Oct 4, 2023 11:18:08 AM

Page 5

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00042103	H2985	NGHIA HO OR PHAN VE TU DAC	10/01/2023	\$6,164.00
00042104	H4646	HUONG NGOC DAI	10/01/2023	\$1,668.00
00042105	H00082	DAISY APARTMENT HOMES LLC	10/01/2023	\$1,783.00
00042106	H2100	BINH DINH DAM	10/01/2023	\$1,645.00
00042107	H3947	ANNIE DANG	10/01/2023	\$2,102.00
00042108	H00327	DIEM LAY DANG	10/01/2023	\$534.00
00042109	H00382	HOANG ANH VU DANG	10/01/2023	\$1,591.00
00042110	H00300	LONG BILLY DANG	10/01/2023	\$2,744.00
00042111	H4561	MIKE M DANG	10/01/2023	\$2,621.00
00042112	H00498	THO DANG	10/01/2023	\$2,936.00
00042113	H3065	DAVID DANG	10/01/2023	\$1,502.00
00042114	H0168	STACY HOA TUOI DANG	10/01/2023	\$1,520.00
00042115	H4598	THANH-THUY THI DANG	10/01/2023	\$1,335.00
00042116	H1895	JOSEPH N DAO	10/01/2023	\$1,482.00
00042117	H00157	MAI DAO	10/01/2023	\$2,188.00
00042118	H00050	MICHELLE DAO	10/01/2023	\$1,990.00
00042119	H1245	NELSON NGUYEN DAO	10/01/2023	\$4,328.00
00042120	H1750	TRU DAO	10/01/2023	\$5,328.00
00042121	H2184	TU VAN DAO	10/01/2023	\$952.00
00042122	H9413	TU VAN DAO	10/01/2023	\$2,468.00
00042123	H3021	NGOC-THUY DAO	10/01/2023	\$1,654.00
00042124	H1802	LUONG-NGUYEN DAO-PHAM, LOC THI OR PHAM	10/01/2023	\$2,458.00
00042125	H4239	RICHARD DAVIS	10/01/2023	\$3,400.00
00042126	H4607	DE ANZA PLAZA APTS II	10/01/2023	\$895.00
00042127	H4071	DEERING II FAMILY, LP	10/01/2023	\$1,165.00
00042128	H3626	CLARA J DEWYER	10/01/2023	\$897.00
00042129	H4583	HOI TUAN DIEP	10/01/2023	\$1,565.00
00042130	H00067	BIEN T DINH	10/01/2023	\$2,500.00
00042131	H2147	HANH DINH	10/01/2023	\$2,180.00
00042132	H4223	KATHLEEN DINH	10/01/2023	\$1,536.00
00042133	H1479	KIM DINH	10/01/2023	\$2,205.00
00042134	H4373	LAN THAI DINH	10/01/2023	\$3,713.00
00042135	H3629	LONG T DINH	10/01/2023	\$3,793.00
00042136	H4372	NHU Y DINH	10/01/2023	\$1,540.00

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register

Check Dates Oct 1, 2023

Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Oct 4, 2023 11:18:08 AM

Page 6

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00042137	H4594	TUAN DINH	10/01/2023	\$365.00
00042138	H4619	Y NHA DINH	10/01/2023	\$3,826.00
00042139	H3284	DNK PROPERTY, LLC	10/01/2023	\$15,548.00
00042140	H4498	BRANDON BINH DO	10/01/2023	\$2,967.00
00042141	H4717	BYRON DO	10/01/2023	\$2,514.00
00042142	H00446	CHINH DO	10/01/2023	\$1,683.00
00042143	H4718	DAITRANG DO	10/01/2023	\$2,181.00
00042144	H4418	DOMINIC HAU DO	10/01/2023	\$1,268.00
00042145	H00131	KEVIN HUNG DO	10/01/2023	\$1,521.00
00042146	H00426	KIM DO	10/01/2023	\$1,090.00
00042147	H00449	KIM TOAN T DO	10/01/2023	\$952.00
00042148	H1867	MINH C DO	10/01/2023	\$4,631.00
00042149	H4450	MY-PHUONG DO	10/01/2023	\$1,790.00
00042150	H1674	NANCY DO	10/01/2023	\$1,453.00
00042151	H4802	NGA N DO	10/01/2023	\$2,521.00
00042152	H00186	NOAN THI DO	10/01/2023	\$2,232.00
00042153	H00354	RUTHERFORD DO	10/01/2023	\$2,661.00
00042154	H3593	THUY THI DO	10/01/2023	\$340.00
00042155	H3181	TIM DO	10/01/2023	\$1,187.00
00042156	H3671	TINA DO	10/01/2023	\$1,588.00
00042157	H9016	TINA DO	10/01/2023	\$4,095.00
00042158	H3732	XUYEN THI DO	10/01/2023	\$1,222.00
00042159	H00137	CRYSTAL DOAN	10/01/2023	\$1,346.00
00042160	H00326	HANH DAO DOAN	10/01/2023	\$1,950.00
00042161	H4639	HIEP THI DOAN	10/01/2023	\$2,855.00
00042162	H4808	HUEY G DOAN	10/01/2023	\$3,815.00
00042163	H3999	HUY DOAN	10/01/2023	\$1,322.00
00042164	H4289	HUY DOAN	10/01/2023	\$1,234.00
00042165	H00417	KHA DUY DOAN	10/01/2023	\$2,960.00
00042166	H4420	KYLAM DOAN	10/01/2023	\$1,877.00
00042167	H00483	LYNDA DOAN	10/01/2023	\$2,441.00
00042168	H3980	NHA & JOANNE TRANG VU DOAN	10/01/2023	\$2,077.00
00042169	H3855	PHUONGNGA THI DOAN	10/01/2023	\$2,177.00
00042170	H2424	JERRY DOIDGE	10/01/2023	\$1,352.00

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register

Check Dates Oct 1, 2023

Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Oct 4, 2023 11:18:08 AM

Page 7

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00042171	H3382	DOLCE VITA INVESTMENTS, LLC	10/01/2023	\$5,851.00
00042172	H1744	MINH TRANG DONG	10/01/2023	\$1,420.00
00042173	H2945	DORADO SENIOR APARTMENTS, LP	10/01/2023	\$1,417.00
00042174	H3228	DSN INVESTMENT GROUP, LLC	10/01/2023	\$8,511.00
00042175	H3510	DTP INVESTMENTS, LLC	10/01/2023	\$1,548.00
00042176	H1385	DAVID C DUNN	10/01/2023	\$2,589.00
00042177	H9021	DAVID F DUNNETT	10/01/2023	\$1,238.00
00042178	H3866	HONG MANH DUONG	10/01/2023	\$1,701.00
00042179	H00287	KAREN DUONG	10/01/2023	\$1,413.00
00042180	H1885	MINH B DUONG	10/01/2023	\$6,111.00
00042181	H3688	THAI VAN DUONG	10/01/2023	\$1,546.00
00042182	H3087	CHI THI DUONG	10/01/2023	\$2,519.00
00042183	H2869	HUNG Q DUONG	10/01/2023	\$1,487.00
00042184	H2781	GLADYS DYO	10/01/2023	\$866.00
00042185	H00091	E-Z HOUSING GROUP LLC	10/01/2023	\$1,669.00
00042186	H2422	EASTWIND PROPERTIES, LLC	10/01/2023	\$3,265.00
00042187	H4770	EBL, LLC	10/01/2023	\$4,254.00
00042188	H2036	DANIEL T EDLUND	10/01/2023	\$1,548.00
00042189	H00233	EL NILE INVESTMENTS LLC	10/01/2023	\$1,328.00
00042190	H4250	EL PUEBLO APTS	10/01/2023	\$3,168.00
00042191	H4294	EL RAY PARTNERS, LLC	10/01/2023	\$8,793.00
00042192	H4438	ELIAS CAPITAL GROUP, LLC	10/01/2023	\$3,030.00
00042193	H00250	EMERALD RIDGE APARTMENTS	10/01/2023	\$1,315.00
00042194	H4234	TERRY C ENGEL	10/01/2023	\$1,812.00
00042195	H00282	ERP OPERATING LIMITED PARTNERSHIP	10/01/2023	\$9,348.00
00042196	H3299	EVERGREEN ESTATE EXPANSION, LLC	10/01/2023	\$10,232.00
00042197	H00030	FAIRECREST REAL ESTATE, LLC	10/01/2023	\$3,267.00
00042198	H1553	FAIRVIEW MGMT COMPANY	10/01/2023	\$3,020.00
00042199	H00299	FAMILY CUNG TUAN KHANH ACACIA LLC	10/01/2023	\$4,410.00
00042200	H3034	FBC APARTMENTS	10/01/2023	\$711.00
00042201	H4757	FG GOLDENWEST SENIOR APTS, LP	10/01/2023	\$20,506.00
00042202	H00484	FG LAGUNA NIGUEL SENIOR APARTMENTS LP	10/01/2023	\$1,870.00
00042203	H00372	FG RANCHO SANTA MARGARITA SENIOR APTS LP	10/01/2023	\$2,228.00
00042204	H00386	FG SEACLIFF SENIOR APARTMENTS LP	10/01/2023	\$1,862.00

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register

Check Dates Oct 1, 2023

Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Oct 4, 2023 11:18:08 AM

Page 8

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00042205	H00049	FIVE POINTS HOUSING LP	10/01/2023	\$3,463.00
00042206	H3329	FOREVERGREEN EXPANSION, LLC	10/01/2023	\$1,694.00
00042207	H00200	FOUNTAIN VALLEY HOUSING PARTNERS LP	10/01/2023	\$1,883.00
00042208	H00051	FOUR SEASON 339 LLC	10/01/2023	\$1,543.00
00042209	H7410	FRANCISCAN GARDENS APTS	10/01/2023	\$33,651.00
00042210	H4610	FREEDOMPATH PROPERTIES, LLC	10/01/2023	\$5,824.00
00042211	H3691	FU CRAIG FA, LLC	10/01/2023	\$6,440.00
00042212	H2215	KARL GANZ	10/01/2023	\$1,048.00
00042213	H3384	ALBINO GARCIA	10/01/2023	\$2,785.00
00042214	H3194	GARDEN BAY APARTMENTS, LLC	10/01/2023	\$120.00
00042215	V00694	GARDEN GROVE HOUSING AUTHORITY-ESCROW ACCT	10/01/2023	\$8,117.00
00042216	H00452	GARDEN GROVE HOUSING ASSOC LLC C/O HCM PROP MGMT	10/01/2023	\$3,872.00
00042217	H4275	GARDEN GROVE HOUSING ASSOCIATE	10/01/2023	\$1,692.00
00042218	H00315	GARDEN GROVE PACIFIC ASSOCIATES LLC	10/01/2023	\$60,255.00
00042219	H00431	GARDEN VIEW TERRACE	10/01/2023	\$1,505.00
00042220	H00095	CHRIS ANN GARZA	10/01/2023	\$750.00
00042221	H2955	GB PARTNERS LP DBA HERITAGE PARK SENIOR APARTMENTS	10/01/2023	\$3,997.00
00042222	H2029	GEORGIAN APTS	10/01/2023	\$3,147.00
00042223	H4137	AARON GERMAIN	10/01/2023	\$1,508.00
00042224	H00112	GG8662 LLC C/O DEKKO PROPERTIES LLC	10/01/2023	\$2,631.00
00042225	H3857	GIA VU, INC	10/01/2023	\$906.00
00042226	H4037	BRIGITTE GIACALONE	10/01/2023	\$976.00
00042227	H3894	GIGI APARTMENTS	10/01/2023	\$2,193.00
00042228	H4046	GLENHAVEN MOBILODGE	10/01/2023	\$1,137.00
00042229	H00123	GLS GROUP LLC	10/01/2023	\$1,351.00
00042230	H00321	GOLDEN COAST PACIFIC PROPERTIES LLC	10/01/2023	\$1,261.00
00042231	H4346	HENRY S GOMEZ	10/01/2023	\$1,667.00
00042232	H00488	LP GRANDE APARTMENTS	10/01/2023	\$1,731.00
00042233	H2737	WILLIAM GREEN	10/01/2023	\$1,267.00
00042234	H00172	GREENBROOK APARTMENTS LP	10/01/2023	\$1,629.00
00042235	H3833	GREENFIELDSDIE, LLC	10/01/2023	\$3,796.00
00042236	H3639	GROVE PARK LP	10/01/2023	\$86,092.00
00042237	H9028	JIM GULMESOFF	10/01/2023	\$9,623.00

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register

Check Dates Oct 1, 2023

Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Oct 4, 2023 11:18:08 AM

Page 9

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00042238	H3949	GINA GUYUMJYAN	10/01/2023	\$4,099.00
00042239	H4172	HA OF DEKALB COUNTY	10/01/2023	\$657.33
00042240	H4692	CASIE HA	10/01/2023	\$2,783.00
00042241	H4092	DAC T HA	10/01/2023	\$1,808.00
00042242	H1824	KHIEM Q HA	10/01/2023	\$2,514.00
00042243	H1629	MANH MINH HA	10/01/2023	\$1,322.00
00042244	H4562	TRAN D HA	10/01/2023	\$3,638.00
00042245	H3735	TRIET M HA	10/01/2023	\$1,600.00
00042246	H0550	HALL & ASSOCIATES, INC	10/01/2023	\$5,389.00
00042247	H00485	A CA LP HAMPSHIRE SQUARE	10/01/2023	\$2,283.00
00042248	H1969	LINDA HAN	10/01/2023	\$2,325.00
00042249	H00421	VIENNA HANSEL-ASHLEY	10/01/2023	\$994.00
00042250	H5208	CLIFTON & BRENDA HANSON	10/01/2023	\$2,804.00
00042251	H3218	KULJIT HARA	10/01/2023	\$1,086.00
00042252	H3838	STEVEN HAU	10/01/2023	\$1,588.00
00042253	H4708	HIGHLAND FINANCE INVESTMENTS CORP	10/01/2023	\$1,732.00
00042254	H0250	SHERRY OR RICHARD HILLIARD	10/01/2023	\$1,829.00
00042255	H00173	HKT INVESTMENT	10/01/2023	\$4,023.00
00042256	H3921	HMZ RESIDENTIAL PARK, LP	10/01/2023	\$2,293.00
00042257	H00408	HO FAMILY BYPASS TRUST	10/01/2023	\$3,022.00
00042258	H00289	DAO HO	10/01/2023	\$1,477.00
00042259	H3255	HENRY HOI HO	10/01/2023	\$1,985.00
00042260	H1010	HO, HIEP or DAO, NGOC THUY	10/01/2023	\$10,087.00
00042261	H3653	LIEN KIM HO	10/01/2023	\$2,329.00
00042262	H00402	NA M HO	10/01/2023	\$1,556.00
00042263	H4827	PETER HO	10/01/2023	\$906.00
00042264	H4128	THOMAS P HO	10/01/2023	\$1,970.00
00042265	H00183	THUY HO	10/01/2023	\$1,566.00
00042266	H4268	TIM HO	10/01/2023	\$1,424.00
00042267	H00071	HOLLY HOANG	10/01/2023	\$1,701.00
00042268	H00312	HUAN HOANG	10/01/2023	\$2,739.00
00042269	H00301	KHANH HOANG	10/01/2023	\$1,530.00
00042270	H3984	LONG HOANG	10/01/2023	\$1,840.00
00042271	H4783	THINH HOANG	10/01/2023	\$1,496.00

**CITY OF GARDEN GROVE
GGFEFM001 Warrant Register**

Check Dates Oct 1, 2023

Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Oct 4, 2023 11:18:08 AM

Page 10

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00042272	H4224	TRACY HOANG	10/01/2023	\$1,440.00
00042273	H2354	TRIEU HOANG	10/01/2023	\$1,234.00
00042274	H4542	TUAN HOANG	10/01/2023	\$2,517.00
00042275	H00278	VUONG HOANG	10/01/2023	\$1,909.00
00042276	H2662	LANG HOANG	10/01/2023	\$1,690.00
00042277	H2974	NHAN TIEN HOANG	10/01/2023	\$2,150.00
00042278	H3883	ROSEMARY LC HOLTZMAN	10/01/2023	\$856.00
00042279	H1120	SALLY HOPPE	10/01/2023	\$1,384.00
00042280	H00107	HOUSING AUTHORITY OF THE CITY OF VANCOUVER	10/01/2023	\$342.87
00042281	H00429	HTN RENTALS LLC	10/01/2023	\$2,525.00
00042282	H2532	LUC HUA	10/01/2023	\$1,754.00
00042283	H1659	DON HUSS	10/01/2023	\$2,581.00
00042284	H00133	BAO TRINH HUYNH	10/01/2023	\$1,633.00
00042285	H0658	CHEN THI HUYNH	10/01/2023	\$3,020.00
00042286	H3641	FELIX HUYNH	10/01/2023	\$800.00
00042287	H4763	JOANNE HUYNH	10/01/2023	\$867.00
00042288	H3509	KELVIN HUYNH	10/01/2023	\$1,462.00
00042289	H00384	LINH M HUYNH	10/01/2023	\$1,931.00
00042290	H4405	LOAN HUYNH	10/01/2023	\$280.00
00042291	H4237	MINH HUY HUYNH	10/01/2023	\$2,288.00
00042292	H4271	PHILIP HUYNH	10/01/2023	\$633.00
00042293	H1574	SALLY B HUYNH	10/01/2023	\$1,766.00
00042294	H4246	KIM DONG T HUYNH, SCOTT THANH OR LE	10/01/2023	\$2,840.00
00042295	H4747	THAI C HUYNH	10/01/2023	\$2,526.00
00042296	H3117	LONG BAO HUYNH	10/01/2023	\$1,482.00
00042297	H1262	CM HWANG	10/01/2023	\$1,595.00
00042298	H3848	IMPERIAL NORTH HOLDINGS, LLC	10/01/2023	\$4,501.00
00042299	H3644	IMPERIAL NORTHWEST HOLDINGS	10/01/2023	\$5,050.00
00042300	H00309	INCOME PROPERTY ASSOCIATES LLC	10/01/2023	\$1,341.00
00042301	H00319	INFINITY RESIDENTIAL, INC	10/01/2023	\$1,032.00
00042302	H2984	INTERNATIONAL BUSINESS INVESTMENT GROUP, LLC	10/01/2023	\$5,741.00
00042303	H00416	IP DEVELOPMENT COMPANY	10/01/2023	\$2,227.00
00042304	H00401	IRES PROPERTY MANAGEMENT INC	10/01/2023	\$3,770.00
00042305	H3801	IRVINE APARTMENT COMMUNITIES LP	10/01/2023	\$4,637.00

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register

Check Dates Oct 1, 2023

Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Oct 4, 2023 11:18:08 AM

Page 11

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00042306	H4350	J & E ESTATES, LLC	10/01/2023	\$2,471.00
00042307	H3402	JERRY JANESKI	10/01/2023	\$1,680.00
00042308	H4427	JD PROPERTY MANAGEMENT, INC	10/01/2023	\$2,703.00
00042309	H00428	JDJT BAO LLC	10/01/2023	\$1,454.00
00042310	H4716	NARIYA JEAN	10/01/2023	\$2,729.00
00042311	H3040	JENSEN SOMMERVILLE CONZELMAN	10/01/2023	\$1,917.00
00042312	H3165	JG & B CORPORATION	10/01/2023	\$7,860.00
00042313	H3266	JGK GARDEN GROVE, LP	10/01/2023	\$47,455.00
00042314	H2936	JGKALLINS INVESTMENTS, LP	10/01/2023	\$1,526.00
00042315	H2530	NATHAN D JOHNSON	10/01/2023	\$2,132.00
00042316	H4579	JOSEPH & KIM CORP	10/01/2023	\$1,823.00
00042317	H4557	JTM BAYOU, LLC	10/01/2023	\$1,970.00
00042318	H9029	LIN J JU	10/01/2023	\$2,916.00
00042319	H2595	FRED JU	10/01/2023	\$1,214.00
00042320	H4042	JUNG SUN NOH	10/01/2023	\$8,211.00
00042321	H4077	JUNG SUN NOH	10/01/2023	\$1,871.00
00042322	H4078	JUNG SUN NOH	10/01/2023	\$1,656.00
00042323	H00390	SABRINA MARIAM KADIR-FAN	10/01/2023	\$3,659.00
00042324	H4467	KAID MALINDA INVESTMENT INC	10/01/2023	\$2,378.00
00042325	H4482	JAIDEEP KAMAT	10/01/2023	\$1,694.00
00042326	H4758	JUN-WEI KAO	10/01/2023	\$717.00
00042327	H3320	KASHI TRUST	10/01/2023	\$9,493.00
00042328	H4767	KATELLA FAMILY HOUSING PARTNER	10/01/2023	\$1,331.00
00042329	H3771	KATELLA MOBILE HOME ESTATES	10/01/2023	\$921.00
00042330	H3721	KCM INVESTMENTS, LLC	10/01/2023	\$2,526.00
00042331	H4696	KD RENT	10/01/2023	\$3,960.00
00042332	H1018	LU-YONG KEH	10/01/2023	\$5,689.00
00042333	H4374	KEITH AND HOLLY CORPORATION	10/01/2023	\$2,379.00
00042334	H9030	ROBERT KELLEY	10/01/2023	\$4,810.00
00042335	H3113	KENSINGTON GARDENS	10/01/2023	\$936.00
00042336	H1535	DAN VAN KHA	10/01/2023	\$1,364.00
00042337	H1888	LINDA KHA	10/01/2023	\$2,444.00
00042338	H2423	CAM MY KHA	10/01/2023	\$2,209.00
00042339	H00441	KAREEM ULLA KHAN	10/01/2023	\$3,245.00

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register

Check Dates Oct 1, 2023

Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Oct 4, 2023 11:18:08 AM

Page 12

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00042340	H2624	SETH S KHEANG	10/01/2023	\$4,146.00
00042341	H3727	HENRY THAI KHUU	10/01/2023	\$1,480.00
00042342	H0890	DAVID S KIM	10/01/2023	\$954.00
00042343	H00436	LOAN P KIM	10/01/2023	\$1,336.00
00042344	H4527	MELVIN LEE KIM	10/01/2023	\$1,213.00
00042345	H9031	HARRY H KIM	10/01/2023	\$1,606.00
00042346	H9001	KING COUNTY HOUSING AUTHORITY	10/01/2023	\$4,180.86
00042347	H1797	KING INVESTMENT GROUP, INC	10/01/2023	\$8,198.00
00042348	H3591	BERNARD KING	10/01/2023	\$567.00
00042349	H3567	KENT M KITSELMAN	10/01/2023	\$1,551.00
00042350	H2960	MARILYN KLUNK	10/01/2023	\$2,769.00
00042351	H2460	KNK PROPERTIES	10/01/2023	\$10,213.00
00042352	H0082	EDWARD KUO	10/01/2023	\$887.00
00042353	H1193	EDWARD KUO	10/01/2023	\$1,329.00
00042354	H4804	SATOKO KURATA	10/01/2023	\$1,060.00
00042355	H4609	JOAQUIN KURZ	10/01/2023	\$3,279.00
00042356	H00302	LA COSTA	10/01/2023	\$3,698.00
00042357	H00381	LA RAMADA APARTMENTS HOMES	10/01/2023	\$1,818.00
00042358	H4737	TUYET B LA	10/01/2023	\$2,133.00
00042359	H4712	LADERA WNG II, LLC	10/01/2023	\$2,687.00
00042360	H3611	LAGUNA HILLS TRAVELODGE, LLC	10/01/2023	\$32,966.00
00042361	H3793	LAGUNA STREET APARTMENTS, LLC	10/01/2023	\$4,880.00
00042362	H00494	LONG LAI	10/01/2023	\$2,063.00
00042363	H4253	JULIE LALLY	10/01/2023	\$1,773.00
00042364	H00028	ANH LAN LAM	10/01/2023	\$1,860.00
00042365	H3711	CAM THI T LAM	10/01/2023	\$1,285.00
00042366	H1224	CHAU LAM	10/01/2023	\$6,083.00
00042367	H00045	CHRISTINE M LAM	10/01/2023	\$1,602.00
00042368	H00213	DAVID LAM	10/01/2023	\$1,555.00
00042369	H2396	HAI LAM	10/01/2023	\$5,175.00
00042370	H4631	HUNG LAM	10/01/2023	\$1,435.00
00042371	H00088	QUYHN GIAO LAM	10/01/2023	\$1,444.00
00042372	H00042	STEVEN LAM	10/01/2023	\$890.00
00042373	H2873	MAI LAM	10/01/2023	\$1,184.00

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register

Check Dates Oct 1, 2023

Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Oct 4, 2023 11:18:08 AM

Page 13

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00042374	H4454	LAMPLIGHTER VILLAGE APTS	10/01/2023	\$12,321.00
00042375	H4745	LAMPSON EP, LLC	10/01/2023	\$1,384.00
00042376	H4504	LAMY OANH, LLC	10/01/2023	\$6,949.00
00042377	H4402	STEPHEN LAU	10/01/2023	\$3,106.00
00042378	H00151	CATHERINE LAZARAN	10/01/2023	\$1,801.00
00042379	H3945	JOHN LAZENBY	10/01/2023	\$3,017.00
00042380	H4471	LE MORNINGSIDE, LLC	10/01/2023	\$4,901.00
00042381	H4754	ANH LE	10/01/2023	\$3,820.00
00042382	H00153	BENJAMIN BAO LE	10/01/2023	\$1,875.00
00042383	H4421	BILL BQ LE	10/01/2023	\$1,780.00
00042384	H00104	CELINE LE	10/01/2023	\$2,142.00
00042385	H4133	HIEP THI LE	10/01/2023	\$3,050.00
00042386	H00475	HIEU T LE	10/01/2023	\$1,116.00
00042387	H00179	HUONG THI LE	10/01/2023	\$1,548.00
00042388	H1258	JIMMY T LE	10/01/2023	\$2,399.00
00042389	H4555	JOHN LE	10/01/2023	\$2,596.00
00042390	H4142	JOHN TOAN LE	10/01/2023	\$4,187.00
00042391	H00375	KENT THANH LE	10/01/2023	\$1,500.00
00042392	H4462	LAN V LE	10/01/2023	\$2,198.00
00042393	H4319	LANH C LE	10/01/2023	\$2,034.00
00042394	H00148	MAN MINH LE	10/01/2023	\$1,565.00
00042395	H3623	MICHAEL LE	10/01/2023	\$2,365.00
00042396	H00450	MICHAEL PHUC LE	10/01/2023	\$2,043.00
00042397	H0918	NANCY NGAT THI LE	10/01/2023	\$3,830.00
00042398	H0948	STEPHANIE THU LE	10/01/2023	\$5,890.00
00042399	H00209	TAI LE	10/01/2023	\$2,910.00
00042400	H00099	TAN LE	10/01/2023	\$1,407.00
00042401	H00214	THAM T LE	10/01/2023	\$1,559.00
00042402	H3661	THANH TIEN LE	10/01/2023	\$3,247.00
00042403	H00069	THOMAS T LE	10/01/2023	\$1,564.00
00042404	H00360	TRAN-QUOC LE	10/01/2023	\$1,918.00
00042405	H00202	TRINA TRINH LE	10/01/2023	\$1,866.00
00042406	H00135	TUYEN NIKKI LE	10/01/2023	\$464.00
00042407	H0167	BAO GIA LE	10/01/2023	\$5,054.00

**CITY OF GARDEN GROVE
GGFEFM001 Warrant Register**

Check Dates Oct 1, 2023

Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Oct 4, 2023 11:18:08 AM

Page 14

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00042408	H2548	XAN NGOC LE	10/01/2023	\$1,034.00
00042409	H4547	LEMON GROVE, LP	10/01/2023	\$1,564.00
00042410	H1602	ROGER LEUNG	10/01/2023	\$2,157.00
00042411	H00440	LEXINGTON COURTYARD MANAGEMENT LLC	10/01/2023	\$1,148.00
00042412	H4002	SOL M LI	10/01/2023	\$2,203.00
00042413	H1533	DAVID LIN	10/01/2023	\$2,800.00
00042414	H4344	LINCOLN VILLAS APT HOMES, LLC	10/01/2023	\$9,448.00
00042415	H4592	LINCOLN WOODS APARTMENTS	10/01/2023	\$2,771.00
00042416	H1960	KATHERINE LITTON	10/01/2023	\$1,334.00
00042417	H2080	LLE, LLC	10/01/2023	\$651.00
00042418	H00090	LOGAN MT LLC	10/01/2023	\$2,097.00
00042419	H3888	TROY LONG, TU-ANH & DUONG	10/01/2023	\$1,197.00
00042420	H00495	LTD HUNTINGTON BEACH LOS ARBOLITOS	10/01/2023	\$4,563.00
00042421	H3311	CINDY W LOUIE	10/01/2023	\$2,332.00
00042422	H00143	KATHERINE LU	10/01/2023	\$1,726.00
00042423	H2120	QUYNH THUY LU	10/01/2023	\$3,268.00
00042424	H00177	CHRISTOPHER LAC LUONG	10/01/2023	\$947.00
00042425	H1424	KHANH LUONG	10/01/2023	\$1,650.00
00042426	H4603	LONG DUC LUONG	10/01/2023	\$1,465.00
00042427	H4157	TRA THI-PHUONG LUONG	10/01/2023	\$3,847.00
00042428	H4572	ALLEN LUU	10/01/2023	\$1,213.00
00042429	H4491	TUAN V LUU	10/01/2023	\$1,544.00
00042430	H4820	VIVIAN Q LUU	10/01/2023	\$2,180.00
00042431	H3696	XUYEN LUU	10/01/2023	\$2,158.00
00042432	H00474	DINH LY	10/01/2023	\$2,441.00
00042433	H3717	DUC T LY	10/01/2023	\$681.00
00042434	H1613	MING LY	10/01/2023	\$1,836.00
00042435	H00166	MINH N LY	10/01/2023	\$1,505.00
00042436	H3754	TAN Q LY	10/01/2023	\$1,525.00
00042437	H3390	TRANH LY	10/01/2023	\$5,579.00
00042438	H4154	TUYEN X LY	10/01/2023	\$3,199.00
00042439	H00219	M FORTUNE LLC	10/01/2023	\$2,815.00
00042440	H00442	ANH KIM MA	10/01/2023	\$2,437.00
00042441	H00311	MEI CI MA	10/01/2023	\$1,695.00

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register

Check Dates Oct 1, 2023

Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Oct 4, 2023 11:18:08 AM

Page 15

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00042442	H1705	MAGIC LAMP MOBILE HOME PARK	10/01/2023	\$1,452.00
00042443	H00136	MAGNET SENIOR HOUSING PARTNERS LP C/O MONTAIRA	10/01/2023	\$1,988.00
00042444	H3201	ANN N MAI	10/01/2023	\$3,734.00
00042445	H00192	ANNIE MAI	10/01/2023	\$2,190.00
00042446	H4308	JENNIE THUY MAI	10/01/2023	\$4,803.00
00042447	H1499	LINDA MAI	10/01/2023	\$1,489.00
00042448	H00191	TUNG THANH MAI	10/01/2023	\$1,171.00
00042449	H2451	CHUCK MAI	10/01/2023	\$2,439.00
00042450	H4298	JAIMIE MAI-NGO	10/01/2023	\$1,658.00
00042451	H00341	LATA MAJITHIA	10/01/2023	\$1,926.00
00042452	H4539	KONSTANTINOS P MANDAS	10/01/2023	\$3,293.00
00042453	H4796	HARALAMBOS & GEORGIA MANTAS	10/01/2023	\$2,109.00
00042454	H4818	LLOYD MANTONG	10/01/2023	\$966.00
00042455	H6865	MARIPOSA PROPERTIES	10/01/2023	\$1,712.00
00042456	H00443	SUZANNE MATHERLY	10/01/2023	\$2,947.00
00042457	H4816	MATTAR REAL ESTATE INVESTMENT	10/01/2023	\$821.00
00042458	H7370	LEOPOLD MAYER	10/01/2023	\$2,911.00
00042459	H2135	JOHN MC GOFF	10/01/2023	\$915.00
00042460	H00318	MCCOMBER CREEK LLC	10/01/2023	\$3,939.00
00042461	H00407	JAMES M MCGOUGALL	10/01/2023	\$1,784.00
00042462	H2842	GRACE OR GERALD MCGRATH	10/01/2023	\$1,191.00
00042463	H8490	GRACE OR GERALD MCGRATH	10/01/2023	\$2,616.00
00042464	H00269	MCP KENSINGTON LP	10/01/2023	\$1,305.00
00042465	H4793	MEAGHER FAMILY BYPASS TRUST	10/01/2023	\$859.00
00042466	H1653	MANH MEAK	10/01/2023	\$1,412.00
00042467	H4435	JAGDISH P MEHTA	10/01/2023	\$1,442.00
00042468	H00465	MERRIMAC WAY APARTMENTS	10/01/2023	\$2,099.00
00042469	H2110	MIDWAY INTEREST, LP	10/01/2023	\$10,792.00
00042470	H2638	MIKE & KATHY LEE, LP	10/01/2023	\$3,706.00
00042471	H4814	MITTAL LEGACY, LP	10/01/2023	\$4,250.00
00042472	H00205	JOHN MKHAIL	10/01/2023	\$1,828.00
00042473	H3256	MONARCH POINTE	10/01/2023	\$2,390.00
00042474	H3534	ANTHONY MONTEBELLO	10/01/2023	\$1,276.00

**CITY OF GARDEN GROVE
GGFEFM001 Warrant Register**

Check Dates Oct 1, 2023

Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Oct 4, 2023 11:18:08 AM

Page 16

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00042475	H2976	MONTECITO VISTA APT HOMES	10/01/2023	\$2,019.00
00042476	H0780	MONTEJO APARTMENTS	10/01/2023	\$1,970.00
00042477	H4658	BACH MORALES	10/01/2023	\$2,583.00
00042478	H4715	MORNINGSIDE APTS, LLC	10/01/2023	\$11,024.00
00042479	H00154	MT VERNON APARTMENTS	10/01/2023	\$1,427.00
00042480	H00350	JEFFREY MULLEN	10/01/2023	\$1,149.00
00042481	H00077	RANDALL MYCORN	10/01/2023	\$647.00
00042482	H00145	STEVEN B NACHAM	10/01/2023	\$1,310.00
00042483	H00470	ED NAJJARINE	10/01/2023	\$2,683.00
00042484	H00403	NAM VIET A - U.S.	10/01/2023	\$32,053.00
00042485	H2622	PATRICK NAMSINH	10/01/2023	\$2,116.00
00042486	H3834	NEW HORIZONVIEW, LLC	10/01/2023	\$3,726.00
00042487	H3865	NEW KENYON APARTMENTS, LLC	10/01/2023	\$1,656.00
00042488	H00383	NEW TAMERLANE LLC DBA TAMERLANE APARTMENTS	10/01/2023	\$3,524.00
00042489	H4029	NEWPORT ESTATE EXPANSION, LLC	10/01/2023	\$1,431.00
00042490	H2745	DALE XUAN NGHIEM	10/01/2023	\$1,209.00
00042491	H3956	DANIEL NGHIEM	10/01/2023	\$25,348.00
00042492	H4751	DUNG T NGO	10/01/2023	\$1,863.00
00042493	H00460	HONG NGO	10/01/2023	\$1,641.00
00042494	H3630	HONG DIEP LE NGO	10/01/2023	\$906.00
00042495	H4184	KIM NGO	10/01/2023	\$950.00
00042496	H0314	LOC T NGO	10/01/2023	\$682.00
00042497	H2386	MARY NGO	10/01/2023	\$6,890.00
00042498	H00196	MIMI T NGO	10/01/2023	\$1,559.00
00042499	H4550	TAMMY NGO	10/01/2023	\$1,487.00
00042500	H0408	NGUYEN'S FAMILY INVESTMENTS, LP	10/01/2023	\$5,638.00
00042501	H4691	AN MANH NGUYEN	10/01/2023	\$2,185.00
00042502	H4719	ANA-KARINA A NGUYEN	10/01/2023	\$1,382.00
00042503	H4645	ANDREA NGUYEN	10/01/2023	\$786.00
00042504	H3734	ANDREW Q NGUYEN	10/01/2023	\$2,035.00
00042505	H4401	ANH NGUYEN	10/01/2023	\$1,477.00
00042506	H1938	ANH-DAO NGUYEN	10/01/2023	\$1,269.00
00042507	H3749	ANTHONY NGUYEN	10/01/2023	\$1,493.00
00042508	H00176	BICH LIEN T NGUYEN	10/01/2023	\$1,642.00

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register

Check Dates Oct 1, 2023

Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Oct 4, 2023 11:18:08 AM

Page 17

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00042509	H1457	BINH NGOC NGUYEN	10/01/2023	\$3,327.00
00042510	H1430	BINH QUOC NGUYEN	10/01/2023	\$3,018.00
00042511	H3958	BRIAN BAO-KHA NGUYEN	10/01/2023	\$3,305.00
00042512	H4297	CALVIN H NGUYEN	10/01/2023	\$1,769.00
00042513	H00276	CAM NGUYEN	10/01/2023	\$1,226.00
00042514	H00111	CHARLES NGUYEN	10/01/2023	\$1,869.00
00042515	H00339	CHIEU-ANH NGUYEN	10/01/2023	\$1,450.00
00042516	H4511	CHRISTINE NGUYEN	10/01/2023	\$1,817.00
00042517	H00459	CHRISTINE CHAU NGUYEN	10/01/2023	\$3,117.00
00042518	H2274	CHRISTOPHER NGUYEN	10/01/2023	\$1,860.00
00042519	H3777	CHUONG NGUYEN	10/01/2023	\$1,383.00
00042520	H00304	CINDY L NGUYEN	10/01/2023	\$432.00
00042521	H9043	CUONG NGUYEN	10/01/2023	\$4,249.00
00042522	H4641	DAN NGUYEN	10/01/2023	\$1,476.00
00042523	H4569	DAT NGUYEN	10/01/2023	\$1,906.00
00042524	H4015	LOAN T NGUYEN, DAVID / HA	10/01/2023	\$1,815.00
00042525	H1881	DIEM-THUY NGUYEN	10/01/2023	\$2,086.00
00042526	H00480	DO NGUYEN	10/01/2023	\$1,530.00
00042527	H4558	DONG NGUYEN	10/01/2023	\$1,503.00
00042528	H4679	DUNG KIM NGUYEN	10/01/2023	\$1,856.00
00042529	H3872	DUONG NGUYEN	10/01/2023	\$1,751.00
00042530	H1143	DZUNG DAN NGUYEN	10/01/2023	\$3,024.00
00042531	H2551	ERIC NGUYEN	10/01/2023	\$2,209.00
00042532	H00489	FELIX L NGUYEN	10/01/2023	\$2,658.00
00042533	H3910	FRANK M NGUYEN	10/01/2023	\$2,072.00
00042534	H4621	HANG NGUYEN	10/01/2023	\$2,418.00
00042535	H3953	HANH V NGUYEN	10/01/2023	\$1,899.00
00042536	H3370	HAO & HUONG T NGUYEN	10/01/2023	\$1,184.00
00042537	H00234	HENRY HAO VAN NGUYEN	10/01/2023	\$2,782.00
00042538	H1446	JOSEPH NGUYEN, HOA THI OR NGUYEN	10/01/2023	\$11,033.00
00042539	H4460	HUAN NGOC NGUYEN	10/01/2023	\$1,925.00
00042540	H4479	HUE THI NGUYEN	10/01/2023	\$2,278.00
00042541	H3276	HUNG NGUYEN	10/01/2023	\$2,599.00
00042542	H00272	HUNG T NGUYEN	10/01/2023	\$1,542.00

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register

Check Dates Oct 1, 2023

Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Oct 4, 2023 11:18:08 AM

Page 18

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00042543	H3870	TIEN D NGUYEN, HUONG THY OR PHAM	10/01/2023	\$3,565.00
00042544	H00039	JANET NGUYEN	10/01/2023	\$3,678.00
00042545	H3242	JEANNIE NGUYEN	10/01/2023	\$1,638.00
00042546	H00245	JOHN NGUYEN	10/01/2023	\$1,757.00
00042547	H3241	JULIE NGUYEN	10/01/2023	\$1,510.00
00042548	H00471	KAY KHANH T NGUYEN	10/01/2023	\$1,722.00
00042549	H4697	KEVIN NGUYEN	10/01/2023	\$1,718.00
00042550	H4285	KHAI HUE NGUYEN	10/01/2023	\$2,348.00
00042551	H3497	KHANH DANG NGUYEN	10/01/2023	\$1,279.00
00042552	H3149	KIEN NGUYEN	10/01/2023	\$5,659.00
00042553	H4652	KIEN THI NGUYEN	10/01/2023	\$2,081.00
00042554	H3919	KIMCHI THI NGUYEN	10/01/2023	\$591.00
00042555	H4713	LAN HUONG NGUYEN	10/01/2023	\$2,250.00
00042556	H4195	LANIE NGUYEN	10/01/2023	\$4,422.00
00042557	H4700	LE B NGUYEN	10/01/2023	\$2,195.00
00042558	H00451	LIEM Q NGUYEN	10/01/2023	\$1,792.00
00042559	H00255	LIEN B NGUYEN	10/01/2023	\$1,703.00
00042560	H1687	LINDA NGUYEN	10/01/2023	\$4,560.00
00042561	H4079	LINDA LIEN NGUYEN	10/01/2023	\$1,653.00
00042562	H4623	LINDA MAI NGUYEN	10/01/2023	\$802.00
00042563	H00363	LINH NGOC NGUYEN	10/01/2023	\$2,197.00
00042564	H2331	LONG HUYEN DAC NGUYEN	10/01/2023	\$6,626.00
00042565	H4478	LUONG NGUYEN	10/01/2023	\$1,747.00
00042566	H00165	LUU PHUONG NGUYEN	10/01/2023	\$2,647.00
00042567	H1380	LYNDA NGUYEN	10/01/2023	\$1,560.00
00042568	H2391	MAN M NGUYEN	10/01/2023	\$1,377.00
00042569	H3526	MICHAEL THANG NGUYEN	10/01/2023	\$2,337.00
00042570	H00307	MICHELLE NGUYEN	10/01/2023	\$4,433.00
00042571	H4738	MINH NGUYEN	10/01/2023	\$1,759.00
00042572	H00040	MY DUNG THI NGUYEN	10/01/2023	\$2,061.00
00042573	H3170	MYRA D NGUYEN	10/01/2023	\$2,130.00
00042574	H1717	NANCY NGUYEN	10/01/2023	\$8,036.00
00042575	H3713	NANCY NGUYEN	10/01/2023	\$1,571.00
00042576	H00122	NATHAN V NGUYEN	10/01/2023	\$1,563.00

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register

Check Dates Oct 1, 2023

Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Oct 4, 2023 11:18:08 AM

Page 19

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00042577	H1899	NGHI NGUYEN	10/01/2023	\$2,103.00
00042578	H00448	NGHIEM NGUYEN	10/01/2023	\$1,654.00
00042579	H4744	NGOC NGUYEN	10/01/2023	\$1,905.00
00042580	H4469	OSCAR THUAN NGUYEN	10/01/2023	\$2,408.00
00042581	H4423	PETER NGUYEN	10/01/2023	\$4,304.00
00042582	H00068	PHUC T NGUYEN	10/01/2023	\$1,906.00
00042583	H00298	PHUONG T NGUYEN	10/01/2023	\$1,769.00
00042584	H2197	PHUONG MY THI NGUYEN	10/01/2023	\$7,752.00
00042585	H00340	PHUONG N NGUYEN	10/01/2023	\$1,610.00
00042586	H3853	QUANG M NGUYEN	10/01/2023	\$1,136.00
00042587	H4680	SHAWN B NGUYEN	10/01/2023	\$2,063.00
00042588	H4559	SKY NGUYEN	10/01/2023	\$3,549.00
00042589	H4118	STEVE NGUYEN	10/01/2023	\$1,721.00
00042590	H3425	STEVEN NGUYEN	10/01/2023	\$1,213.00
00042591	H4670	STEVEN NGUYEN	10/01/2023	\$1,387.00
00042592	H4340	STEVENS NGUYEN	10/01/2023	\$1,773.00
00042593	H00262	TAI ANH NGUYEN	10/01/2023	\$1,721.00
00042594	H00439	TAI PHUOC NGUYEN	10/01/2023	\$1,815.00
00042595	H3317	TAM N NGUYEN	10/01/2023	\$1,310.00
00042596	H00348	TAM-TRUNG NGUYEN	10/01/2023	\$1,376.00
00042597	H3373	THAI DUC NGUYEN	10/01/2023	\$2,229.00
00042598	H4586	THANG XUAN NGUYEN	10/01/2023	\$1,137.00
00042599	H00059	THANH-HAI NGUYEN	10/01/2023	\$1,510.00
00042600	H3978	THANH-LE NGUYEN	10/01/2023	\$1,848.00
00042601	H3313	THANH-NHAN NGUYEN	10/01/2023	\$1,775.00
00042602	H00281	THIEN NGUYEN	10/01/2023	\$1,781.00
00042603	H00239	THIEU KIM NGUYEN	10/01/2023	\$1,769.00
00042604	H3755	THINH QUOC NGUYEN	10/01/2023	\$1,811.00
00042605	H4749	THOMAS NGUYEN	10/01/2023	\$2,800.00
00042606	H4734	THU-DUNG TRAN NGUYEN	10/01/2023	\$1,754.00
00042607	H1302	THUY NGUYEN	10/01/2023	\$1,491.00
00042608	H3331	THUYHUONG THI NGUYEN	10/01/2023	\$1,385.00
00042609	H9045	TIEP NGUYEN	10/01/2023	\$2,024.00
00042610	H00046	TIM NGUYEN	10/01/2023	\$1,187.00

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register

Check Dates Oct 1, 2023

Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Oct 4, 2023 11:18:08 AM

Page 20

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00042611	H00409	TIM NGUYEN	10/01/2023	\$1,544.00
00042612	H2473	TIMMY NGUYEN	10/01/2023	\$3,302.00
00042613	H00126	TOM NGUYEN	10/01/2023	\$1,780.00
00042614	H4349	TRACY TRUC NGUYEN	10/01/2023	\$1,125.00
00042615	H4805	TRAM ANH NGUYEN	10/01/2023	\$1,902.00
00042616	H00086	TRINH NGUYEN	10/01/2023	\$1,933.00
00042617	H3469	TUAN HOANG NGUYEN	10/01/2023	\$1,541.00
00042618	H4243	TUAN NGOC NGUYEN	10/01/2023	\$1,054.00
00042619	H4643	TUYET MAI NGUYEN	10/01/2023	\$1,141.00
00042620	H1937	TUYET TRINH NGUYEN	10/01/2023	\$1,619.00
00042621	H4166	TUYET TRINH NGUYEN	10/01/2023	\$901.00
00042622	H4766	UYEN NGUYEN	10/01/2023	\$1,674.00
00042623	H3655	VAN HUY NGUYEN	10/01/2023	\$2,439.00
00042624	H3852	SOAN P NGUYEN, VANANH & DO	10/01/2023	\$247.00
00042625	H4570	VIVIAN NGUYEN	10/01/2023	\$548.00
00042626	H4755	NGUYEN, VY & THI	10/01/2023	\$1,585.00
00042627	H00468	WINSTON NGUYEN	10/01/2023	\$1,582.00
00042628	H4630	YVONNE QUYEN NGUYEN	10/01/2023	\$1,797.00
00042629	H2501	CANG NGUYEN	10/01/2023	\$1,450.00
00042630	H2550	CUONG CHI NGUYEN	10/01/2023	\$3,483.00
00042631	H2337	DUNG VAN NGUYEN	10/01/2023	\$1,444.00
00042632	H3012	HAN NGUYEN	10/01/2023	\$957.00
00042633	H1766	HUNG C NGUYEN	10/01/2023	\$2,170.00
00042634	H2956	JAMES NGUYEN	10/01/2023	\$1,325.00
00042635	H1552	LAN PHUONG THI NGUYEN	10/01/2023	\$2,757.00
00042636	H2409	LAN-NGOC NGUYEN	10/01/2023	\$1,783.00
00042637	H3086	LANI LAN T NGUYEN	10/01/2023	\$1,099.00
00042638	H2812	MINH NGOC NGUYEN	10/01/2023	\$1,912.00
00042639	H2511	PERRY NGUYEN	10/01/2023	\$1,467.00
00042640	H2610	THANH-TUYEN NGUYEN	10/01/2023	\$1,430.00
00042641	H2479	THINH THI NGUYEN	10/01/2023	\$8,309.00
00042642	H2561	TIFFANY NGUYEN	10/01/2023	\$3,530.00
00042643	H2912	XUAN YEN NGUYEN	10/01/2023	\$5,624.00
00042644	H00218	NH SEABREEZE LLC	10/01/2023	\$1,965.00

**CITY OF GARDEN GROVE
GGFEFM001 Warrant Register**

Check Dates Oct 1, 2023

Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Oct 4, 2023 11:18:08 AM

Page 21

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00042645	H00168	NNT PROPERTIES 4 LLC	10/01/2023	\$2,209.00
00042646	H00029	NOGAL FELIZ APARTMENTS	10/01/2023	\$1,747.00
00042647	H3952	NORMANDY APARTMENTS, LLC	10/01/2023	\$1,170.00
00042648	H3404	NORTHWOOD PLACE	10/01/2023	\$5,236.00
00042649	H00198	NOVAVILLE LLC	10/01/2023	\$5,624.00
00042650	H4597	JOHN OMDAHL	10/01/2023	\$2,072.00
00042651	H00158	ORANGE COUNTY COMMUNITY HOUSING CORPORATION	10/01/2023	\$1,853.00
00042652	H00161	ORANGE COUNTY COMMUNITY HOUSING CORPORATION	10/01/2023	\$932.00
00042653	H00162	ORANGE COUNTY COMMUNITY HOUSING CORPORATION	10/01/2023	\$4,527.00
00042654	H00163	ORANGE COUNTY COMMUNITY HOUSING CORPORATION	10/01/2023	\$13,579.00
00042655	H00164	ORANGE COUNTY COMMUNITY HOUSING CORPORATION	10/01/2023	\$7,258.00
00042656	H00412	ORANGE PLAZA APARTMENTS LLC	10/01/2023	\$1,995.00
00042657	H1622	ORANGE TREE APTS	10/01/2023	\$13,775.00
00042658	H4761	ORRWAY APTS HOMES, LLC	10/01/2023	\$423.00
00042659	H00345	STEVE ORTLOFF	10/01/2023	\$2,499.00
00042660	H2516	SUIKO OZAKI	10/01/2023	\$1,795.00
00042661	H4495	P & J PROPERTY MANAGEMENT	10/01/2023	\$3,642.00
00042662	H1776	BRADRAKUMAR L PAHU	10/01/2023	\$2,688.00
00042663	H00447	HOPE PAK	10/01/2023	\$4,986.00
00042664	H1328	PALM ISLAND	10/01/2023	\$13,432.00
00042665	H4644	PALMA VISTA APTS, LLC	10/01/2023	\$1,581.00
00042666	H4477	PARISIAN APARTMENTS, LP	10/01/2023	\$1,540.00
00042667	H00395	PARK CENTER PLACE	10/01/2023	\$2,195.00
00042668	H00296	A CA LP PARK CITY APARTMENTS	10/01/2023	\$2,037.00
00042669	H4487	PARK LANDING APARTMENTS	10/01/2023	\$2,512.00
00042670	H0254	PARK STANTON PLACE LP	10/01/2023	\$8,002.00
00042671	H4307	JIN PARK	10/01/2023	\$1,756.00
00042672	H8794	PATEL DILIP M	10/01/2023	\$7,192.00
00042673	H3249	SMITA DIPAK PATEL	10/01/2023	\$1,083.00
00042674	H3111	PELICAN INVESTMENTS #6, LLC	10/01/2023	\$2,900.00
00042675	H4370	PELICAN INVESTMENTS #8, LLC	10/01/2023	\$2,508.00
00042676	H3544	PELICAN INVESTMENTS, LLC	10/01/2023	\$364.00
00042677	H00222	AGNES PHAM	10/01/2023	\$724.00
00042678	H4176	BINH Q PHAM	10/01/2023	\$1,676.00

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register

Check Dates Oct 1, 2023

Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Oct 4, 2023 11:18:08 AM

Page 22

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00042679	H4210	CAROLINE PHAM	10/01/2023	\$2,722.00
00042680	H3408	CHIEN DINH PHAM	10/01/2023	\$2,166.00
00042681	H1651	DAVID DUNG PHAM	10/01/2023	\$5,076.00
00042682	H9709	DAVID LINH PHAM	10/01/2023	\$1,953.00
00042683	H00368	DUY HOANG PHAM	10/01/2023	\$3,100.00
00042684	H3912	HIEU PHAM	10/01/2023	\$2,283.00
00042685	H1080	HOANG PHAM	10/01/2023	\$4,210.00
00042686	H00357	HONG V PHAM	10/01/2023	\$1,666.00
00042687	H00330	HUNG T PHAM	10/01/2023	\$2,084.00
00042688	H1971	KHANH CONG PHAM	10/01/2023	\$2,002.00
00042689	H1117	LUCY PHAM, KIM ANH OR PHAM	10/01/2023	\$4,113.00
00042690	H0788	LAN VAN PHAM	10/01/2023	\$2,920.00
00042691	H4095	LIEN PHAM	10/01/2023	\$1,619.00
00042692	H00089	LILY H PHAM	10/01/2023	\$1,168.00
00042693	H4033	NGHIA PHAM	10/01/2023	\$2,177.00
00042694	H4724	NHAC T PHAM	10/01/2023	\$1,739.00
00042695	H4683	PAULINE TRAM PHAM	10/01/2023	\$2,008.00
00042696	H3773	PHUONG T PHAM	10/01/2023	\$1,424.00
00042697	H4501	QUYNH GIAO PHAM	10/01/2023	\$1,532.00
00042698	H3786	QUYNH-ANH HOANG PHAM	10/01/2023	\$1,773.00
00042699	H00400	SOPHIA PHAM	10/01/2023	\$2,771.00
00042700	H00275	TAM T PHAM	10/01/2023	\$2,084.00
00042701	H00432	THIEN PHAM	10/01/2023	\$1,657.00
00042702	H2255	TIM PHAM	10/01/2023	\$3,871.00
00042703	H4651	TRANG PHAM	10/01/2023	\$4,635.00
00042704	H2065	TRI PHAM	10/01/2023	\$1,946.00
00042705	H4593	TRUONG TAI PHAM	10/01/2023	\$2,193.00
00042706	H4105	TUAN A PHAM	10/01/2023	\$1,972.00
00042707	H3880	VAN LOAN THI PHAM	10/01/2023	\$1,239.00
00042708	H4503	VERONIQUE PHAM	10/01/2023	\$1,646.00
00042709	H3967	VU PHAM	10/01/2023	\$1,612.00
00042710	H2328	XUANNHA T PHAM	10/01/2023	\$1,800.00
00042711	H0595	HAI MINH PHAM	10/01/2023	\$14,028.00
00042712	H1932	HELEN PHAM	10/01/2023	\$1,187.00

**CITY OF GARDEN GROVE
GGFEFM001 Warrant Register**

Check Dates Oct 1, 2023

Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Oct 4, 2023 11:18:08 AM

Page 23

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00042713	H1851	LOAN ANH THI PHAM	10/01/2023	\$1,719.00
00042714	H0651	QUANG PHAM	10/01/2023	\$1,467.00
00042715	H4685	KATHY PHAN	10/01/2023	\$2,967.00
00042716	H4188	OANH PHAN	10/01/2023	\$4,346.00
00042717	H4781	STEVEN PHAN	10/01/2023	\$1,511.00
00042718	H4408	TAMMY PHAN	10/01/2023	\$1,508.00
00042719	H3820	THANH T PHAN	10/01/2023	\$198.00
00042720	H00232	WILSON M PHAN	10/01/2023	\$1,595.00
00042721	H3257	DON PHAN	10/01/2023	\$1,434.00
00042722	H1101	TOAN CONG PHAN	10/01/2023	\$1,337.00
00042723	H00225	VICKY T PHAN-VO	10/01/2023	\$1,683.00
00042724	H3698	ART S PHARN	10/01/2023	\$1,941.00
00042725	H00141	PHOENIX PREMIER LLC	10/01/2023	\$3,377.00
00042726	H00467	KIM VAN THI PHUNG	10/01/2023	\$1,632.00
00042727	H2863	PINE TREE PROPERTY, LLC	10/01/2023	\$3,656.00
00042728	H3505	PJP PROPERTIES, LLC	10/01/2023	\$1,631.00
00042729	H00418	PLACENTIA 422 LP	10/01/2023	\$1,779.00
00042730	H00231	PLATINUM TRI BLOC LLC	10/01/2023	\$1,731.00
00042731	H1493	PLAZA PATRIA COURT LTD	10/01/2023	\$1,471.00
00042732	H3769	PNB GREEN EXPANSION MGMT, LLC	10/01/2023	\$4,875.00
00042733	H4795	POST STERLING COURT, LP	10/01/2023	\$1,416.00
00042734	H00434	PRINCE ACACIAWOOD PROPERTY LLC	10/01/2023	\$1,350.00
00042735	H3668	PRINCE NEW HORIZON VILLAGE	10/01/2023	\$6,411.00
00042736	H00194	QN INVESTMENT LLC	10/01/2023	\$14,269.00
00042737	H4306	SAN T QUACH	10/01/2023	\$1,389.00
00042738	H3994	DERRICK WILLIAM QUAN	10/01/2023	\$1,882.00
00042739	H4620	JEANNIE QUAN	10/01/2023	\$523.00
00042740	H4357	VAN-LAN QUAN	10/01/2023	\$4,394.00
00042741	H1448	GARY L QUINN	10/01/2023	\$767.00
00042742	H00335	RAINTREE BROOKS LP	10/01/2023	\$1,938.00
00042743	H00486	A CA LP RRAINTREE COURTS	10/01/2023	\$1,499.00
00042744	H00169	RANCHO MONTEREY APARTMENTS	10/01/2023	\$5,022.00
00042745	H0978	RAVART PACIFIC, LP	10/01/2023	\$1,397.00
00042746	H3808	RAVENWOOD PROPERTIES, LLC	10/01/2023	\$3,179.00

**CITY OF GARDEN GROVE
GGFEFM001 Warrant Register**

Check Dates Oct 1, 2023

Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Oct 4, 2023 11:18:08 AM

Page 24

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00042747	H4801	RBJ INVESTMENTS CORP	10/01/2023	\$1,324.00
00042748	H00285	REAL ESTATE SOURCE	10/01/2023	\$1,669.00
00042749	H00367	RED CORAL LLC	10/01/2023	\$1,539.00
00042750	H3184	ROGER LEE REED	10/01/2023	\$3,067.00
00042751	H3573	REO INTERNATIONAL CORPORATION	10/01/2023	\$3,852.00
00042752	H1100	ROBERTA APTS, LP	10/01/2023	\$1,452.00
00042753	H00425	PATRICIA A RODRIGUEZ	10/01/2023	\$1,926.00
00042754	H00266	BRADLEY A ROMSTEDT	10/01/2023	\$1,499.00
00042755	H3631	CHARLENE ROSSIGNOL	10/01/2023	\$1,115.00
00042756	H00128	RUSSELL REAL ESTATE LLC	10/01/2023	\$2,927.00
00042757	H00203	S & P PACIFIC PROPERTIES LLC	10/01/2023	\$2,817.00
00042758	H1149	MIHRAN SABUNJIAN	10/01/2023	\$13,510.00
00042759	H00246	SAGE PARK CA LP	10/01/2023	\$1,235.00
00042760	H00324	FARZANEH SAJADIEH	10/01/2023	\$3,540.00
00042761	H4231	SALSOL PROPERTIES, LLC	10/01/2023	\$1,320.00
00042762	H00305	SAN CARLOS	10/01/2023	\$5,026.00
00042763	H4681	SAN MARINO	10/01/2023	\$45.00
00042764	H00097	SAN MIGUEL APTS / SAN MIGUEL PROPERTIES LP	10/01/2023	\$187.00
00042765	H00174	CYNTHIA SANCHEZ	10/01/2023	\$1,228.00
00042766	H0858	PAT SARGENT	10/01/2023	\$1,553.00
00042767	H3340	JILL ANN SCHLEIFER	10/01/2023	\$3,792.00
00042768	H00187	SCOTT G JOE C/O PACIFIC TRUST MANAGEMENT	10/01/2023	\$1,119.00
00042769	H4485	SCWJ, LLC	10/01/2023	\$1,777.00
00042770	H4072	SERRANO WOODS, LP	10/01/2023	\$1,965.00
00042771	H00228	MARY E SHEN	10/01/2023	\$1,863.00
00042772	H00103	DAHNING SHIH	10/01/2023	\$2,125.00
00042773	H3699	SHREEVES PROPERTIES, LLC	10/01/2023	\$2,765.00
00042774	H00365	ANTHONY AND PATIENCE SHUTTS	10/01/2023	\$1,900.00
00042775	H3779	IRV D SIGEL	10/01/2023	\$1,741.00
00042776	H4150	SILVER COVE APARTMENTS, LP	10/01/2023	\$2,235.00
00042777	H4451	IRVIN SILVERSTEIN	10/01/2023	\$1,311.00
00042778	H1182	SINGING TREE	10/01/2023	\$1,468.00
00042779	H3459	BAY SIU	10/01/2023	\$1,623.00
00042780	H00293	SOBER SOLUTIONS	10/01/2023	\$1,805.00

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register

Check Dates Oct 1, 2023

Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Oct 4, 2023 11:18:08 AM

Page 25

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00042781	H4778	SOCP, LLC	10/01/2023	\$944.00
00042782	H00243	SOMMERVILLE CONZELMAN CO LP	10/01/2023	\$6,137.00
00042783	H00288	JENNIFER SON	10/01/2023	\$1,940.00
00042784	H00055	LLC SOUTHCOAST CAPITAL HOLDINGS	10/01/2023	\$134.00
00042785	H1686	JAMES SPEARS	10/01/2023	\$2,629.00
00042786	H00244	SPICY LIVING LLC	10/01/2023	\$3,638.00
00042787	H4145	SPRINGDALE STREET APARTMENTS	10/01/2023	\$2,810.00
00042788	H3835	SPRINGSIDE, LLC	10/01/2023	\$10,993.00
00042789	H00337	STANDARD HERITAGE ANAHEIM OWNER LP	10/01/2023	\$1,923.00
00042790	H4458	TRUST STANLEY A SIROTT	10/01/2023	\$1,872.00
00042791	H3038	STANTON GROUP THREE, LLC	10/01/2023	\$3,815.00
00042792	H4566	STANTON GROUP, LLC	10/01/2023	\$1,182.00
00042793	H1277	STEWART PROPERTIES	10/01/2023	\$1,501.00
00042794	H00142	PATRICIA J STEWART	10/01/2023	\$1,932.00
00042795	H0403	ERICA STIDHAM	10/01/2023	\$6,365.00
00042796	H00462	STRATTFORD WINSTON LLC	10/01/2023	\$1,044.00
00042797	H0359	STUART DRIVE/ROSE GARDEN APTS	10/01/2023	\$112,819.00
00042798	H1147	UN SU	10/01/2023	\$3,152.00
00042799	H2049	SUNGROVE SENIOR APTS	10/01/2023	\$22,390.00
00042800	H3805	SUNNYGATE, LLC	10/01/2023	\$14,862.00
00042801	H00108	SUNRISE APARTMENT HOMES	10/01/2023	\$2,713.00
00042802	H3766	SUNRISE VILLAGE PROPERTIES, LLC	10/01/2023	\$9,269.00
00042803	H4484	EMILE J SWEIDA	10/01/2023	\$1,424.00
00042804	H00170	EVELYN SY	10/01/2023	\$1,995.00
00042805	H4543	SYCAMORE COURT APARTMENTS	10/01/2023	\$13,024.00
00042806	H4449	VINH TA	10/01/2023	\$1,884.00
00042807	H4081	ALI TAHAMI	10/01/2023	\$1,963.00
00042808	H00094	TAMARACK WOODS A CALIFORNIA LP	10/01/2023	\$2,222.00
00042809	H3432	ENLIANG T TANG	10/01/2023	\$1,633.00
00042810	H00229	TDDM INVESTMENTS CORP	10/01/2023	\$2,913.00
00042811	H3527	TDT WASHINGTON, LLC	10/01/2023	\$4,345.00
00042812	H4653	TH 12622 MORNINGSIDE, LLC	10/01/2023	\$1,757.00
00042813	H2875	HENRY THACH	10/01/2023	\$2,984.00
00042814	H4731	LYNN THAI	10/01/2023	\$1,540.00

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register

Check Dates Oct 1, 2023

Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Oct 4, 2023 11:18:08 AM

Page 26

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00042815	H00185	JAI PAUL THAKUR	10/01/2023	\$1,522.00
00042816	H00076	THE ARBORS-LAKE FOREST OWNER LLC	10/01/2023	\$1,368.00
00042817	H00052	THE CAMBRIDGE	10/01/2023	\$4,465.00
00042818	H00445	THE EDWARD APARTMENTS LLC	10/01/2023	\$1,418.00
00042819	H4391	THE FLORENTINE APTS	10/01/2023	\$1,741.00
00042820	H4759	THE KELVIN APARTMENTS	10/01/2023	\$1,638.00
00042821	H4390	THE MEDITERRANEAN APTS	10/01/2023	\$1,190.00
00042822	H4591	THE PALM GARDEN APTS LP	10/01/2023	\$1,225.00
00042823	H1007	THE ROSE GARDEN APTS	10/01/2023	\$20,195.00
00042824	H4633	THSW PARTNERS, LLC	10/01/2023	\$6,162.00
00042825	H3260	ANA MARIA THULSIRAJ	10/01/2023	\$1,265.00
00042826	H00053	TIC INVESTMENT COMPANY LLC	10/01/2023	\$5,737.00
00042827	H00062	TIC INVESTMENT COMPANY	10/01/2023	\$4,074.00
00042828	H00422	TIC INVESTMENT COMPANY LLC	10/01/2023	\$2,041.00
00042829	H4599	TIC INVESTMENT COMPANY, LLC	10/01/2023	\$1,705.00
00042830	H4600	TIC INVESTMENT COMPANY, LLC	10/01/2023	\$4,372.00
00042831	H4720	TIC INVESTMENT COMPANY, LLC	10/01/2023	\$2,537.00
00042832	H00060	TIC INVESTMENT LLC	10/01/2023	\$1,546.00
00042833	H00308	TJAC-PI LLC	10/01/2023	\$5,930.00
00042834	H4494	TLHA DOTY, LLC	10/01/2023	\$3,276.00
00042835	H4219	TLHA PALM, LLC	10/01/2023	\$1,860.00
00042836	H00207	TN INVESTMENTS GROUP LLC	10/01/2023	\$3,540.00
00042837	H00334	TN INVESTMENTS GROUP LLC	10/01/2023	\$3,160.00
00042838	H00378	TN INVESTMENTS GROUP LLC	10/01/2023	\$4,227.00
00042839	H00455	TN INVESTMENTS GROUP LLC	10/01/2023	\$1,730.00
00042840	H3827	TN INVESTMENTS GROUP, LLC	10/01/2023	\$16,534.00
00042841	H3828	TN INVESTMENTS GROUP, LLC	10/01/2023	\$1,437.00
00042842	H3829	TN INVESTMENTS GROUP, LLC	10/01/2023	\$1,545.00
00042843	H3831	TN INVESTMENTS GROUP, LLC	10/01/2023	\$1,539.00
00042844	H3939	TN INVESTMENTS PROPERTIES, LLC	10/01/2023	\$14,961.00
00042845	H4753	TNL PROPERTY, LLC	10/01/2023	\$3,713.00
00042846	H1212	KIMTRUNG THI TO	10/01/2023	\$1,815.00
00042847	H0855	VAN THU TO	10/01/2023	\$6,870.00
00042848	H4492	TOC TOC, LLC	10/01/2023	\$4,178.00

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register

Check Dates Oct 1, 2023

Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Oct 4, 2023 11:18:08 AM

Page 27

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00042849	H00189	TRUSTEE TOMMY YING TUAN	10/01/2023	\$629.00
00042850	H1454	KHANH TON	10/01/2023	\$802.00
00042851	H3377	TAP THAT TON	10/01/2023	\$2,075.00
00042852	H00444	NANCY YAPING TONG	10/01/2023	\$1,976.00
00042853	H3902	TOPADVANCED, LLC	10/01/2023	\$3,794.00
00042854	H00370	TOWNE CENTRE AT ORANGE	10/01/2023	\$1,920.00
00042855	H00178	TR ENTERPRISE LLC	10/01/2023	\$1,585.00
00042856	H1789	TRAN'S APARTMENTS	10/01/2023	\$5,437.00
00042857	H4099	ANDREW TRAN	10/01/2023	\$756.00
00042858	H4407	ANDREW TRAN	10/01/2023	\$1,980.00
00042859	H7723	ANH TUYET T TRAN	10/01/2023	\$1,837.00
00042860	H4727	ANNA THI TRAN	10/01/2023	\$1,159.00
00042861	H4012	CATHY TRAN	10/01/2023	\$1,754.00
00042862	H00156	DAT DOAN TRAN	10/01/2023	\$990.00
00042863	H00392	DUC M TRAN	10/01/2023	\$1,805.00
00042864	H3577	EDWARD T TRAN	10/01/2023	\$1,583.00
00042865	H2027	FREDERICK M TRAN	10/01/2023	\$1,213.00
00042866	H00102	HELENA TRAN	10/01/2023	\$1,896.00
00042867	H3646	HENRY TRAN	10/01/2023	\$1,178.00
00042868	H1203	JACLYN TRAN, HIEP OR TRAN	10/01/2023	\$1,118.00
00042869	H3554	HO VAN TRAN	10/01/2023	\$6,650.00
00042870	H3896	HOA TRAN	10/01/2023	\$869.00
00042871	H00124	HUE THI DANG TRAN	10/01/2023	\$1,867.00
00042872	H3456	HUNG QUOC TRAN	10/01/2023	\$1,647.00
00042873	H00044	HUONG TRAN	10/01/2023	\$2,966.00
00042874	H00057	HUYEN TRAN	10/01/2023	\$2,891.00
00042875	H3403	JANE TRAN	10/01/2023	\$2,210.00
00042876	H4270	JIM DUC TRAN	10/01/2023	\$1,658.00
00042877	H4698	JOHNNY TRAN	10/01/2023	\$4,316.00
00042878	H4251	JOSEPH QUANG TRAN	10/01/2023	\$963.00
00042879	H4499	JOSEPHINE TRAN	10/01/2023	\$2,226.00
00042880	H00454	KELLY KHUONG TRAN	10/01/2023	\$6,012.00
00042881	H00171	KENNY TRAN	10/01/2023	\$2,505.00
00042882	H00195	KEVIN TRAN	10/01/2023	\$2,760.00

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register

Check Dates Oct 1, 2023

Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Oct 4, 2023 11:18:08 AM

Page 28

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00042883	H4158	KEVIN THANH TRAN	10/01/2023	\$1,294.00
00042884	H00058	KIEU VAN TRAN	10/01/2023	\$2,539.00
00042885	H3517	KIM VAN TRAN	10/01/2023	\$3,487.00
00042886	H4276	LAY THI TRAN	10/01/2023	\$1,921.00
00042887	H4130	LOC H TRAN	10/01/2023	\$2,104.00
00042888	H4788	LONG QUOC TRAN	10/01/2023	\$1,432.00
00042889	H3775	LUCIA THUY TRAN	10/01/2023	\$1,164.00
00042890	H3442	MARY TRAN	10/01/2023	\$1,074.00
00042891	H4732	MINH TRAN	10/01/2023	\$1,420.00
00042892	H4059	MY T TRAN	10/01/2023	\$2,297.00
00042893	H4687	NGAN TRAN	10/01/2023	\$3,789.00
00042894	H3211	NGOC THI TRAN	10/01/2023	\$2,169.00
00042895	H4378	NHUT NGUYEN TRAN	10/01/2023	\$3,005.00
00042896	H3530	TAM ANH TRAN	10/01/2023	\$1,744.00
00042897	H4198	TAM MINH TRAN	10/01/2023	\$2,134.00
00042898	H3742	THERESA T TRAN	10/01/2023	\$385.00
00042899	H3744	THERESA T TRAN	10/01/2023	\$1,491.00
00042900	H4291	THONG TRAN	10/01/2023	\$1,287.00
00042901	H3371	THU HUONG THI TRAN	10/01/2023	\$934.00
00042902	H4394	TIM TRAN	10/01/2023	\$2,093.00
00042903	H4573	TINA TRAN	10/01/2023	\$2,225.00
00042904	H00025	TONY TRAN	10/01/2023	\$2,074.00
00042905	H00073	TRANG P TRAN	10/01/2023	\$1,032.00
00042906	H4507	TRUNG H TRAN	10/01/2023	\$1,583.00
00042907	H3163	TRUYEN & HELEN TRAN	10/01/2023	\$2,401.00
00042908	H3220	TU TRAN	10/01/2023	\$1,776.00
00042909	H3253	VICTORIA TRAN	10/01/2023	\$1,603.00
00042910	H0386	BAU TRAN	10/01/2023	\$1,040.00
00042911	H3227	PAUL TUAN DUC TRAN	10/01/2023	\$1,672.00
00042912	H2712	PHUONG THUY TRAN	10/01/2023	\$1,442.00
00042913	H1903	THU-HANG TRAN	10/01/2023	\$4,752.00
00042914	H2776	TUAN HUY TRAN	10/01/2023	\$1,082.00
00042915	H4422	TRG FULLERTON AFFORDABLE, LP / VENTANA APARTMENTS	10/01/2023	\$508.00

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register

Check Dates Oct 1, 2023

Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Oct 4, 2023 11:18:08 AM

Page 29

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00042916	H4136	HONG QUANG TRIEU	10/01/2023	\$1,162.00
00042917	H4266	NANCY TRIEU	10/01/2023	\$1,532.00
00042918	H2231	EMMA TRINH	10/01/2023	\$1,451.00
00042919	H00453	TAM T TRINH	10/01/2023	\$1,539.00
00042920	H3759	THANH-MAI TRINH	10/01/2023	\$3,090.00
00042921	H00385	THU XUAN TRINH	10/01/2023	\$2,050.00
00042922	H4493	TRANG N TRINH	10/01/2023	\$1,401.00
00042923	H4356	TUAN TRINH	10/01/2023	\$1,871.00
00042924	H0536	TUNG XUAN TRINH	10/01/2023	\$2,228.00
00042925	H00351	TRIPLETS CASTLE LLC	10/01/2023	\$4,200.00
00042926	H3993	DUNG T TRUONG	10/01/2023	\$1,379.00
00042927	H00356	HOAN VU MINH TRUONG	10/01/2023	\$275.00
00042928	H00188	HUE AI TRUONG	10/01/2023	\$1,883.00
00042929	H00201	JOHN TRUONG	10/01/2023	\$1,649.00
00042930	H4780	KENNY N TRUONG	10/01/2023	\$2,548.00
00042931	H00491	LAM TRUONG	10/01/2023	\$1,171.00
00042932	H00461	TAMMY TRUONG	10/01/2023	\$2,948.00
00042933	H2729	QUYEN MY TRUONG	10/01/2023	\$1,488.00
00042934	H1813	CAROLINE TSAI	10/01/2023	\$4,393.00
00042935	H4445	YUNGLIN & SHU-MEI TSAO	10/01/2023	\$3,038.00
00042936	H3867	TU BI THIEN TAM	10/01/2023	\$2,727.00
00042937	H8168	TUDOR GROVE	10/01/2023	\$80,334.00
00042938	H4536	TUSTIN AFFORDABLE HOUSING	10/01/2023	\$3,162.00
00042939	H4030	TUSTIN SOUTHERN APTS - OFFICE	10/01/2023	\$1,314.00
00042940	H00388	UDR HUNTINGTON VISTA LP DBA HUNTINGTON VISTA	10/01/2023	\$3,606.00
00042941	H9100	V W PROPERTY	10/01/2023	\$4,894.00
00042942	H00410	V&L PROPERTIES LLC	10/01/2023	\$1,825.00
00042943	H1541	CONNIE VALDEZ	10/01/2023	\$1,343.00
00042944	H00361	VALLEY VIEW SENIOR APARTMENTS LLC	10/01/2023	\$19,572.00
00042945	H00199	LISA TO VAN	10/01/2023	\$1,599.00
00042946	H0814	MINH XUONG VAN	10/01/2023	\$898.00
00042947	H4661	RONALD VAN	10/01/2023	\$3,797.00
00042948	H2755	ARTURO ENRIQUEZ VAZQUEZ	10/01/2023	\$2,511.00
00042949	H4392	VERSAILLES APTS	10/01/2023	\$3,386.00

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register

Check Dates Oct 1, 2023

Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Oct 4, 2023 11:18:08 AM

Page 30

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00042950	H4553	VINTAGE CANYON SR APTS	10/01/2023	\$1,579.00
00042951	H4625	VINTAGE FLAGSHIP, LLC	10/01/2023	\$2,960.00
00042952	H3689	VJ SURGICAL, LLC	10/01/2023	\$2,468.00
00042953	H3628	VLE RENTAL, LLC	10/01/2023	\$10,338.00
00042954	H00464	HANG LEHONG VO	10/01/2023	\$2,097.00
00042955	H3132	HUNG MINH VO	10/01/2023	\$2,368.00
00042956	H4205	JEFF VO	10/01/2023	\$1,468.00
00042957	H2134	KHANH MAI VO	10/01/2023	\$6,144.00
00042958	H4531	LOAN VO	10/01/2023	\$2,208.00
00042959	H3938	LOC ANH VO	10/01/2023	\$1,139.00
00042960	H4787	MICKEY VO	10/01/2023	\$1,762.00
00042961	H00473	NIKKI VO	10/01/2023	\$1,553.00
00042962	H00394	TRACY TRANG VO	10/01/2023	\$2,363.00
00042963	H1481	TINA NGA VOLE	10/01/2023	\$1,238.00
00042964	H3718	NIPA D VORA	10/01/2023	\$2,740.00
00042965	H3907	ANNIE VU	10/01/2023	\$1,662.00
00042966	H00477	BICH HIEN VU	10/01/2023	\$2,233.00
00042967	H2123	DAT VU	10/01/2023	\$18,626.00
00042968	H4560	HOA VU	10/01/2023	\$1,503.00
00042969	H3918	HUAN VU	10/01/2023	\$1,205.00
00042970	H00065	HUNG TRONG VU	10/01/2023	\$1,538.00
00042971	H00206	JADE NGOC VU	10/01/2023	\$1,328.00
00042972	H00211	KHUAT VU	10/01/2023	\$1,956.00
00042973	H4657	KRYSTINA VU	10/01/2023	\$1,417.00
00042974	H4197	LEO M VU	10/01/2023	\$1,761.00
00042975	H4549	MINH VU	10/01/2023	\$1,102.00
00042976	H3760	NAM H VU	10/01/2023	\$1,437.00
00042977	H3274	PHUONG MINH VU	10/01/2023	\$1,284.00
00042978	H00306	SHAWN VU	10/01/2023	\$1,791.00
00042979	H00074	SU T VU	10/01/2023	\$2,234.00
00042980	H00249	SUONG N VU	10/01/2023	\$1,539.00
00042981	H3823	TAN DUY VU	10/01/2023	\$3,339.00
00042982	H2823	TRUNG QUOC VU	10/01/2023	\$1,217.00
00042983	H0883	TUONG MANH VU	10/01/2023	\$2,386.00

**CITY OF GARDEN GROVE
GGFEFM001 Warrant Register**

Check Dates Oct 1, 2023

Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Oct 4, 2023 11:18:08 AM

Page 31

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00042984	H3612	VINCE HUNG VU	10/01/2023	\$2,514.00
00042985	H3928	VIVIAN VU	10/01/2023	\$909.00
00042986	H4807	YEN T VU	10/01/2023	\$2,375.00
00042987	H00034	HAO DUC VUONG	10/01/2023	\$1,347.00
00042988	H00226	HOA THI VUONG	10/01/2023	\$2,734.00
00042989	H00313	KAITHLYN VUONG	10/01/2023	\$1,740.00
00042990	H4642	DAVID WALD	10/01/2023	\$946.00
00042991	H9105	WALDEN APTS	10/01/2023	\$4,543.00
00042992	H1725	WALDEN GLEN APTS	10/01/2023	\$1,894.00
00042993	H4489	HO PONG WAN	10/01/2023	\$1,588.00
00042994	H2084	CHARLES WANG	10/01/2023	\$5,780.00
00042995	H2253	SUZY WANG	10/01/2023	\$3,575.00
00042996	H0867	IRVING WEISER	10/01/2023	\$2,250.00
00042997	H00419	WEISSER INVESTMENTS LLC	10/01/2023	\$9,944.00
00042998	H4530	WESLEY VILLAGE APARTMENTS	10/01/2023	\$4,546.00
00042999	H0442	HENRY B WESSELN	10/01/2023	\$3,078.00
00043000	H1238	WESTCHESTER PARK, LP	10/01/2023	\$1,994.00
00043001	H00144	WESTERN NATIONAL EL DORADO PARTNERS LP	10/01/2023	\$1,409.00
00043002	H3468	WESTLAKE APARTMENTS, LLC	10/01/2023	\$8,675.00
00043003	H2684	WESTMINSTER HOUSING PARTNER, LP	10/01/2023	\$5,170.00
00043004	H1025	WESTPARK APTS	10/01/2023	\$2,108.00
00043005	H00376	WHISPERING FOUNTAINS AT LAGUNA WOODS	10/01/2023	\$1,563.00
00043006	H2986	CINDY OR ED WICK	10/01/2023	\$861.00
00043007	H00437	WILLIAMS STRATTON FAMILY LLC	10/01/2023	\$1,670.00
00043008	H0029	WILLOWICK ROYAL	10/01/2023	\$476.00
00043009	H4424	WILSHIRE CREST	10/01/2023	\$1,919.00
00043010	H4523	WINDMILL APARTMENTS	10/01/2023	\$5,209.00
00043011	H4608	WINDWOOD GLEN APTS	10/01/2023	\$1,576.00
00043012	H3429	WINDWOOD KNOLL APARTMENTS	10/01/2023	\$4,575.00
00043013	H9109	WINNIE INVESTMENT	10/01/2023	\$7,717.00
00043014	H3286	WINSTON PLACE, LLC	10/01/2023	\$1,221.00
00043015	H4232	WONDERFUL IDEA, LLC	10/01/2023	\$1,462.00
00043016	H00413	JULIA WONG	10/01/2023	\$1,770.00
00043017	H3592	PHILLIP WONG	10/01/2023	\$1,095.00

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register

Check Dates Oct 1, 2023

Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Oct 4, 2023 11:18:08 AM

Page 32

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00043018	H4709	WOODBIDGE VILLAS APARTMENT HOMES	10/01/2023	\$1,569.00
00043019	H4762	WOODBIDGE WILLOWS	10/01/2023	\$4,277.00
00043020	H3506	WOODBURY SQUARE	10/01/2023	\$1,748.00
00043021	H00184	XIAOLIN WU	10/01/2023	\$1,177.00
00043022	H00469	THOMAS XA	10/01/2023	\$1,841.00
00043023	H00398	TINA PI-YU YAO	10/01/2023	\$2,150.00
00043024	H0165	LEON SHU YAU	10/01/2023	\$1,699.00
00043025	H4806	JIYUN YEOM	10/01/2023	\$3,130.00
00043026	H00190	JAIMIE L YIANG	10/01/2023	\$1,766.00
00043027	H00333	YORBA LINDA ALTRUDY LP	10/01/2023	\$948.00
00043028	H4168	HENRY H YOUNG	10/01/2023	\$1,686.00
00043029	H4596	EUGENIA ZASLAVSKY	10/01/2023	\$4,300.00
00043030	H3730	GEORGE ZHAO	10/01/2023	\$1,649.00
00689790	H00411	1600 W BROADWAY LLC	10/01/2023	\$1,939.00
00689791	H00501	1975 LAKE LP	10/01/2023	\$2,801.00
00689792	H4194	WILLIAM ADAMS	10/01/2023	\$1,229.00
00689793	H00238	ADVANCE GLOBAL ASSET GROUP INC	10/01/2023	\$1,515.00
00689794	H00248	ADVANCED GROUP 05-85 A CAL LTD PARTNERSHIP	10/01/2023	\$1,428.00
00689795	H4534	ALISO VIEJO 621, LP	10/01/2023	\$1,247.00
00689796	H00290	ALLEPHESIANS 1, LLC	10/01/2023	\$1,730.00
00689797	H2616	ANAHEIM REVITALIZATION II PART	10/01/2023	\$2,929.00
00689798	H4705	ANAHEIM REVITALIZATION IV PARTNERS, LP	10/01/2023	\$1,782.00
00689799	H4722	ANAHEIM REVITALIZATION PARTNERS III LP	10/01/2023	\$1,769.00
00689800	H7330	BAHIA VILLAGE MOBILEHOME PARK	10/01/2023	\$996.00
00689801	H00070	BRIDGE WF CA CRYSTAL VIEW LP	10/01/2023	\$2,503.00
00689802	H0950	RICHARD BUI JR	10/01/2023	\$2,973.00
00689803	H00155	CRYSTAL BUI	10/01/2023	\$2,168.00
00689804	H3596	JIMMY QUOC BUI	10/01/2023	\$3,813.00
00689805	H4355	LAN HUYNH NGOC BUI	10/01/2023	\$997.00
00689806	H0432	PHAT BUI	10/01/2023	\$3,282.00
00689807	H1455	SON MINH BUI	10/01/2023	\$1,400.00
00689808	H4756	TAN H BUI	10/01/2023	\$1,566.00
00689809	H4238	TINH TIEN BUI	10/01/2023	\$2,108.00
00689810	H00247	CASA LA VETA ASSOCIATES	10/01/2023	\$2,055.00

**CITY OF GARDEN GROVE
GGFEFM001 Warrant Register**

Check Dates Oct 1, 2023

Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Oct 4, 2023 11:18:08 AM

Page 33

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00689811	H9009	CHANTECLAIR APTS	10/01/2023	\$1,391.00
00689812	H00127	RICHARD N CHAO	10/01/2023	\$1,451.00
00689813	H2701	DAVID CHEN	10/01/2023	\$1,295.00
00689814	H4671	ROBERT CHRISTMAN	10/01/2023	\$2,658.00
00689815	H00358	ANH CHU	10/01/2023	\$1,863.00
00689816	H4617	MEI-LING CHU	10/01/2023	\$1,036.00
00689817	H00456	CITY YARD HOUSING PARTNERS LP C/O FPI MANAGEMENT	10/01/2023	\$1,018.00
00689818	H00476	CM 130 20 LLC C/O LEAP PROPERTY MGMT INC	10/01/2023	\$1,877.00
00689819	H4773	CMIF III CORONADO PALMS, LLC	10/01/2023	\$1,439.00
00689820	H00227	CORDOVA A CA LP	10/01/2023	\$2,003.00
00689821	H00344	CORTESIA AT RANCHO SANTA MARGARITA	10/01/2023	\$2,482.00
00689822	H4380	CRESTWOOD ON 7, LLC	10/01/2023	\$2,460.00
00689823	H00072	KHANH DANG	10/01/2023	\$1,547.00
00689824	H00106	HAROLD E DELONG	10/01/2023	\$1,347.00
00689825	H4690	KIM-ANH T DINH	10/01/2023	\$5,167.00
00689826	H4533	MINH TAM DO	10/01/2023	\$1,650.00
00689827	H4222	THUAN DO	10/01/2023	\$1,398.00
00689828	H3422	DINH T DOAN	10/01/2023	\$1,460.00
00689829	H00043	MICHAEL DOAN	10/01/2023	\$1,545.00
00689830	H1395	HELMUT DONNER	10/01/2023	\$2,402.00
00689831	H4348	LAN DUONG	10/01/2023	\$1,401.00
00689832	H00377	EIGHT 80 NEWPORT BEACH	10/01/2023	\$1,504.00
00689833	H4187	EL CAMINO LU, LLC	10/01/2023	\$1,793.00
00689834	H3075	EMERALD GARDENS APT	10/01/2023	\$805.00
00689835	H5060	EUCLID PARK APTS	10/01/2023	\$1,739.00
00689836	H00236	FENWAY APTS	10/01/2023	\$2,088.00
00689837	H4813	FENWAY PROPERTIES	10/01/2023	\$1,490.00
00689838	H00399	FIVE COVES	10/01/2023	\$1,911.00
00689839	H2768	DALE A FULLWOOD	10/01/2023	\$1,400.00
00689840	H00415	FUSION PROPERTY MANAGMENT COMPANY	10/01/2023	\$1,491.00
00689841	H4193	GROVE PARK, LLC	10/01/2023	\$4,560.00
00689842	H00389	HANNA PROPERTY INVESTMENTS LLC	10/01/2023	\$2,108.00
00689843	H1979	STEVE HARA	10/01/2023	\$6,621.00

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register

Check Dates Oct 1, 2023

Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Oct 4, 2023 11:18:08 AM

Page 34

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00689844	H00221	HAUPT PROPERTIES, LLC C/O DROUIN REALTY	10/01/2023	\$1,138.00
00689845	H4703	HERMOSA VILLAGE PHASE I HOUSING PARTNERS, LP	10/01/2023	\$2,120.00
00689846	H1873	JAMES HOANG	10/01/2023	\$1,518.00
00689847	H3022	NICK HOFFMAN	10/01/2023	\$2,280.00
00689848	H00355	HOYT REAL ESTATE INC	10/01/2023	\$1,763.00
00689849	H3140	CHONG WEI HUANG	10/01/2023	\$952.00
00689850	H00240	HUNTINGTON POINTE 2019 LP	10/01/2023	\$1,995.00
00689851	H00503	LP HUNTINGTON-HUMBOLDT	10/01/2023	\$1,991.00
00689852	H4810	DOANH HUYNH	10/01/2023	\$1,351.00
00689853	H3473	NATALIE N HUYNH	10/01/2023	\$1,409.00
00689854	H00404	STEPHANIE HUYNH	10/01/2023	\$93.00
00689855	H3095	TRANG HUYNH	10/01/2023	\$4,830.00
00689856	H00329	IHLLC HOLDINGS I LLC	10/01/2023	\$2,397.00
00689857	H00224	JAMES K SKEOCH DECEDENT'S TRUST	10/01/2023	\$3,517.00
00689858	H00479	JOHNSON BYPASS TRUST	10/01/2023	\$2,873.00
00689859	H00254	STEPHEN JOHNSON	10/01/2023	\$1,477.00
00689860	H4584	JOON CHOI VDS APARTMENT LLC	10/01/2023	\$11,960.00
00689861	H2641	KDF HERMOSA, LP	10/01/2023	\$5,707.00
00689862	H3083	KDF MALABAR, LP	10/01/2023	\$37,132.00
00689863	H2403	KDF SEA WIND, LP	10/01/2023	\$977.00
00689864	H00217	VI KIM	10/01/2023	\$1,548.00
00689865	H3683	WILLIAM KUNZMAN	10/01/2023	\$1,988.00
00689866	H00492	LTD LA MADERA	10/01/2023	\$1,748.00
00689867	H00478	LAGUNA GARDEN APARTMENTS	10/01/2023	\$1,716.00
00689868	H00117	ANH T LAM	10/01/2023	\$796.00
00689869	H4284	LE FAMILY TRUST	10/01/2023	\$819.00
00689870	H1638	DON LE	10/01/2023	\$974.00
00689871	H1531	TRACEY LE	10/01/2023	\$1,467.00
00689872	H1423	VIET Q LE	10/01/2023	\$1,291.00
00689873	H0298	YENNHI LE	10/01/2023	\$1,335.00
00689874	H4132	HOABINH LE-MUNZER	10/01/2023	\$984.00
00689875	H00223	LAWRENCE B LEBLANC	10/01/2023	\$11,942.00
00689876	H4694	DOUG LEONG	10/01/2023	\$1,539.00
00689877	H0216	ALICE LIAO	10/01/2023	\$2,993.00

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register

Check Dates Oct 1, 2023

Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Oct 4, 2023 11:18:08 AM

Page 35

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00689878	H00066	DAVID A LO	10/01/2023	\$1,460.00
00689879	H4765	MAI LUONG	10/01/2023	\$3,400.00
00689880	H0958	WILLIAM T MACDONALD	10/01/2023	\$5,957.00
00689881	H00500	DAVID MADJE	10/01/2023	\$1,646.00
00689882	H00132	DAVID E MADJE	10/01/2023	\$9,073.00
00689883	H00423	JOSE L MADRIGAL	10/01/2023	\$1,686.00
00689884	H1188	LARRY MAH	10/01/2023	\$1,230.00
00689885	H2333	HANH T MAI-NGUYEN	10/01/2023	\$1,585.00
00689886	H1861	TERRY MAMMEN	10/01/2023	\$5,130.00
00689887	H4675	ZHIYAN MAO	10/01/2023	\$2,836.00
00689888	H00279	ODETTE MIKHAIL	10/01/2023	\$1,803.00
00689889	H3043	MONARK, LP	10/01/2023	\$9,344.00
00689890	H00353	MONTICELLO PROPERTY MANAGEMENT	10/01/2023	\$1,646.00
00689891	H00274	NEWPORT HOUSING PARTNERS LP	10/01/2023	\$1,782.00
00689892	H00152	BRIGHTON QUOCSI NGO	10/01/2023	\$1,484.00
00689893	H00114	AN NGUYEN	10/01/2023	\$1,279.00
00689894	H00420	BAONGOC NGUYEN	10/01/2023	\$3,500.00
00689895	H1184	BICHLE T NGUYEN	10/01/2023	\$4,538.00
00689896	H00270	HAIHA NGUYEN	10/01/2023	\$1,217.00
00689897	H2192	HOC VAN NGUYEN	10/01/2023	\$2,237.00
00689898	H00490	IAN YEN NGUYEN	10/01/2023	\$1,577.00
00689899	H00397	JENNY NGUYEN	10/01/2023	\$2,027.00
00689900	H4473	MAI NGUYEN	10/01/2023	\$1,204.00
00689901	H00271	MINDY NGUYEN	10/01/2023	\$1,779.00
00689902	H00175	NAM V NGUYEN	10/01/2023	\$1,345.00
00689903	H4061	NGUYEN, NICOLE U	10/01/2023	\$609.00
00689904	H00496	RANDY NGUYEN	10/01/2023	\$2,746.00
00689905	H00405	RYAN NGUYEN	10/01/2023	\$2,401.00
00689906	H4529	STEVEN NGUYEN	10/01/2023	\$946.00
00689907	H9044	THANH VAN NGUYEN	10/01/2023	\$1,541.00
00689908	H4682	THUY T NGUYEN	10/01/2023	\$836.00
00689909	H00424	TU VAN NGUYEN	10/01/2023	\$1,783.00
00689910	H00332	TUAN NGUYEN	10/01/2023	\$1,578.00
00689911	H3103	NICOLE UYEN NGUYEN	10/01/2023	\$701.00

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register

Check Dates Oct 1, 2023

Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Oct 4, 2023 11:18:08 AM

Page 36

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00689912	H2879	PAULINE KIMPHUNG NGUYEN	10/01/2023	\$4,953.00
00689913	H1027	TON SANH NGUYEN	10/01/2023	\$1,305.00
00689914	H3114	TRACY NGUYEN	10/01/2023	\$2,059.00
00689915	H2699	THUY-TIEN NGUYEN-TU	10/01/2023	\$3,258.00
00689916	H00212	OCEAN BREEZE VILLAS	10/01/2023	\$3,312.00
00689917	H00041	OLIVIA THANH CAPITALS LLC	10/01/2023	\$3,736.00
00689918	H00291	PALM ISLAND SENIOR APARTMENTS	10/01/2023	\$7,547.00
00689919	H00193	PARK RIDGE ENTERPRISE LP	10/01/2023	\$1,420.00
00689920	H2739	CHONG PIL PARK	10/01/2023	\$1,546.00
00689921	H4351	PAVILION PARK SENIOR 1 HOUSING PARTNERS, LP	10/01/2023	\$1,994.00
00689922	H4582	ANH THI PHAM	10/01/2023	\$1,523.00
00689923	H00414	CUONG KIM PHAM	10/01/2023	\$1,865.00
00689924	H4800	DAVID VU PHAM	10/01/2023	\$1,835.00
00689925	H00150	DON PHU PHAM	10/01/2023	\$2,860.00
00689926	H00182	JULIE NGOC PHAM	10/01/2023	\$1,722.00
00689927	H3817	QUYEN PHAM	10/01/2023	\$1,475.00
00689928	H00349	HARRISON PHAN	10/01/2023	\$1,755.00
00689929	H4786	HUNG PHAN	10/01/2023	\$2,838.00
00689930	H00303	JENNIFER PHAN	10/01/2023	\$1,330.00
00689931	H00316	PINES APARTMENTS	10/01/2023	\$1,910.00
00689932	H4509	PLAZA WOODS, LLC	10/01/2023	\$2,598.00
00689933	H4535	PORTOLA IRVINE, LP ANTON PORTOLA APARTMENTS	10/01/2023	\$1,801.00
00689934	H00320	PRALLE AND CASE NO. 2 LP	10/01/2023	\$1,540.00
00689935	H4353	RAYMOND AND LYNN RUAIS	10/01/2023	\$595.00
00689936	H00427	SAN JUAN A CA LP	10/01/2023	\$1,042.00
00689937	H00283	SANTA ANA HOUSING AUTHORITY	10/01/2023	\$30,500.04
00689938	H00325	SAVANNA BANANA LLC	10/01/2023	\$1,500.00
00689939	H3488	CELESTE SCHWERMANN	10/01/2023	\$1,073.00
00689940	H00322	SEA WIND 2016 LP	10/01/2023	\$591.00
00689941	H00317	SEQUOIA EQUITIES HIDDEN HILLS	10/01/2023	\$1,694.00
00689942	H00457	TIMOTHY SHINN	10/01/2023	\$1,788.00
00689943	H4241	SILO NORTHEAST, LLC	10/01/2023	\$3,526.00
00689944	H4590	CATHY TA	10/01/2023	\$1,730.00
00689945	H00147	DANNY HOANG TA	10/01/2023	\$1,545.00

**CITY OF GARDEN GROVE
GGFEFM001 Warrant Register**

Check Dates Oct 1, 2023

Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Oct 4, 2023 11:18:08 AM

Page 37

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00689946	H00493	CLAUDIA L TAPIA	10/01/2023	\$1,398.00
00689947	H00342	TDT BUSHARD, LLC	10/01/2023	\$665.00
00689948	H4409	TERESINA APARTMENTS	10/01/2023	\$1,418.00
00689949	H00113	THE HUNTINGTON PARTNERSHIP	10/01/2023	\$1,644.00
00689950	H00087	THE RETREAT AT MIDWAY CITY (WSH MANAGEMENT)	10/01/2023	\$3,087.00
00689951	H00482	THE ZAND FAMILY REVOCABLE TRUST	10/01/2023	\$770.00
00689952	H1959	THOMSON EQUITIES	10/01/2023	\$1,394.00
00689953	H4726	TIC INVESTMENT COMPANY, LLC	10/01/2023	\$9,132.00
00689954	H00257	TKN DBA GROVESIDE LLC	10/01/2023	\$1,410.00
00689955	H00343	TOMMY LEE & TIFFANY THUY PHAM	10/01/2023	\$1,510.00
00689956	H4616	VINH THAT TON	10/01/2023	\$1,887.00
00689957	H00075	IVY TONNU-MIHARA	10/01/2023	\$1,454.00
00689958	H00331	ANTHONY P TRAN	10/01/2023	\$1,357.00
00689959	H4688	ERIC TRAN	10/01/2023	\$486.00
00689960	H3686	LIEN KIM TRAN-NGUYEN	10/01/2023	\$1,199.00
00689961	H00273	TRIDER CORPORATION	10/01/2023	\$794.00
00689962	H4476	HANH NGOC TRUONG	10/01/2023	\$1,930.00
00689963	H00056	LUCKY LUC TRUONG	10/01/2023	\$1,199.00
00689964	H2335	THUAN BICH TRUONG	10/01/2023	\$1,712.00
00689965	H2410	SON BICH TRUONG	10/01/2023	\$1,854.00
00689966	H0146	ANGELO S TURI	10/01/2023	\$2,851.00
00689967	H00338	UDR THE RESIDENCES AT BELLA TERRA	10/01/2023	\$2,063.00
00689968	H2982	MARCO VELASTEGUI	10/01/2023	\$1,754.00
00689969	H3943	VILLA CAPRI ESTATES	10/01/2023	\$2,156.00
00689970	H2717	THUA VINH	10/01/2023	\$857.00
00689971	H00373	VINKAYLA LLC	10/01/2023	\$2,119.00
00689972	H4662	VISTA DEL SOL APARTMENTS	10/01/2023	\$1,611.00
00689973	H9103	VISTA DEL SOL APTS	10/01/2023	\$1,457.00
00689974	H00497	VLADIMIR AND MARTA BILANOVIC AS TRUSTEES	10/01/2023	\$2,516.00
00689975	H00430	BINH NGUYEN VO	10/01/2023	\$1,539.00
00689976	H1723	KIMCHI VO	10/01/2023	\$2,091.00
00689977	H00369	SAMANTHA VO	10/01/2023	\$1,650.00
00689978	H3476	TIN TRUNG VO	10/01/2023	\$1,616.00
00689979	H1805	VPM BRIDGES APTS	10/01/2023	\$831.00

**CITY OF GARDEN GROVE
GGFEFM001 Warrant Register**

Check Dates Oct 1, 2023

Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Oct 4, 2023 11:18:08 AM

Page 38

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00689980	H3637	VPM MANAGEMENT	10/01/2023	\$1,328.00
00689981	H3088	VPM SHER LANE, LP	10/01/2023	\$2,759.00
00689982	H00146	LONG DUC VU	10/01/2023	\$968.00
00689983	H2900	DANNY VU	10/01/2023	\$2,046.00
00689984	H00487	TIFFANY VUONG	10/01/2023	\$1,539.00
00689985	H00472	WALNUT JEFFREY PARTNERSHIP	10/01/2023	\$1,235.00
00689986	H00359	JIA PEIR WANG	10/01/2023	\$1,617.00
00689987	H0719	NEIL E WEST	10/01/2023	\$1,372.00
00689988	H00481	WHIFFLE TREE APARTMENTS	10/01/2023	\$2,257.00
00689989	H1934	WINDSOR-DAWSON, LP	10/01/2023	\$4,698.00
00689990	H00118	WOODBIDGE APARTMENTS	10/01/2023	\$1,969.00
			EFT:	1,061 \$3,512,608.18
			Check:	201 \$496,121.04
			Total:	1,262 \$4,008,729.22



City of Garden Grove
Certificate of Warrants
Register Dates:
10/04/2023

This is to certify the demands covered by EFT numbers 00043031 through 00043062 and check numbers 00689991 through 00690088 inclusive as listed on this register and have been verified by the Finance Division as properly issued and bear all proper signatures.

Note: Warrant 00690047 has been voided

A handwritten signature in black ink, which appears to read 'Patricia Song'. The signature is written in a cursive, flowing style and is positioned above a horizontal line.

Finance Director
Patricia Song

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register
Check Dates Between Oct 2, 2023 and Oct 4, 2023
Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Nov 10, 2023 9:26:19 AM

Page 1

AP - Checking Account

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00043031	V02838	AXCES INDUSTRIAL SUPPLY, INC.	10/04/2023	\$324.08
00043032	V00175	CALIFORNIA YELLOW CAB	10/04/2023	\$9,684.00
00043033	V00430	CANNON CORPORATION	10/04/2023	\$17,277.50
00043034	V00672	CRON & ASSOCIATES TRANSCRIPTION, INC	10/04/2023	\$423.22
00043035	V00476	CSG CONSULTANTS, INC	10/04/2023	\$61,775.00
00043036	V00673	DAVID VOLZ DESIGN LANDSCAPE ARCHITECTS, INC	10/04/2023	\$75,775.25
00043037	V03002	DUDEK	10/04/2023	\$33,060.50
00043038	V00679	ENTERPRISE FLEET MGMT, INC	10/04/2023	\$6,797.89
00043039	V03292	FLOCK SAFETY	10/04/2023	\$120,450.00
00043040	V01386	GREEN HALO SYSTEMS, INC.	10/04/2023	\$546.00
00043041	V00243	INDOFF, INC	10/04/2023	\$2,608.81
00043042	V03256	INVESTEL GARDEN RESORTS LLC	10/04/2023	\$500,092.43
00043043	V01817	LSA ASSOCIATES, INC	10/04/2023	\$2,649.00
00043044	V00747	OCEAN BLUE ENVIRONMENTAL SERVICES, INC	10/04/2023	\$981.70
00043045	V00136	ORANGE COUNTY WELDING, INC	10/04/2023	\$440.00
00043046	V00210	PEST OPTIONS, INC	10/04/2023	\$1,905.00
00043047	V00425	PETDATA	10/04/2023	\$1,938.30
00043048	V01319	PLAYPOWER LT FARMINGTON, INC	10/04/2023	\$484.55
00043049	V03299	INC. SERNET	10/04/2023	\$450.00
00043050	V00250	SIMPSON CHEVROLET OF GG	10/04/2023	\$64.38
00043051	V00261	STRICTLY TECHNOLOGY, LLC	10/04/2023	\$3,287.00
00043052	V03173	SULLY-MILLER CONTRACTING COMPANY	10/04/2023	\$718,098.59
00043053	V03136	SUNRISE MULTISPECIALIST MEDICAL CENTER	10/04/2023	\$901.00
00043054	V03085	T.E. ROBERTS INC.	10/04/2023	\$567,519.85
00043055	V02748	VCA CODE	10/04/2023	\$54,018.71
00043056	V00035	VERITIV OPERATING COMPANY	10/04/2023	\$2,579.55
00043057	V00826	WEST COAST ARBORISTS, INC	10/04/2023	\$64,283.95
00043058	V01469	WEST YOST ASSOCIATES, INC.	10/04/2023	\$29,122.35
00043059	V01731	WILLDAN ENGINEERING	10/04/2023	\$26,885.00
00043060	V03066	WRENCH REBEL COLLISION, LLC	10/04/2023	\$1,946.59
00043061	V03096	PERFORMANCE PICKLEBALL LLC	10/04/2023	\$126.00
00043062	V03163	YOUNG REMBRANDTS NORTH ORANGE COUNTY	10/04/2023	\$322.01
00689991	V00767	POSTMASTER	10/03/2023	\$12,154.20

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register
Check Dates Between Oct 2, 2023 and Oct 4, 2023
Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Nov 10, 2023 9:26:19 AM

Page 2

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00689992	OTV002557	ADU PLANNING DESIGN	10/04/2023	\$1,000.00
00689993	V00635	ALL CITY MANAGEMENT SERVICES, INC	10/04/2023	\$15,094.85
00689994	V01324	ALLIED NETWORK SOLUTIONS, INC	10/04/2023	\$12,600.00
00689995	V00514	AMTECH ELEVATOR SERVICES	10/04/2023	\$1,153.42
00689996	V00864	ASSOCIATED SOILS ENGINEERING, INC	10/04/2023	\$29,370.00
00689997	V00145	AUTONATION FORD TUSTIN	10/04/2023	\$555.99
00689998	V00391	AUTOZONE STORES, INC	10/04/2023	\$6.08
00689999	V01152	B L WALLACE DISTRIBUTOR, INC	10/04/2023	\$6,535.59
00690000	OTV002837	ELVIRA BAUTISTA GARCIA	10/04/2023	\$100.00
00690001	V02740	BOARD UP DOMINGUEZ INC	10/04/2023	\$595.00
00690002	V01494	C G LANDSCAPE, INC	10/04/2023	\$1,573.00
00690003	OTV001543	GLENN VAN CAPELLE	10/04/2023	\$1,000.00
00690004	V00637	CITY OF ANAHEIM	10/04/2023	\$156,392.53
00690005	V00654	CLEA CALIF LAW ENFORCEMENT ASSOC	10/04/2023	\$3,743.25
00690006	V00579	COASTLINE EQUIPMENT	10/04/2023	\$912.32
00690007	V00666	COMMUNITY VETERINARY HOSPITAL INC	10/04/2023	\$913.00
00690008	V00497	CORDOVA & SON, INC	10/04/2023	\$681.35
00690009	V00620	COUNTY OF ORANGE	10/04/2023	\$2,076.41
00690010	V01151	COUNTY OF ORANGE DA'S OFFICE, ASSET FORFEITURE	10/04/2023	\$4,800.00
00690011	V01134	COUNTY OF ORANGE TREAS REV RECOVERY-A/R UNIT	10/04/2023	\$6,323.20
00690012	V02819	D.S. CUSTOM LINENS, INC.	10/04/2023	\$660.72
00690013	OTV003049	THUAN DAO	10/04/2023	\$2,000.00
00690014	V01183	DEPARTMENT OF JUSTICE	10/04/2023	\$256.00
00690015	V00184	DIAMOND ENVIRONMENTAL SERVICES	10/04/2023	\$1,179.27
00690016	OTV003044	DOAN, VU	10/04/2023	\$1,000.00
00690017	V00174	ENGINEERING RESOURCES OF SOUTHERN CALIFORNIA, INC	10/04/2023	\$18,498.80
00690018	V00547	ENVIRONMENTAL SYSTEMS RESEARCH INSTITUTE, INC	10/04/2023	\$13,240.00
00690019	V00336	EXCLUSIVE AUTO DETAIL	10/04/2023	\$612.00
00690020	V00233	FACTORY MOTOR PARTS CO BIN 139107	10/04/2023	\$1,940.58
00690021	V01196	FASTENAL INDUSTRIAL CONSTRUCTION SUPPLY	10/04/2023	\$409.36
00690022	V00412	FEDERAL EXPRESS CORP	10/04/2023	\$13.29
00690023	V00276	FG SOLUTIONS, LLC	10/04/2023	\$10,366.71

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register
Check Dates Between Oct 2, 2023 and Oct 4, 2023
Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Nov 10, 2023 9:26:19 AM

Page 3

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00690024	V01379	FIVESTAR RUBBER STAMP ETC, INC	10/04/2023	\$288.42
00690025	V00054	GALLS LLC	10/04/2023	\$3,160.25
00690026	V01318	GEORGE YARDLEY COMPANY	10/04/2023	\$306.45
00690027	V00097	GOLDENWEST LAWNMOWERS & SCOOTERS	10/04/2023	\$1,447.25
00690028	V03291	INNOCORP, LTD.	10/04/2023	\$2,562.20
00690029	V00300	IPROMOTEU	10/04/2023	\$2,300.06
00690030	V00719	JAY'S CATERING	10/04/2023	\$1,317.59
00690031	V00724	KLEINFELDER WEST, INC	10/04/2023	\$893.75
00690032	OTV003048	DUNG LE	10/04/2023	\$1,000.00
00690033	V00731	LIEBERT CASSIDY WHITMORE	10/04/2023	\$7,775.00
00690034	V00319	LIGHTER THAN AIR BALLOONS	10/04/2023	\$570.94
00690035	V00151	MERCY HOUSE LIVING CENTERS	10/04/2023	\$43,860.52
00690036	OTV003050	OMAR MOJICA	10/04/2023	\$1,000.00
00690037	V00365	MOMAR INC	10/04/2023	\$308.78
00690038	V00270	MONTROSE ENVIRONMENTAL SOLUTIONS	10/04/2023	\$10,031.00
00690039	V01218	MSC INDUSTRIAL SUPPLY CO, INC	10/04/2023	\$169.91
00690040	V01604	MULTIRIVER STUDIOS, LLC WESTMINSTER ARTS ACADEMY	10/04/2023	\$1,565.54
00690041	V00557	NATIONAL CONSTRUCTION RENTALS	10/04/2023	\$876.41
00690042	OTV003040	NEFF CONSTRUCTION	10/04/2023	\$736.86
00690043	V00205	NEW IMAGE COMMERCIAL FLOORING	10/04/2023	\$7,099.00
00690044	OTV003043	NGUYEN, LISA	10/04/2023	\$1,000.00
00690045	V00466	NORATEK SOLUTIONS, INC	10/04/2023	\$1,050.00
00690046	V00551	OC HOUSING AUTHORITY	10/04/2023	\$9,225.00
00690048	V00209	WHJ OCN, IND	10/04/2023	\$950.00
00690049	V00595	PACIFIC COAST CABLING, INC	10/04/2023	\$1,360.54
00690050	V00598	PARKWOOD LANDSCAPE MAINTENANCE, INC	10/04/2023	\$15,063.20
00690051	V00761	PETTY CASH - MUN SRVC CTR	10/04/2023	\$546.11
00690052	OTV002839	LINH PHAM	10/04/2023	\$93.00
00690053	V00010	PLUMBERS DEPOT, INC	10/04/2023	\$909.87
00690054	V03133	RICOH USA, INC.	10/04/2023	\$8,174.83
00690055	OTV003041	RONALD AND VIVIAN TRAN	10/04/2023	\$1,000.00
00690056	V00778	ROSEBURROUGH TOOL, INC	10/04/2023	\$818.58
00690057	V00780	SAFETY 1st PEST CONTROL, INC	10/04/2023	\$400.00

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register
Check Dates Between Oct 2, 2023 and Oct 4, 2023
Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Nov 10, 2023 9:26:19 AM

Page 4

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00690058	V02926	SCA OF CA, LLC	10/04/2023	\$127,010.64
00690059	V03313	SCMAF ORANGE COUNTY	10/04/2023	\$1,040.00
00690060	V01438	SEHI COMPUTER PRODUCTS	10/04/2023	\$3,112.43
00690061	V03243	SHERRILL, INC.	10/04/2023	\$1,443.49
00690062	V00784	SHOETERIA	10/04/2023	\$420.17
00690063	V00003	SIGNARAMA	10/04/2023	\$443.00
00690064	V00225	SITEONE LANDSCAPE SUPPLY HLDING	10/04/2023	\$1,847.13
00690065	V00787	SMITH PIPE & SUPPLY COMPANY, INC	10/04/2023	\$236.60
00690066	V00367	SOUTHERN COMPUTER WAREHOUSE	10/04/2023	\$4,134.96
00690067	V00160	SOUTHERN COUNTIES OIL COMPANY	10/04/2023	\$87,346.02
00690068	OTV003047	SPANGLE, ADELE	10/04/2023	\$75.00
00690069	V00656	STATE OF CALIFORNIA DEPT OF INDUSTRIAL RELATIONS	10/04/2023	\$1,350.00
00690070	V00414	SUPPLY SOLUTIONS	10/04/2023	\$635.67
00690071	V03166	THE ENCHANTED ROSE, LLC	10/04/2023	\$636.18
00690072	V01389	THE HOME DEPOT PRO	10/04/2023	\$2,932.90
00690073	V00806	TOXGUARD FLUID TECHNOLOGIES	10/04/2023	\$440.96
00690074	V00424	TYLER TECHNOLOGIES, INC	10/04/2023	\$1,041.86
00690075	OTV003045	UNDERWOOD, NATHAN	10/04/2023	\$1,000.00
00690076	V00812	UNIFIRST CORP	10/04/2023	\$3,078.03
00690077	V00815	UNITED RENTALS NORTHWEST, INC	10/04/2023	\$502.97
00690078	V03255	US BANK NATIONAL ASSOCIATION	10/04/2023	\$37,794.66
00690079	V00501	US BEHAVIORAL HEALTH PLAN, CA	10/04/2023	\$1,487.70
00690080	OTV003051	VALLEY VIEW LANES	10/04/2023	\$1,000.00
00690081	OTV003046	VIETNAM WAR MEMORIAL IN WESTMINSTER INC	10/04/2023	\$250.00
00690082	V00398	VULCAN MATERIALS COMPANY WESTERN DIVISION	10/04/2023	\$28,879.01
00690083	V01634	WATER SOURCE SOLUTIONS, INC	10/04/2023	\$76.11
00690084	V00823	WATERLINE TECHNOLOGIES, INC	10/04/2023	\$7,922.20
00690085	V00824	WAXIE SANITARY SUPPLY	10/04/2023	\$1,624.54
00690086	V01044	WESTERN WATER WORKS	10/04/2023	\$308.85
00690087	V01208	YO-FIRE SUPPLIES	10/04/2023	\$6,014.42
00690088	V02962	YUNEX LLC	10/04/2023	\$7,694.02
			EFT:	32 \$2,306,818.21
			Check:	97 \$767,397.50
			Total:	129 \$3,074,215.71



City of Garden Grove
Certificate of Warrants
Register Dates:
10/11/2023

This is to certify the demands covered EFT numbers 00043063 through 00043107, and check numbers 00690089 through 00690191 inclusive as listed on this register and have been verified by the Finance Division as properly issued and bear all proper signatures.

Note: Check 00690108 was voided.

A handwritten signature in black ink, appearing to read 'Patricia Song', positioned above a horizontal line.

Finance Director
Patricia Song

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register
Check Dates Between Oct 5, 2023 and Oct 11, 2023
Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Nov 9, 2023 4:40:13 PM

Page 1

AP - Checking Account

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00043063	V03147	ABC WINDOW CLEANING, INC	10/11/2023	\$1,752.50
00043064	V03070	AIX CIVIL DESIGN INC.	10/11/2023	\$1,564.00
00043065	V01479	AMAZON WEB SERVICES, INC	10/11/2023	\$4,559.47
00043066	V02328	APPLEONE EMPLOYMENT SERVICES	10/11/2023	\$4,300.97
00043067	V00625	ASSETWORKS, LLC	10/11/2023	\$13,136.12
00043068	V00650	BUREAU VERITAS NORTH AMERICA, INC	10/11/2023	\$464.00
00043069	V00657	CALIF FORENSIC PHLEBOTOMY, INC	10/11/2023	\$3,510.00
00043070	V02708	CHC: CREATING HEALTHIER COMMUNITIES	10/11/2023	\$45.00
00043071	V01036	CITIBANK %CITIGROUP	10/11/2023	\$4,274.16
00043072	V00672	CRON & ASSOCIATES TRANSCRIPTION, INC	10/11/2023	\$406.12
00043073	V02811	DIGITAL MAP PRODUCTS L.P.	10/11/2023	\$1,230.58
00043074	V03181	DLT SOLUTIONS LLC	10/11/2023	\$11,787.60
00043075	V01372	EBIX, INC	10/11/2023	\$1,631.82
00043076	V00679	ENTERPRISE FLEET MGMT, INC	10/11/2023	\$2,569.25
00043077	OTV000879	GARDEN GROVE POLICE ASSOCIATION	10/11/2023	\$17,310.83
00043078	V02707	GARDEN GROVE POLICE ASSOCIATION PAC	10/11/2023	\$3,480.00
00043079	V00218	GRAINGER	10/11/2023	\$4,204.16
00043080	V01386	GREEN HALO SYSTEMS, INC.	10/11/2023	\$273.00
00043081	V02761	HASCO OIL COMPANY	10/11/2023	\$6,892.33
00043082	V00243	INDOFF, INC	10/11/2023	\$7,400.81
00043083	V00531	IRV SEAVER MOTORCYCLES	10/11/2023	\$1,715.10
00043084	V02752	MICHAEL BAKER INTERNATIONAL, INC.	10/11/2023	\$21,840.00
00043085	V03060	INC. NEXGEN DESIGN BUILDERS	10/11/2023	\$27,680.00
00043086	V03215	NINYO & MOORE GEOTECH. & ENVIRONMENTAL CNSLTS	10/11/2023	\$10,459.25
00043087	V03069	NV5, INC	10/11/2023	\$11,595.00
00043088	V02205	OCAPICA	10/11/2023	\$6,587.25
00043089	V00747	OCEAN BLUE ENVIRONMENTAL SERVICES, INC	10/11/2023	\$7,167.50
00043090	V02706	ORANGE COUNTY EMPLOYEES ASSOCIATION	10/11/2023	\$3,289.19
00043091	V03017	PIERCE LAW FIRM APC	10/11/2023	\$84.00
00043092	V03314	PITNEY BOWES INC.	10/11/2023	\$577.66
00043093	V02903	PRESENTATION FOLDER, INC	10/11/2023	\$190.00
00043094	V02904	SCOTT FAZEKAS & ASSOCIATES, INC.	10/11/2023	\$56,729.49

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register
Check Dates Between Oct 5, 2023 and Oct 11, 2023
Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Nov 9, 2023 4:40:13 PM

Page 2

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00043095	V03088	SHARP AUTO BODY & PAINT	10/11/2023	\$1,206.36
00043096	V02930	SHAW HR CONSULTING, INC.	10/11/2023	\$677.50
00043097	V00491	SHIELDS, HARPER & CO.	10/11/2023	\$231.75
00043098	V00250	SIMPSON CHEVROLET OF GG	10/11/2023	\$32.91
00043099	V03179	SOUTHSTAR ENGINEERING & CONSULTING, INC.	10/11/2023	\$15,525.00
00043100	V00261	STRICTLY TECHNOLOGY, LLC	10/11/2023	\$1,994.36
00043101	V03040	TRACY MILLER CONSULTING, INC.	10/11/2023	\$10,000.00
00043102	V03161	USA BLUEBOOK	10/11/2023	\$397.94
00043103	V00104	WALLACE & ASSOCIATES	10/11/2023	\$23,040.00
00043104	V03101	ACCESS TOOLKIT	10/11/2023	\$199.00
00043105	V03009	FAGO, TRAVIS	10/11/2023	\$1,250.00
00043106	V03312	FIESTA FANTASTIC ENTERTAINMENT, LLC	10/11/2023	\$2,000.00
00043107	V02089	SHANNON WAINWRIGHT	10/11/2023	\$553.85
00690089	V01500	ACTION DOOR REPAIR CORP	10/11/2023	\$222.00
00690090	V00514	AMTECH ELEVATOR SERVICES	10/11/2023	\$500.00
00690091	V00647	ANTHONY BIRMINGHAM WINDOW CLEANING	10/11/2023	\$1,690.00
00690092	V03021	ARDURRA GROUP, INC.	10/11/2023	\$16,877.50
00690093	V00033	AT&T CORP	10/11/2023	\$12,907.96
00690094	V00145	AUTONATION FORD TUSTIN	10/11/2023	\$2,019.37
00690095	V00391	AUTOZONE STORES, INC	10/11/2023	\$97.86
00690096	V01188	BANNER BANK	10/11/2023	\$1,194.44
00690097	V00645	BARR AND CLARK, INC	10/11/2023	\$875.00
00690098	V00649	BROWNELLS, INC	10/11/2023	\$676.22
00690099	V00455	CA DEPARTMENT OF TAX AND FEE ADMINISTRATION	10/11/2023	\$1,310.00
00690100	V00660	CAMERON WELDING SUPPLY	10/11/2023	\$233.50
00690101	V00554	CARL WARREN & CO	10/11/2023	\$4,830.00
00690102	V00352	ARMANDO CARRERA	10/11/2023	\$125.00
00690103	V02604	CARRIER CORPORATION	10/11/2023	\$30,567.61
00690104	V00637	CITY OF ANAHEIM	10/11/2023	\$156,392.53
00690105	V00749	CITY OF ORANGE	10/11/2023	\$409.02
00690106	V00579	COASTLINE EQUIPMENT	10/11/2023	\$1,642.66
00690107	V00666	COMMUNITY VETERINARY HOSPITAL INC	10/11/2023	\$10,064.75
00690109	V00667	CONTINENTAL CONCRETE CUTTING, INC.	10/11/2023	\$19,796.00
00690110	V01134	COUNTY OF ORANGE TREAS REV RECOVERY-A/R UNIT	10/11/2023	\$2,619.55

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register
Check Dates Between Oct 5, 2023 and Oct 11, 2023
Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Nov 9, 2023 4:40:13 PM

Page 3

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00690111	V01134	COUNTY OF ORANGE TREAS REV RECOVERY-A/R UNIT	10/11/2023	\$27,013.00
00690112	V02819	D.S. CUSTOM LINENS, INC.	10/11/2023	\$179.04
00690113	V02871	DBS ADMINISTRATORS, INC.	10/11/2023	\$6,688.54
00690114	V02225	DOANE AND HARTWIG WATER SYSTEMS, INC	10/11/2023	\$581.81
00690115	V00229	FIS ACCOUNTING DEPT	10/11/2023	\$36,556.80
00690116	V00009	FORENSIC NURSE SPECIALISTS, INC	10/11/2023	\$5,400.00
00690117	V02257	FRANCHISE TAX BOARD	10/11/2023	\$1,913.65
00690118	V00054	GALLS LLC	10/11/2023	\$853.96
00690119	V01318	GEORGE YARDLEY COMPANY	10/11/2023	\$153.22
00690120	V01386	GREEN HALO SYSTEMS, INC.	10/11/2023	\$273.00
00690121	V02116	HABITAT FOR HUMANITY OF ORANGE COUNTY, INC.	10/11/2023	\$6,000.00
00690122	V00707	HACH COMPANY, INC	10/11/2023	\$86.52
00690123	V02182	HARMONY LAB & SAFETY SUPPLIES	10/11/2023	\$120.71
00690124	V02732	HAS INC.	10/11/2023	\$395.00
00690125	V00503	HF&H CONSULTANTS, LLC	10/11/2023	\$12,157.50
00690126	V02308	HIRSCH PIPE & SUPPLY CO. INC	10/11/2023	\$112.79
00690127	H00502	HOUSING AUTHORITY COUNTY OF RIVERSIDE	10/11/2023	\$1,845.66
00690128	V03318	JURASSIC PARTIES	10/11/2023	\$725.00
00690129	V02309	KATO LANDSCAPE INC	10/11/2023	\$4,166.65
00690130	V01592	KELLY SPICERS INC.	10/11/2023	\$5,886.64
00690131	V00220	LABSOURCE, INC	10/11/2023	\$543.76
00690132	V00435	LANGUAGE LINE SERVICES	10/11/2023	\$56.40
00690133	V00730	LEON'S TRANSMISSION SERVICES, INC	10/11/2023	\$5,427.50
00690134	V00555	LIFECOM, INC	10/11/2023	\$65.00
00690135	V02860	LONG BEACH IRON WORKS	10/11/2023	\$24,392.63
00690136	V00469	MAGIC JUMP RENTALS OC, LLC	10/11/2023	\$734.20
00690137	V01411	MAGNUM OIL SPREADING, INC	10/11/2023	\$2,041.68
00690138	V00020	MCFADDEN DALE INDUSTRIAL HARDWARE	10/11/2023	\$413.54
00690139	V00737	MERCHANTS BLDG MAINT, LLC	10/11/2023	\$1,677.42
00690140	V00270	MONTROSE ENVIRONMENTAL SOLUTIONS	10/11/2023	\$12,249.65
00690141	V00190	MR D'S AUTOMOTIVE	10/11/2023	\$285.00
00690142	V01253	NATEC INTERNATIONAL, INC	10/11/2023	\$1,725.00
00690143	V00557	NATIONAL CONSTRUCTION RENTALS	10/11/2023	\$297.80
00690144	V01280	NATIONAL CREDIT REPORTING	10/11/2023	\$30.90

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register
Check Dates Between Oct 5, 2023 and Oct 11, 2023
Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Nov 9, 2023 4:40:13 PM

Page 4

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00690145	V00209	WHJ OCN,IND	10/11/2023	\$230.00
00690146	V00371	OFFICE DEPOT, INC	10/11/2023	\$3,510.67
00690147	V01422	ORANGE COUNTY CLERK-RECORDER'S OFFICE	10/11/2023	\$100.00
00690148	V00559	ORANGE COUNTY EMERGENCY PET CLINIC	10/11/2023	\$975.00
00690149	V00560	ORANGE COUNTY FIRE PROTECTION	10/11/2023	\$613.06
00690150	V00775	ORANGE COUNTY REGISTER	10/11/2023	\$710.41
00690151	V01649	ORANGE COUNTY TRANSIT AUTHORITY	10/11/2023	\$419,724.11
00690152	V01583	ORANGE COUNTY WINWATER WORKS, INC	10/11/2023	\$975.16
00690153	V00595	PACIFIC COAST CABLING, INC	10/11/2023	\$6,940.09
00690154	V00164	PACIFIC MEDICAL CLINIC	10/11/2023	\$110.00
00690155	V00553	PAVEMENT COATINGS CO	10/11/2023	\$1,510,125.01
00690156	V00764	PETTY CASH - HUMAN RESOURCES	10/11/2023	\$110.56
00690157	V01804	PRO FURNITURE INSTALLS	10/11/2023	\$1,096.20
00690158	V00744	R J NOBLE COMPANY	10/11/2023	\$27,044.27
00690159	V00693	REPUBLIC SERVICES 676	10/11/2023	\$82.91
00690160	V01121	RIO HONDO COLLEGE	10/11/2023	\$456.00
00690161	V01605	RMA INTERNATIONAL LANDSCAPE ARCHITECTURE & PLANNING	10/11/2023	\$2,080.00
00690162	V00199	ROSS CREATIONS DJ	10/11/2023	\$7,485.00
00690163	V00779	S C YAMAMOTO, INC	10/11/2023	\$77.00
00690164	V02896	SANTA ANA BLUE PRINT/SABP	10/11/2023	\$585.94
00690165	V00592	SAXE-CLIFFORD, PH D, SUSAN	10/11/2023	\$900.00
00690166	V01497	SC SIGNS & SUPPLIES LLC	10/11/2023	\$1,109.25
00690167	V00542	SCHORR METALS, INC	10/11/2023	\$94.07
00690168	V00784	SHOETERIA	10/11/2023	\$1,320.25
00690169	V00785	SHRED CONFIDENTIAL, INC	10/11/2023	\$231.00
00690170	V02717	SIG SAUER, INC.	10/11/2023	\$550.00
00690171	V01415	SOCAL AUTO & TRUCK PARTS INC	10/11/2023	\$175.65
00690172	V00474	SOUTHERN COUNTIES LUBRICANTS, LLC	10/11/2023	\$981.78
00690173	V00795	SPARKLETTES	10/11/2023	\$311.12
00690174	V00569	SUNNY SLOPE TREE FARM, INC	10/11/2023	\$980.53
00690175	V00244	SWANK MOTION PICTURES, INC	10/11/2023	\$480.00
00690176	V00475	T-MOBILE USA, INC	10/11/2023	\$100.00
00690177	V01771	TANAKA FARMS	10/11/2023	\$1,296.00

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register
Check Dates Between Oct 5, 2023 and Oct 11, 2023
Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Nov 9, 2023 4:40:13 PM

Page 5

Check	Vendor #	Vendor Name	Issue Date	Check Amount	
00690178	V01389	THE HOME DEPOT PRO	10/11/2023	\$1,090.44	
00690179	V01206	TOPAZ ALARM CORP	10/11/2023	\$75.00	
00690180	V01623	TRAFFIC MANAGEMENT, INC	10/11/2023	\$44.00	
00690181	V00809	TURBO DATA SYSTEMS, INC	10/11/2023	\$8,127.34	
00690182	V00812	UNIFIRST CORP	10/11/2023	\$1,336.15	
00690183	V00152	UNITED WATER WORKS, INC	10/11/2023	\$1,992.57	
00690184	V00398	VULCAN MATERIALS COMPANY WESTERN DIVISION	10/11/2023	\$2,733.14	
00690185	V00527	WALTERS WHOLESALE ELECTRIC	10/11/2023	\$34.63	
00690186	V00823	WATERLINE TECHNOLOGIES, INC	10/11/2023	\$7,404.54	
00690187	V00824	WAXIE SANITARY SUPPLY	10/11/2023	\$1,516.56	
00690188	V01044	WESTERN WATER WORKS	10/11/2023	\$6,290.10	
00690189	V00134	WILLIAMS & MAHER, INC	10/11/2023	\$10,180.66	
00690190	V00582	WOODRUFF & SMART, A PROFESSIONAL CORP	10/11/2023	\$13,765.22	
00690191	V00836	ZEP SALES & SERVICE	10/11/2023	\$457.71	
			EFT:	45	\$295,815.83
			Check:	102	\$2,472,710.04
			Total:	147	\$2,768,525.87



City of Garden Grove
Certificate of Warrants
Register Dates:
10/18/2023

This is to certify the demands covered by EFT numbers 00043108 through 00043168 and check numbers 00690192 through 00690344 inclusive as listed on this register and have been verified by the Finance Division as properly issued and bear all proper signatures.

Note: Warrants 00690261 and 690328 have been voided

A handwritten signature in black ink, which appears to read 'Patricia Song'. The signature is fluid and cursive, written over a horizontal line.

Finance Director
Patricia Song

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register
Check Dates Between Oct 12, 2023 and Oct 18, 2023
Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Nov 10, 2023 9:45:21 AM

Page 1

AP - Checking Account

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00043108	V03147	ABC WINDOW CLEANING, INC	10/18/2023	\$2,200.00
00043109	V00093	ABSOLUTE INTERNATIONAL SECURITY	10/18/2023	\$2,860.21
00043110	V00585	ADMINSURE	10/18/2023	\$16,939.00
00043111	V02878	ADMIRAL PEST CONTROL, INC.	10/18/2023	\$89.00
00043112	V02886	AMERICAN TRUCK & TOOL RENTALS, INC	10/18/2023	\$2,764.15
00043113	V02328	APPLEONE EMPLOYMENT SERVICES	10/18/2023	\$10,525.55
00043114	V03254	AUTODESK, INC	10/18/2023	\$13,339.00
00043115	V00489	BAY ALARM COMPANY	10/18/2023	\$819.99
00043116	V01683	BLX GROUP, LLC	10/18/2023	\$2,000.00
00043117	V00650	BUREAU VERITAS NORTH AMERICA, INC	10/18/2023	\$38,760.00
00043118	V00224	CDW-GOVERNMENT, INC	10/18/2023	\$3,140.69
00043119	V03308	CHEMTEK, INC	10/18/2023	\$9,254.62
00043120	V03113	COLLICUTT ENERGY SERVICES, INC.	10/18/2023	\$106.06
00043121	V00476	CSG CONSULTANTS, INC	10/18/2023	\$22,500.00
00043122	V00718	DANGELO CO (JWD ANGELO CO INC)	10/18/2023	\$14,405.25
00043123	V00078	DE NORA HOLDINGS US INC	10/18/2023	\$4,594.89
00043124	V00674	DEKRA-LITE INDUSTRIES, INC	10/18/2023	\$1,328.40
00043125	V00259	DTNTECH MARKETING	10/18/2023	\$171.28
00043126	V01372	EBIX, INC	10/18/2023	\$186.49
00043127	V00305	EVIDENT CRIME SCENE PRODUCTS	10/18/2023	\$115.00
00043128	V01305	FLEMING ENVIRONMENTAL, INC	10/18/2023	\$450.00
00043129	V00218	GRAINGER	10/18/2023	\$773.05
00043130	V01386	GREEN HALO SYSTEMS, INC.	10/18/2023	\$273.00
00043131	V00713	HOTSY OF SOUTHERN CALIFORNIA	10/18/2023	\$447.57
00043132	V00223	ICC INTERNATIONAL CODE COUNCIL	10/18/2023	\$446.00
00043133	V00243	INDOFF, INC	10/18/2023	\$2,767.56
00043134	V01391	INTELEPEER CLOUD COMMUNICATIONS, LLC	10/18/2023	\$2,245.54
00043135	V00716	INTERVAL HOUSE	10/18/2023	\$1,620.00
00043136	V00531	IRV SEAVER MOTORCYCLES	10/18/2023	\$2,386.24
00043137	V00283	JIG CONSULTANTS	10/18/2023	\$19,173.00
00043138	V02752	MICHAEL BAKER INTERNATIONAL, INC.	10/18/2023	\$46,887.50
00043139	V03227	INC. NIXON-EGLI EQUIPMENT CO. OF SO CA	10/18/2023	\$964.81
00043140	V03089	NOBEL SYSTEMS, INC.	10/18/2023	\$63,000.00

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register
Check Dates Between Oct 12, 2023 and Oct 18, 2023
Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Nov 10, 2023 9:45:21 AM

Page 2

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00043141	V03069	NV5, INC	10/18/2023	\$23,089.00
00043142	V00747	OCEAN BLUE ENVIRONMENTAL SERVICES, INC	10/18/2023	\$10,784.97
00043143	V01423	PACIFIC HYDROTECH CORPORATION	10/18/2023	\$29,415.36
00043144	V02870	PLACEWORKS, INC.	10/18/2023	\$2,597.50
00043145	V03020	PROJECT FINANCE ADVISORY LIMITED	10/18/2023	\$70,637.00
00043146	V00771	PYRO-COMM SYSTEMS, INC	10/18/2023	\$135.00
00043147	V03219	QUALITY CODE PUBLISHING	10/18/2023	\$390.00
00043148	V03204	RG GENERAL ENGINEERING, INC.	10/18/2023	\$87,882.64
00043149	V00255	STATEWIDE SAFETY SYSTEMS	10/18/2023	\$195.42
00043150	V00384	STOMMEL, INC	10/18/2023	\$105.00
00043151	V00261	STRICTLY TECHNOLOGY, LLC	10/18/2023	\$7,089.53
00043152	V03173	SULLY-MILLER CONTRACTING COMPANY	10/18/2023	\$931,743.37
00043153	V03136	SUNRISE MULTISPECIALIST MEDICAL CENTER	10/18/2023	\$366.00
00043154	V00228	SUPERION, LLC	10/18/2023	\$3,552.73
00043155	V03161	USA BLUEBOOK	10/18/2023	\$4,005.79
00043156	V00035	VERITIV OPERATING COMPANY	10/18/2023	\$8.16
00043157	V00826	WEST COAST ARBORISTS, INC	10/18/2023	\$17,756.80
00043158	V01469	WEST YOST ASSOCIATES, INC.	10/18/2023	\$39,082.34
00043159	V01731	WILLDAN ENGINEERING	10/18/2023	\$5,106.00
00043160	V03066	WRENCH REBEL COLLISION, LLC	10/18/2023	\$4,362.15
00043161	V01736	PATRICIA L CAHILL	10/18/2023	\$69.30
00043162	V03185	VU TUAN CAI	10/18/2023	\$50.40
00043163	V03106	CLOUD ANIMATIONS	10/18/2023	\$2,000.00
00043164	V03009	FAGO, TRAVIS	10/18/2023	\$600.00
00043165	V03311	JOSH LINDSAY BUILDERS	10/18/2023	\$600.00
00043166	V01307	MORSCO SUPPLY LLC	10/18/2023	\$864.96
00043167	V03321	YENITZA MUNOZ	10/18/2023	\$350.00
00043168	V00315	LEW STOWERS	10/18/2023	\$250.00
00690192	OTV001424	4 ZONE 180 LLC	10/18/2023	\$1,112.42
00690193	V00532	A&A WIPING CLOTH, INC	10/18/2023	\$1,196.25
00690194	V00280	ACA COMPLIANCE SERVICES, INC	10/18/2023	\$1,242.58
00690195	V01122	ADVANCED CAR CARE, INC	10/18/2023	\$512.44
00690196	V00573	ALAN'S LAWN AND GARDEN CENTER, INC	10/18/2023	\$1,292.08
00690197	OTV003075	ALBA Y FIERRO	10/18/2023	\$267.00

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register
Check Dates Between Oct 12, 2023 and Oct 18, 2023
Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Nov 10, 2023 9:45:21 AM

Page 3

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00690198	OTV003058	IAN JAMES ALBRIGHT	10/18/2023	\$43.82
00690199	OTV003042	DAVID ALFARO	10/18/2023	\$20.22
00690200	V00635	ALL CITY MANAGEMENT SERVICES, INC	10/18/2023	\$16,637.67
00690201	V01246	ALLDATA	10/18/2023	\$1,500.00
00690202	OTV003055	JESUS ARMANDO ALVAREZ NUNEZ	10/18/2023	\$33.22
00690203	V00514	AMTECH ELEVATOR SERVICES	10/18/2023	\$1,153.42
00690204	V00479	ANDRES MEDINA MOBILE WASH	10/18/2023	\$3,200.00
00690205	V00641	AQUA-METRIC SALES CO	10/18/2023	\$32,569.12
00690206	V00599	ARROW TOOLS FASTENERS & SAW, INC	10/18/2023	\$255.85
00690207	V02454	ARTS ORANGE COUNTY	10/18/2023	\$300.00
00690208	V00864	ASSOCIATED SOILS ENGINEERING, INC	10/18/2023	\$8,510.00
00690209	V01505	AUTOMATED POWER, INC	10/18/2023	\$4,497.00
00690210	V00145	AUTONATION FORD TUSTIN	10/18/2023	\$752.10
00690211	V00179	BC TRAFFIC SPECIALIST	10/18/2023	\$4,933.99
00690212	OTV003068	BEP VIET	10/18/2023	\$47.76
00690213	V00150	BILL'S SOUND & SECURITY	10/18/2023	\$960.00
00690214	V00329	BRIAN KEITH BISHOP	10/18/2023	\$100.00
00690215	V01518	CALIFORNIA DEPARTMENT OF PUBLIC HEALTH	10/18/2023	\$619.00
00690216	V00660	CAMERON WELDING SUPPLY	10/18/2023	\$407.16
00690217	OTV003082	CAO, TRUC	10/18/2023	\$1,000.00
00690218	OTV003081	CAO, TU	10/18/2023	\$4,439.50
00690219	OTV001543	GLENN VAN CAPELLE	10/18/2023	\$1,000.00
00690220	OTV003072	CAPPS, REBECCA LYNN	10/18/2023	\$81.00
00690221	V00554	CARL WARREN & CO	10/18/2023	\$5,670.00
00690222	V00534	CHEM PRO LABORATORY, INC	10/18/2023	\$418.00
00690223	V00832	CITY OF WESTMINSTER	10/18/2023	\$600.00
00690224	V00497	CORDOVA & SON, INC	10/18/2023	\$1,945.16
00690225	V01134	COUNTY OF ORANGE TREAS REV RECOVERY-A/R UNIT	10/18/2023	\$65,124.09
00690226	V00460	CRAFCO, INC	10/18/2023	\$9,455.07
00690227	V02819	D.S. CUSTOM LINENS, INC.	10/18/2023	\$401.84
00690228	V00481	DATA TICKET, INC	10/18/2023	\$390.76
00690229	V01183	DEPARTMENT OF JUSTICE	10/18/2023	\$81.00
00690230	OTV003084	DO, KELSIE	10/18/2023	\$1,000.00
00690231	V03102	KEVIN DOLAN	10/18/2023	\$400.00

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register
Check Dates Between Oct 12, 2023 and Oct 18, 2023
Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Nov 10, 2023 9:45:21 AM

Page 4

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00690232	OTV003061	MICHAEL DUONG	10/18/2023	\$47.04
00690233	OTV003083	ECCLES, JUSTIN	10/18/2023	\$1,000.00
00690234	V00684	EXPERIAN INFO SOLUTIONS, INC	10/18/2023	\$77.00
00690235	V00233	FACTORY MOTOR PARTS CO BIN 139107	10/18/2023	\$5,580.95
00690236	V01196	FASTENAL INDUSTRIAL CONSTRUCTION SUPPLY	10/18/2023	\$74.92
00690237	V00412	FEDERAL EXPRESS CORP	10/18/2023	\$17.10
00690238	V00829	FERGUSON ENTERPRISES, INC 1350	10/18/2023	\$13,887.14
00690239	V00392	FIVE STAR TAEKWONDO	10/18/2023	\$158.90
00690240	V00143	FRYE SIGN CO	10/18/2023	\$734.00
00690241	V02936	FUSION SIGN AND DESIGN, INC.	10/18/2023	\$2,185.68
00690242	V00054	GALLS LLC	10/18/2023	\$5,474.26
00690243	V00526	GANAHL LUMBER COMPANY	10/18/2023	\$228.46
00690244	V00696	GARDEN GROVE UNIFIED SCHOOL DIST	10/18/2023	\$596.15
00690245	V00700	GOLDEN BELL PRODUCTS, INC	10/18/2023	\$24,984.00
00690246	V00702	GRAFFITI PROTECTIVE COATINGS, INC	10/18/2023	\$29,952.00
00690247	V00346	CINDY GRISWOLD	10/18/2023	\$69.30
00690248	V02623	HAMILTON DO	10/18/2023	\$1,000.00
00690249	V00711	HILL'S BROS LOCK & SAFE, INC	10/18/2023	\$3,868.62
00690250	V00710	HILLCO FASTENER WAREHOUSE	10/18/2023	\$20.25
00690251	V02308	HIRSCH PIPE & SUPPLY CO. INC	10/18/2023	\$29.07
00690252	OTV003062	JOHN HO	10/18/2023	\$18.69
00690253	V02447	HUMAN OPTIONS	10/18/2023	\$11,566.69
00690254	V03208	IMPERIAL SPRINKLER SUPPLY	10/18/2023	\$6,803.04
00690255	V00182	INFOSEND, INC	10/18/2023	\$2,383.45
00690256	V00860	INTERNATIONAL E-Z UP, INC	10/18/2023	\$850.83
00690257	V00318	JENKINS, JEFFREY DALE	10/18/2023	\$905.00
00690258	V00683	JOHN B EWLES, INC	10/18/2023	\$11,100.00
00690259	V00116	JOHNNY ALLEN TENNIS ACADEMY	10/18/2023	\$348.39
00690260	V01592	KELLY SPICERS INC.	10/18/2023	\$465.34
00690262	OTV003078	KERRY REID WIGGINS	10/18/2023	\$1,000.00
00690263	V00725	KNORR SYSTEMS, INC	10/18/2023	\$1,681.16
00690264	V00220	LABSOURCE, INC	10/18/2023	\$5,840.21
00690265	OTV003067	DANIELLE LAFLAMME	10/18/2023	\$256.67
00690266	OTV003065	LAMPSON HNTN CORP LLC	10/18/2023	\$164.28

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register
Check Dates Between Oct 12, 2023 and Oct 18, 2023
Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Nov 10, 2023 9:45:21 AM

Page 5

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00690267	V00769	LEGAL SHIELD	10/18/2023	\$598.95
00690268	V01563	LIFE-ASSIST, INC	10/18/2023	\$2,033.98
00690269	V00555	LIFECOM, INC	10/18/2023	\$451.63
00690270	OTV003073	LOS ALAMITOS UNIFIED SCHOOL DISTRICT	10/18/2023	\$62.00
00690271	V01570	MEEDER PUBLIC FUNDS, INC	10/18/2023	\$6,250.00
00690272	V00420	MIKE RAAHAUGES SHOOTING ENTERPRISES	10/18/2023	\$150.00
00690273	V00190	MR D'S AUTOMOTIVE	10/18/2023	\$55.00
00690274	V01253	NATEC INTERNATIONAL, INC	10/18/2023	\$1,320.00
00690275	V00557	NATIONAL CONSTRUCTION RENTALS	10/18/2023	\$20.80
00690276	V01280	NATIONAL CREDIT REPORTING	10/18/2023	\$27.90
00690277	OTV003053	ARIAN NGUYEN	10/18/2023	\$9.37
00690278	OTV003060	KATIE NGUYEN	10/18/2023	\$11.57
00690279	OTV003034	QUY NGUYEN	10/18/2023	\$29.00
00690280	OTV003079	NGUYEN, TRANG	10/18/2023	\$1,404.96
00690281	OTV003056	TUAN NGUYEN	10/18/2023	\$79.05
00690282	V00209	WHJ OCN,IND	10/18/2023	\$360.00
00690283	V00371	OFFICE DEPOT, INC	10/18/2023	\$7,783.95
00690284	V03320	OLD PUMPERNICKEL DELI, INC	10/18/2023	\$2,827.50
00690285	OTV003080	OLIVIRA, RICHARD	10/18/2023	\$1,291.62
00690286	V01422	ORANGE COUNTY CLERK-RECORDER'S OFFICE	10/18/2023	\$50.00
00690287	V00443	ORANGE COUNTY RANGE STORE, LLC	10/18/2023	\$1,301.26
00690288	V01583	ORANGE COUNTY WINWATER WORKS, INC	10/18/2023	\$6,132.63
00690289	V00164	PACIFIC MEDICAL CLINIC	10/18/2023	\$320.00
00690290	V00598	PARKWOOD LANDSCAPE MAINTENANCE, INC	10/18/2023	\$15,063.20
00690291	OTV003059	PEARL GARDEN LLC	10/18/2023	\$21.40
00690292	OTV003074	PHAN, DIANE	10/18/2023	\$1,182.00
00690293	V03287	PLAYMAX SURFACING, INC.	10/18/2023	\$504.25
00690294	V01316	QUINN COMPANY	10/18/2023	\$2,990.73
00690295	V00744	R J NOBLE COMPANY	10/18/2023	\$1,200.00
00690296	V02613	R.S. HUGHES COMPANY INC	10/18/2023	\$195.64
00690297	V02618	R3 CONSULTING GROUP	10/18/2023	\$2,612.50
00690298	V00396	RADI'S CUSTOM UPHOLSTER	10/18/2023	\$950.00
00690299	V00774	REFRIGERATION SUPPLIES DISTRIBUTOR	10/18/2023	\$943.28

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register
Check Dates Between Oct 12, 2023 and Oct 18, 2023
Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Nov 10, 2023 9:45:21 AM

Page 6

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00690300	V01605	RMA INTERNATIONAL LANDSCAPE ARCHITECTURE & PLANNING	10/18/2023	\$1,950.00
00690301	OTV003064	DONALD ROBINSON	10/18/2023	\$70.00
00690302	V00778	ROSEBURROUGH TOOL, INC	10/18/2023	\$1,492.79
00690303	V00155	RPW SERVICES, INC	10/18/2023	\$3,960.00
00690304	V00779	S C YAMAMOTO, INC	10/18/2023	\$1,727.00
00690305	OTV003054	KATHERINE SARENAS	10/18/2023	\$71.99
00690306	V00542	SCHORR METALS, INC	10/18/2023	\$142.86
00690307	V00785	SHRED CONFIDENTIAL, INC	10/18/2023	\$52.50
00690308	V00354	SIMPLE SOLUTIONS	10/18/2023	\$500.00
00690309	V00791	SO CALIF MUN ATHLETIC FEDERATION	10/18/2023	\$865.60
00690310	V01692	SOUTHERN CALIFORNIA NEWS GROUP	10/18/2023	\$2,050.54
00690311	V00795	SPARKLETTS	10/18/2023	\$98.42
00690312	V00213	STATE INDUSTRIAL PRODUCTS	10/18/2023	\$8,112.38
00690313	V01616	STERICYCLE, INC	10/18/2023	\$487.08
00690314	OTV003057	HENRY STRZEBALA	10/18/2023	\$196.74
00690315	V00475	T-MOBILE USA, INC	10/18/2023	\$125.00
00690316	V01451	TACOS EL BANDIDO	10/18/2023	\$1,033.12
00690317	OTV003063	CLAUDIA TAPIA	10/18/2023	\$14.71
00690318	OTV003052	TAYLOR, ROBERT	10/18/2023	\$62.00
00690319	V00195	THE COUNSELING TEAM INTL NANCY K BOHL, INC	10/18/2023	\$1,500.00
00690320	V00344	TIM HOGAN GRAPHICS	10/18/2023	\$391.50
00690321	OTV001855	DE TON	10/18/2023	\$1,000.00
00690322	V03180	TORO TRANSPORTS INC	10/18/2023	\$1,695.00
00690323	OTV002908	HUY TRAN	10/18/2023	\$1,000.00
00690324	OTV003077	TRAN, KHAI	10/18/2023	\$1,000.00
00690325	OTV003066	THANH TRAN	10/18/2023	\$132.68
00690326	OTV003070	TRAN, TUAN NGOC	10/18/2023	\$1,000.00
00690327	V00185	TRANSPORTATION STUDIES, INC	10/18/2023	\$320.00
00690329	V00809	TURBO DATA SYSTEMS, INC	10/18/2023	\$829.38
00690330	V01094	ULINE, INC	10/18/2023	\$935.61
00690331	V00811	UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA	10/18/2023	\$748.10
00690332	V00814	UNITED PARCEL SERVICE	10/18/2023	\$192.79
00690333	V01201	US BANK	10/18/2023	\$284.79

CITY OF GARDEN GROVE
GGFEFM001 Warrant Register
Check Dates Between Oct 12, 2023 and Oct 18, 2023
Bank(s): AP - Checking Account, WT - Checking Account

Report Generated on Nov 10, 2023 9:45:21 AM

Page 7

Check	Vendor #	Vendor Name	Issue Date	Check Amount	
00690334	V03255	US BANK NATIONAL ASSOCIATION	10/18/2023	\$49,039.13	
00690335	V00501	US BEHAVIORAL HEALTH PLAN, CA	10/18/2023	\$1,473.45	
00690336	OTV003069	VANGUARD CONSTRUCTION	10/18/2023	\$1,548.34	
00690337	V01075	VIET BAO DAILY, INC	10/18/2023	\$350.00	
00690338	OTV001847	GIANG S. VO	10/18/2023	\$1,000.00	
00690339	OTV003076	VO, QUAN HONG	10/18/2023	\$4,183.00	
00690340	V00527	WALTERS WHOLESALE ELECTRIC	10/18/2023	\$74.06	
00690341	V00823	WATERLINE TECHNOLOGIES, INC	10/18/2023	\$2,302.30	
00690342	V00824	WAXIE SANITARY SUPPLY	10/18/2023	\$1,690.23	
00690343	V01044	WESTERN WATER WORKS	10/18/2023	\$14,017.22	
00690344	V00582	WOODRUFF & SMART, A PROFESSIONAL CORP	10/18/2023	\$94,668.18	
			EFT:	61	\$1,530,623.27
			Check:	151	\$570,160.77
			Total:	212	\$2,100,784.04

City of Garden Grove
Certificate of Warrants
Register Date:
Nov 16, 2023

This is to certify the demands covered by EFT numbers 00031086 through 00031726 and check numbers 00185605 through 00185614 inclusive as listed on this register and have been verified by the Finance Division as properly issued and bear all proper signatures.

Note:



Finance Director
Patricia Song

CITY OF GARDEN GROVE
GGFEFM002 Warrant Register Payroll
Check Dates Nov 16, 2023

Report Generated on Nov 15, 2023 4:02:22 PM

Page 2

PY - Payroll

Check Type: CHK

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00185605	E00977	BELAIR, DIANE	11/16/2023	\$2,543.60
00185606	E05127	FLORES, ERIKA	11/16/2023	\$131.11
00185607	E05185	GARCIA, KATY	11/16/2023	\$597.19
00185608	E05144	NGUYEN, VALARIE K	11/16/2023	\$131.11
00185609	E05120	NGUYEN, VICKY	11/16/2023	\$111.53
00185610	E05105	RODRIGUEZ, ROGER	11/16/2023	\$497.93
00185611	E05149	VAZQUEZ, ELOISA E	11/16/2023	\$211.24
00185612	E05163	VO, EDWIN N	11/16/2023	\$298.64
00185613	E03529	ROCHA, MICHAEL F	11/16/2023	\$2,227.80
00185614	E05168	MACIAS, DANIEL	11/16/2023	\$1,551.34
			CHK - Total	\$8,301.49

Check Type: EFT

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00031086	E03973	AVILA, VERONICA	11/16/2023	\$2,813.33
00031087	E04755	BRIETIGAM III, GEORGE S	11/16/2023	\$632.18
00031088	E02788	DAVIS, JEFFREY P	11/16/2023	\$3,107.69
00031089	E05080	DOVINH, JOSEPH T	11/16/2023	\$599.99
00031090	E04994	GREENUP, BREANNA C	11/16/2023	\$1,004.33
00031091	E00803	HADDAD, PAMELA M	11/16/2023	\$2,177.09
00031092	E04131	HERREN, NOELLE N	11/16/2023	\$3,265.64
00031093	E03612	JONES, STEVEN R	11/16/2023	\$306.22
00031094	E04442	KIM, LISA L	11/16/2023	\$5,567.12
00031095	E04536	KLOPFENSTEIN, STEPHANIE L	11/16/2023	\$468.27
00031096	E05072	LOPEZ, CARLOS	11/16/2023	\$1,853.97
00031097	E02787	MORAN, MARIE L	11/16/2023	\$3,065.41
00031098	E04537	NGUYEN, KIM B	11/16/2023	\$596.79
00031099	E04534	ONEILL, JOHN R	11/16/2023	\$639.45
00031100	E04528	PARK, SHAWN S	11/16/2023	\$2,686.64
00031101	E04443	POLLOCK, AMANDA M	11/16/2023	\$2,152.87
00031102	E06945	POMEROY, TERESA L	11/16/2023	\$4,026.64
00031103	E01964	PULIDO, ANA E	11/16/2023	\$4,693.03
00031104	E05057	SATO, MICH L	11/16/2023	\$2,753.60

CITY OF GARDEN GROVE
GGFEFM002 Warrant Register Payroll
Check Dates Nov 16, 2023

Report Generated on Nov 15, 2023 4:02:22 PM

Page 3

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00031105	E03715	THAI, KRISTY H	11/16/2023	\$2,585.85
00031106	E05079	TRAN, CINDY NGOC	11/16/2023	\$639.67
00031107	E03983	VASQUEZ, LIZABETH C	11/16/2023	\$2,667.59
00031108	E04971	VITAL, ANDREA	11/16/2023	\$1,899.19
00031109	E04230	WIMMER, MISSY M	11/16/2023	\$2,081.61
00031110	E04944	ANDERSON CAMBA, ASHLEIGH R	11/16/2023	\$2,469.09
00031111	E04764	BRADLEY, JANNA K	11/16/2023	\$2,890.36
00031112	E03766	CERDA, MARY C	11/16/2023	\$2,261.52
00031113	E04673	HART, BRANDI M	11/16/2023	\$1,065.04
00031114	E04363	KWAN, LIANE Y	11/16/2023	\$3,911.45
00031115	E01985	LEE, JANY H	11/16/2023	\$4,886.85
00031116	E03420	PROCTOR, SHERRILL A	11/16/2023	\$2,560.59
00031117	E05078	SANCHEZ, GIOVANNI P	11/16/2023	\$2,253.50
00031118	E04417	STEPHENSON, CAITLYN M	11/16/2023	\$2,462.44
00031119	E02115	STOVER, LAURA J	11/16/2023	\$5,468.21
00031120	E05082	YIN, ARTHUR	11/16/2023	\$2,258.34
00031121	E04390	AMBRIZ, STEPHANIE	11/16/2023	\$1,446.07
00031122	E04445	BROWN, KAREN J	11/16/2023	\$739.00
00031123	E03313	BUI, AI N	11/16/2023	\$1,512.79
00031124	E05183	CANTU, JANICE	11/16/2023	\$1,877.55
00031125	E05068	CASTELLON, ALVARO A	11/16/2023	\$4,495.29
00031126	E04961	CHAO, VICTORIA	11/16/2023	\$1,699.58
00031127	E03686	CHAVEZ, JAIME F	11/16/2023	\$1,728.67
00031128	E03760	CHUNG, JANET J	11/16/2023	\$2,725.29
00031129	E05094	CORTEZ, ELIZABETH M.	11/16/2023	\$2,252.15
00031130	E04957	CURTSEIT, MARIA	11/16/2023	\$2,157.48
00031131	E04960	FUKAZAWA, KEISUKE	11/16/2023	\$2,115.58
00031132	E05055	GAMINO, LINDA M	11/16/2023	\$1,435.67
00031133	E03877	GOMEZ, STEVEN E	11/16/2023	\$1,520.13
00031134	E03429	GULLEY, SUSAN J	11/16/2023	\$796.13
00031135	E03016	HERNANDEZ, GARY F	11/16/2023	\$1,822.89
00031136	E04569	HOFFMAN, CORINNE L	11/16/2023	\$2,543.75
00031137	E05167	LOFFLER, SARAH N	11/16/2023	\$1,513.85
00031138	E00057	MANALANSAN, NEAL M	11/16/2023	\$2,256.17
00031139	E01668	MAY, ROBERT W	11/16/2023	\$1,748.38

CITY OF GARDEN GROVE
GGFEFM002 Warrant Register Payroll
Check Dates Nov 16, 2023

Report Generated on Nov 15, 2023 4:02:22 PM

Page 4

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00031140	E01393	MENDEZ, ANGELA M	11/16/2023	\$2,186.58
00031141	E03628	MENDOZA, CHRISTI C	11/16/2023	\$2,121.71
00031142	E04958	NGO, TINA	11/16/2023	\$2,927.56
00031143	E04838	NIGATU, SELAMAWIT	11/16/2023	\$3,134.67
00031144	E02429	PHAM, ANH	11/16/2023	\$1,921.37
00031145	E03610	RAMIREZ, EVA	11/16/2023	\$2,154.86
00031146	E04973	RAMOS, NANCY	11/16/2023	\$3,183.98
00031147	E05097	RODRIGUEZ, SEBASTIAN	11/16/2023	\$2,036.78
00031148	E03539	SEGAWA, SANDRA E	11/16/2023	\$3,928.89
00031149	E04780	SONG, YUAN	11/16/2023	\$5,497.72
00031150	E03085	VICTORIA, PAUL E	11/16/2023	\$1,554.25
00031151	E04859	VO, MY TRA	11/16/2023	\$3,619.51
00031152	E03433	WESTON, RETA J	11/16/2023	\$1,341.33
00031153	E04674	WHITTAKER DEGEN, HELEN E	11/16/2023	\$780.34
00031154	E04527	YOO, MEENA	11/16/2023	\$2,414.66
00031155	E04493	ANDREWS, STEVEN F	11/16/2023	\$2,699.05
00031156	E00845	CHANG, TERENCE S	11/16/2023	\$3,153.79
00031157	E05091	ENCISO, MARIA VERONICA M	11/16/2023	\$2,245.41
00031158	E03498	ESPINOZA, VERNA L	11/16/2023	\$2,467.16
00031159	E04523	GALLO, CESAR	11/16/2023	\$3,422.85
00031160	E04415	GOLD, ANNA L	11/16/2023	\$2,313.01
00031161	E04713	HINGCO, ERNIE E	11/16/2023	\$2,221.46
00031162	E02617	KLOESS, GEOFFREY A	11/16/2023	\$4,654.46
00031163	E03571	MORAGRAAN, RACHOT	11/16/2023	\$4,234.85
00031164	E05071	OCHOA, NICOLAS E	11/16/2023	\$2,515.81
00031165	E01277	PROFFITT, NOEL J	11/16/2023	\$3,784.61
00031166	E01901	RAO, ANAND V	11/16/2023	\$6,003.36
00031167	E05073	SEYMOUR, DAVID M	11/16/2023	\$958.92
00031168	E04395	SWANSON, MATTHEW T	11/16/2023	\$2,053.79
00031169	E01674	VALENZUELA, ANTHONY	11/16/2023	\$1,809.50
00031170	E00809	VICTORIA, ROD T	11/16/2023	\$2,648.58
00031171	E03509	WINSTON, TERREL KEITH	11/16/2023	\$3,429.13
00031172	E03725	ABU HAMDIYYAH, AMEENAH	11/16/2023	\$2,154.45
00031173	E02996	ASHLEIGH, JULIE A	11/16/2023	\$2,305.43
00031174	E03601	CHUNG, CHRISTOPHER	11/16/2023	\$4,588.90

CITY OF GARDEN GROVE
GGFEFM002 Warrant Register Payroll
Check Dates Nov 16, 2023

Report Generated on Nov 15, 2023 4:02:22 PM

Page 5

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00031175	E00128	CRAMER, RITA M	11/16/2023	\$2,589.90
00031176	E04394	DAHLHEIMER, BRYSON T	11/16/2023	\$865.13
00031177	E04879	DAKE, RYAN J	11/16/2023	\$2,459.77
00031178	E04578	DENT, DAVID A	11/16/2023	\$4,897.23
00031179	E03531	HERNANDEZ, RALPH V	11/16/2023	\$2,459.17
00031180	E04855	HERRERA JR, ARMANDO	11/16/2023	\$1,741.62
00031181	E03410	HODSON, AARON J	11/16/2023	\$2,309.24
00031182	E04716	KASKLA, PRIIT J	11/16/2023	\$2,400.38
00031183	E04959	LE, KENNETH H	11/16/2023	\$2,170.73
00031184	E04490	LY, HUONG Q	11/16/2023	\$2,424.34
00031185	E04194	MARTINEZ, MARIA L	11/16/2023	\$3,122.96
00031186	E03044	MOORE, JUDITH A	11/16/2023	\$2,301.27
00031187	E04635	NGUYEN, PHU T	11/16/2023	\$4,065.95
00031188	E02842	PARRA, MARIA C	11/16/2023	\$3,239.29
00031189	E05172	QUENTAL, RYAN	11/16/2023	\$2,189.27
00031190	E04992	ROBLES, ALFONSO	11/16/2023	\$2,622.55
00031191	E04862	TRAN, JAKE P	11/16/2023	\$2,088.75
00031192	E05048	TUONG, NGHIA T	11/16/2023	\$2,304.89
00031193	E05053	VU, VINNY X	11/16/2023	\$1,793.58
00031194	E05150	WETZEL, NIKI	11/16/2023	\$4,697.21
00031195	E03643	ALVARADO, YOLANDA A	11/16/2023	\$1,937.90
00031196	E04771	BAILOR, REBECCA J	11/16/2023	\$277.85
00031197	E04988	BAUTISTA, BRENDA	11/16/2023	\$2,140.46
00031198	E04262	BEARD, ALEX C	11/16/2023	\$23.08
00031199	E05125	BUI, RUBY	11/16/2023	\$29.14
00031200	E02658	CAMARENA, RACHEL M	11/16/2023	\$2,260.37
00031201	E01588	CAMARENA, RENE	11/16/2023	\$2,460.96
00031202	E01902	CASILLAS, VICTORIA M	11/16/2023	\$2,145.07
00031203	E05101	CASTANEDA, LILIANA	11/16/2023	\$415.19
00031204	E05121	CASTRO PEREZ, ANDREA	11/16/2023	\$87.41
00031205	E05058	CATAQUIZ, CHARLIZE N	11/16/2023	\$286.80
00031206	E03304	CHUMACERO, DEANNA M	11/16/2023	\$1,986.78
00031207	E04611	CROSS, AMANDA D	11/16/2023	\$2,056.96
00031208	E04653	DIAZ, GABRIELA	11/16/2023	\$773.02
00031209	E05013	DINH, TIFFANY	11/16/2023	\$143.41

CITY OF GARDEN GROVE
GGFEFM002 Warrant Register Payroll
Check Dates Nov 16, 2023

Report Generated on Nov 15, 2023 4:02:22 PM

Page 6

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00031210	E05090	ESCARENO, MELISSA	11/16/2023	\$335.06
00031211	E05158	FABIAN, SHARON J	11/16/2023	\$386.05
00031212	E05015	FALETOI, TERRY U	11/16/2023	\$520.87
00031213	E02120	FRAUSTO, LUIZ F	11/16/2023	\$534.79
00031214	E04679	FREEMAN, MARK C	11/16/2023	\$4,054.78
00031215	E04481	GARCIA, JARED D	11/16/2023	\$537.17
00031216	E04253	GARCIA, VANESSA L	11/16/2023	\$499.36
00031217	E05069	GARCIA, VERONICA	11/16/2023	\$147.95
00031218	E03337	GODDARD, JENNIFER DANIELLE	11/16/2023	\$2,883.51
00031219	E00940	GRANT, JACOB R	11/16/2023	\$2,172.00
00031220	E04967	HASHEMI, SETAREH	11/16/2023	\$390.23
00031221	E05152	HERNANDEZ, CLARISSA	11/16/2023	\$466.18
00031222	E05147	LE, WILSON D	11/16/2023	\$812.37
00031223	E05032	LEE, JASON J	11/16/2023	\$262.90
00031224	E03603	MA AE, ELAINE M	11/16/2023	\$3,214.37
00031225	E05140	MARTINEZ, ERICK	11/16/2023	\$454.69
00031226	E05148	MAZARIEGOS, ALEXA X	11/16/2023	\$501.92
00031227	E01552	MEDINA, JESUS	11/16/2023	\$1,819.31
00031228	E00455	MEDINA, JUAN	11/16/2023	\$2,479.97
00031229	E05186	MELVIN, ALEXIS	11/16/2023	\$314.46
00031230	E02808	MONTANCHEZ, JOHN A	11/16/2023	\$6,408.55
00031231	E05128	NAEA, IRIANNA M	11/16/2023	\$451.61
00031232	E05126	NGO, Y N	11/16/2023	\$131.11
00031233	E04947	NGUYEN, ALEXANDER H	11/16/2023	\$609.51
00031234	E04391	NICHOLAS, NOEL N	11/16/2023	\$1,518.40
00031235	E04931	NODAL, NATALIE	11/16/2023	\$349.63
00031236	E00785	OCADIZ HERNANDEZ, GABRIELA	11/16/2023	\$5,095.82
00031237	E04965	ORDUNO, SAMANTHA	11/16/2023	\$608.21
00031238	E03881	PANGAN, CHRISTIAN	11/16/2023	\$0.00
00031239	E05164	PARCELL, SAMANTHA M	11/16/2023	\$517.16
00031240	E03361	PELAYO, JANET E	11/16/2023	\$4,261.58
00031241	E05137	PHAN, BRYAN L	11/16/2023	\$480.74
00031242	E04777	PHAN, EDOUARD T	11/16/2023	\$277.85
00031243	E05116	PRADO, ALEXA	11/16/2023	\$326.64
00031244	E02754	REYNOSO, SUGEIRY	11/16/2023	\$2,690.37

CITY OF GARDEN GROVE
GGFEFM002 Warrant Register Payroll
Check Dates Nov 16, 2023

Report Generated on Nov 15, 2023 4:02:22 PM

Page 7

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00031245	E05103	RODRIGUEZ, MATTHEW S	11/16/2023	\$437.04
00031246	E03362	ROMERO, MARINA Y	11/16/2023	\$2,148.99
00031247	E04684	ROSALES, MARIA D	11/16/2023	\$535.53
00031248	E04614	ROSAS, TANYA	11/16/2023	\$210.56
00031249	E01893	SAUCEDO, DANA MARIE	11/16/2023	\$3,067.39
00031250	E00925	SCHLUMPBERGER, EMERON J	11/16/2023	\$1,111.90
00031251	E04926	SERNA, SAMANTHA M	11/16/2023	\$218.52
00031252	E04795	SIEVE, MYCHAELLA J	11/16/2023	\$295.04
00031253	E05151	SORIANO, KIMBERLY A	11/16/2023	\$965.50
00031254	E05030	TRIGGS, MARY SHANNON	11/16/2023	\$416.21
00031255	E04924	TU, KATHY	11/16/2023	\$218.52
00031256	E01396	VALDIVIA, CLAUDIA	11/16/2023	\$3,754.37
00031257	E00015	VAN SICKLE, JEFFREY	11/16/2023	\$2,727.90
00031258	E04687	VARGAS, SAMANTHA B	11/16/2023	\$530.62
00031259	E05046	VARGAS-CABRERA, ARMANDO	11/16/2023	\$444.32
00031260	E05018	VILLEGAS, MIA A	11/16/2023	\$131.11
00031261	E04609	VIRAMONTES, JACOB D	11/16/2023	\$229.60
00031262	E04274	WILMES, DAVID M	11/16/2023	\$594.49
00031263	E05070	XOOL VARGAS, RUDY G	11/16/2023	\$291.36
00031264	E05076	XU, CHARLIE	11/16/2023	\$298.64
00031265	E05175	AGUILAR, JENNIFER	11/16/2023	\$495.31
00031266	E03819	ALAMILLO, MARCOS R	11/16/2023	\$5,998.19
00031267	E03712	ALARCON, CLAUDIA	11/16/2023	\$4,113.66
00031268	E03616	ALCARAZ, MARIA A	11/16/2023	\$2,425.69
00031269	E00121	ALLISON, WILLIAM	11/16/2023	\$6,074.46
00031270	E04873	ALVARADO, MADELINE M	11/16/2023	\$1,921.21
00031271	E04080	ALVAREZ BROWN, RICHARD A	11/16/2023	\$0.00
00031272	E05028	AMAYA, JOSE J	11/16/2023	\$4,314.25
00031273	E03011	ANDERSON, BOBBY B	11/16/2023	\$3,974.56
00031274	E05040	ARCHULETA, ANDREW M	11/16/2023	\$3,992.84
00031275	E01234	ARELLANO, PEDRO R	11/16/2023	\$4,741.63
00031276	E04875	ARROYO, SANDRA M	11/16/2023	\$2,179.84
00031277	E04497	ASHBAUGH, TIMOTHY R	11/16/2023	\$4,458.06
00031278	E03397	ASHBY, PAUL W	11/16/2023	\$4,037.13
00031279	E04719	ATWOOD, MARIA S	11/16/2023	\$2,340.88

CITY OF GARDEN GROVE
GGFEFM002 Warrant Register Payroll
Check Dates Nov 16, 2023

Report Generated on Nov 15, 2023 4:02:22 PM

Page 8

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00031280	E04613	AVALOS JR, FRANCISCO	11/16/2023	\$3,217.14
00031281	E04033	AVALOS, KATHERINE MARIE	11/16/2023	\$2,624.58
00031282	E04550	BAEK, SHARON S	11/16/2023	\$2,948.97
00031283	E05062	BAEZ, JASMIN	11/16/2023	\$553.15
00031284	E04209	BAINTO, JUDY A	11/16/2023	\$737.51
00031285	E04778	BAKER, COLLIN E	11/16/2023	\$3,151.40
00031286	E03005	BANKSON, JOHN F	11/16/2023	\$4,746.11
00031287	E04645	BARRAZA, RENE	11/16/2023	\$4,453.51
00031288	E05041	BARRIOS-ROA, JAYDE D.	11/16/2023	\$3,405.43
00031289	E04432	BEHZAD, JOSHUA K	11/16/2023	\$2,613.04
00031290	E04951	BELLO, ANGELICA	11/16/2023	\$1,862.23
00031291	E04976	BELTHIUS, TYLER E	11/16/2023	\$524.44
00031292	E04753	BERENGER, BEAU A	11/16/2023	\$4,218.24
00031293	E03296	BERESFORD, EVAN S	11/16/2023	\$4,127.58
00031294	E01604	BERLETH, RYAN S	11/16/2023	\$2,409.51
00031295	E03443	BLUM, JAMES A	11/16/2023	\$2,727.87
00031296	E03363	BOWEN, GENA M	11/16/2023	\$1,953.69
00031297	E04767	BOWMAN, TROY F	11/16/2023	\$3,047.75
00031298	E04963	BOYENS III, ROBERT	11/16/2023	\$4,132.32
00031299	E00946	BRAME, KAREN D	11/16/2023	\$2,266.37
00031300	E04803	BRANTNER, BRITTANEE N	11/16/2023	\$1,771.81
00031301	E05083	BRITTON, CODY W	11/16/2023	\$3,284.54
00031302	E03380	BROWN, JEFFREY A	11/16/2023	\$6,693.72
00031303	E03968	BRUNICK, CARISSA L	11/16/2023	\$3,019.70
00031304	E05074	BUJANONDA, CHANON	11/16/2023	\$3,952.41
00031305	E02031	BURILLO, RICHARD O	11/16/2023	\$5,662.00
00031306	E03972	BUSTILLOS, RYAN V	11/16/2023	\$4,312.37
00031307	E05077	CAGLE, RONALD L	11/16/2023	\$2,078.94
00031308	E03964	CAMARA, DANIEL A	11/16/2023	\$3,251.69
00031309	E04074	CAMPOS, JESENIA	11/16/2023	\$2,315.67
00031310	E03739	CAPPS, THOMAS A	11/16/2023	\$5,315.39
00031311	E05002	CARBALLO, MILTON A	11/16/2023	\$3,004.55
00031312	E02372	CENTENO, JUAN C	11/16/2023	\$5,070.19
00031313	E03607	CHANG, DAVID Y H	11/16/2023	\$2,634.98
00031314	E03481	CHAURAN HAIRGROVE, TAMMY L	11/16/2023	\$2,269.18

CITY OF GARDEN GROVE
GGFEFM002 Warrant Register Payroll
Check Dates Nov 16, 2023

Report Generated on Nov 15, 2023 4:02:22 PM

Page 9

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00031315	E04498	CHEATHAM, JEROME L	11/16/2023	\$5,487.09
00031316	E03423	CHOWDHURY, JACINTA F	11/16/2023	\$1,946.73
00031317	E04414	CHUNG, RANDY G	11/16/2023	\$198.13
00031318	E00003	CIBOSKY, COURTNEY P	11/16/2023	\$3,114.18
00031319	E04539	CLASBY JR, BRIAN M	11/16/2023	\$622.02
00031320	E04872	CORNETT, KRISTINA L	11/16/2023	\$1,902.92
00031321	E04832	CORTEZ JR, DARRYL B	11/16/2023	\$4,131.00
00031322	E04666	CORTEZ, JULIO C	11/16/2023	\$4,132.92
00031323	E01875	COUGHRAN, ADAM B	11/16/2023	\$0.00
00031324	E01796	COULTER, GARY L	11/16/2023	\$3,664.22
00031325	E04555	CRUZ, REYNA	11/16/2023	\$2,072.57
00031326	E01364	DALTON, BRIAN D	11/16/2023	\$17,070.49
00031327	E04874	DANG, JOHN	11/16/2023	\$1,609.21
00031328	E04503	DAVILA, ISAAC	11/16/2023	\$3,533.74
00031329	E04431	DE ALMEIDA LOPES, NICHOLAS A	11/16/2023	\$5,962.53
00031330	E04731	DE PADUA, TANNER C	11/16/2023	\$5,169.97
00031331	E03691	DELGADO JR, JUAN L	11/16/2023	\$4,325.21
00031332	E03395	DIX, JENNIFER A	11/16/2023	\$3,031.54
00031333	E05088	DOAN, THOMMY	11/16/2023	\$2,846.88
00031334	E02313	DOSCHER, RONALD A	11/16/2023	\$2,694.98
00031335	E04586	DOVEAS, CHRISTOPHER C	11/16/2023	\$402.73
00031336	E04281	DRISCOLL, RUSSELL B	11/16/2023	\$2,174.16
00031337	E04844	DUARTE, TAYLOR M	11/16/2023	\$4,010.22
00031338	E04720	DUDLEY, BROD D	11/16/2023	\$3,104.81
00031339	E03625	EARLE, CHRISTOPHER M	11/16/2023	\$3,919.41
00031340	E03740	EL FARRA, AMIR A	11/16/2023	\$5,518.00
00031341	E03927	ELHAMI, MICHAEL K	11/16/2023	\$3,795.96
00031342	E03933	ELIZONDO, BENJAMIN M	11/16/2023	\$4,177.94
00031343	E04016	ELIZONDO, FLOR DE LIS	11/16/2023	\$2,395.33
00031344	E01598	ELSOUSOU, HELENA	11/16/2023	\$3,080.13
00031345	E02708	ENRIQUEZ, JOHN G	11/16/2023	\$917.36
00031346	E05174	ESCOBAR, MARIANA	11/16/2023	\$393.34
00031347	E04334	ESCOBEDO, JOSHUA N	11/16/2023	\$4,453.81
00031348	E02724	ESTLOW, STEPHEN C	11/16/2023	\$4,177.25
00031349	E04358	ESTRADA MONSANTO, MICHELLE N	11/16/2023	\$3,377.73

CITY OF GARDEN GROVE
GGFEFM002 Warrant Register Payroll
Check Dates Nov 16, 2023

Report Generated on Nov 15, 2023 4:02:22 PM

Page 10

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00031350	E04748	FAJARDO, JESUS	11/16/2023	\$3,550.20
00031351	E04303	FERREIRA JR, HECTOR	11/16/2023	\$2,968.94
00031352	E01663	FERRIN, KORY C	11/16/2023	\$5,473.52
00031353	E03976	FIGUEREDO, GEORGE R	11/16/2023	\$5,000.23
00031354	E04774	FLINN, PATRICIA C	11/16/2023	\$3,039.51
00031355	E02887	FOSTER, VICTORIA M	11/16/2023	\$2,062.95
00031356	E02963	FRANKS, JAMES D	11/16/2023	\$5,356.38
00031357	E04747	FRESENIUS, ROBERT D	11/16/2023	\$3,292.86
00031358	E00903	FRUTOS, VERONICA	11/16/2023	\$2,042.71
00031359	E04729	GARCIA, JOSEPH A	11/16/2023	\$4,013.68
00031360	E03086	GARCIA, PETE	11/16/2023	\$4,676.15
00031361	E03659	GARNER, AMANDA B	11/16/2023	\$2,151.05
00031362	E04351	GERDIN, MICHAEL E	11/16/2023	\$3,432.48
00031363	E04542	GIFFORD, ROBERT J	11/16/2023	\$4,894.67
00031364	E04658	GIRGENTI, BRIAN C	11/16/2023	\$3,743.61
00031365	E04401	GLEASON, SEAN M	11/16/2023	\$4,252.53
00031366	E04917	GOMEZ, JESUS	11/16/2023	\$7,899.67
00031367	E04863	GONZALEZ JR, GONZALO	11/16/2023	\$3,851.77
00031368	E05003	HA, DANNY	11/16/2023	\$4,215.25
00031369	E04732	HADDEN, TRAVIS J	11/16/2023	\$2,983.41
00031370	E04787	HALEY, KYLE N	11/16/2023	\$3,672.01
00031371	E03527	HALLER, TROY	11/16/2023	\$5,484.24
00031372	E03402	HEINE, STEVEN H	11/16/2023	\$6,670.17
00031373	E05157	HERNANDEZ CALLEROS, SAIRA	11/16/2023	\$1,808.07
00031374	E02469	HERRERA, JOSE D	11/16/2023	\$7,070.90
00031375	E04244	HINGCO, PINKY C	11/16/2023	\$3,132.67
00031376	E03713	HOLLOWAY, WILLIAM T	11/16/2023	\$4,663.26
00031377	E04739	HOWARD, JASON A	11/16/2023	\$3,656.54
00031378	E04654	HURLEY, KIRK P	11/16/2023	\$2,950.25
00031379	E04089	HUTCHINS, DONALD J	11/16/2023	\$4,235.78
00031380	E03815	HUYNH, AI KELLY	11/16/2023	\$2,563.14
00031381	E03559	HUYNH, THI A	11/16/2023	\$3,819.16
00031382	E04915	ITURRALDE, JENNIFER L	11/16/2023	\$1,808.07
00031383	E04583	JENSEN, MICHAEL J	11/16/2023	\$4,715.95
00031384	E02935	JENSEN, NICKOLAS K	11/16/2023	\$4,444.32

CITY OF GARDEN GROVE
GGFEFM002 Warrant Register Payroll
Check Dates Nov 16, 2023

Report Generated on Nov 15, 2023 4:02:22 PM

Page 11

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00031385	E04587	JIMENEZ JR, EFRAIN A	11/16/2023	\$4,508.70
00031386	E04781	JIMENEZ TAVAREZ, SERGIO J	11/16/2023	\$2,527.60
00031387	E04655	JOHNSON, CODY M	11/16/2023	\$2,853.46
00031388	E03368	JOHNSON, JASON L	11/16/2023	\$4,467.52
00031389	E03831	JORDAN, GERALD F	11/16/2023	\$5,476.18
00031390	E04444	JULIENNE, PATRICK R	11/16/2023	\$3,830.82
00031391	E04460	KAISER, GEORGE R	11/16/2023	\$1,268.52
00031392	E04559	KELLEY, KRISTOFER D	11/16/2023	\$3,090.54
00031393	E04353	KEUILIAN, SHELBY	11/16/2023	\$2,310.82
00031394	E04663	KIM, CHAD B	11/16/2023	\$3,633.86
00031395	E04641	KIM, EDWARD K	11/16/2023	\$207.11
00031396	E04538	KIMBERLY, ALLYSON L	11/16/2023	\$1,814.94
00031397	E03932	KIVLER, ROBERT J	11/16/2023	\$3,384.21
00031398	E03389	KOLANO, JOSEPH L	11/16/2023	\$4,828.87
00031399	E03294	KOVACS, LEA K	11/16/2023	\$3,816.95
00031400	E05000	KOVACS, TIMOTHY M	11/16/2023	\$3,891.74
00031401	E04669	KOVACS, TIMOTHY P	11/16/2023	\$6,509.55
00031402	E03484	KUNKEL, PETER M	11/16/2023	\$5,672.27
00031403	E04857	LANG, MICHAEL J	11/16/2023	\$4,023.30
00031404	E03511	LAZENBY, NICHOLAS A	11/16/2023	\$3,767.95
00031405	E04877	LE, BAO TINH THI	11/16/2023	\$2,112.86
00031406	E04021	LEE, RAPHAEL M	11/16/2023	\$3,543.64
00031407	E03488	LEYVA, ERICK	11/16/2023	\$4,848.59
00031408	E04541	LINK, DEREK M	11/16/2023	\$4,319.47
00031409	E00030	LOERA JR, RAFAEL	11/16/2023	\$5,951.07
00031410	E05033	LOFFLER, CHARLES H	11/16/2023	\$5,162.95
00031411	E05066	LORD, MARK A	11/16/2023	\$4,497.45
00031412	E04581	LOWEN, BRADLEY A	11/16/2023	\$3,251.11
00031413	E04761	LUCATERO, JESSE A	11/16/2023	\$3,459.88
00031414	E00027	LUKAS, STEVEN W	11/16/2023	\$2,374.96
00031415	E04048	LUX, ROBERT D	11/16/2023	\$2,367.03
00031416	E03663	LUX, RYAN M	11/16/2023	\$4,042.15
00031417	E04772	LY, LINDALINH THU	11/16/2023	\$2,421.64
00031418	E04661	MACHUCA, ROBERTO	11/16/2023	\$3,309.01
00031419	E03752	MACY, TAYLOR A	11/16/2023	\$3,793.94

CITY OF GARDEN GROVE
GGFEFM002 Warrant Register Payroll
Check Dates Nov 16, 2023

Report Generated on Nov 15, 2023 4:02:22 PM

Page 12

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00031420	E04532	MANIACI, GIANLUCA F	11/16/2023	\$4,802.82
00031421	E04435	MARCHAND, MATTHEW P	11/16/2023	\$4,336.78
00031422	E01359	MARTINEZ JR, MARIO	11/16/2023	\$5,807.33
00031423	E04974	MARTINEZ, JUANITA PATRICIA	11/16/2023	\$3,210.94
00031424	E02792	MATA, RAQUEL D	11/16/2023	\$1,141.16
00031425	E04656	MAZON, JORGE L	11/16/2023	\$3,012.16
00031426	E02796	MCFARLANE, MARIA C	11/16/2023	\$2,878.49
00031427	E06761	MEEKS, REBECCA S	11/16/2023	\$4,372.14
00031428	E03826	MEERS, BRYAN J	11/16/2023	\$4,243.50
00031429	E02655	MENDOZA CAMPOS, MELISSA	11/16/2023	\$2,952.79
00031430	E03965	MIHALIK, DANNY J	11/16/2023	\$3,864.14
00031431	E04804	MONTECINOS, LAUREN MARIE	11/16/2023	\$2,841.48
00031432	E04865	MORIN, LINDA M	11/16/2023	\$3,570.55
00031433	E04352	MORSE, JEREMY N	11/16/2023	\$3,529.15
00031434	E01940	MORTON, NATHAN D	11/16/2023	\$5,015.86
00031435	E04454	MOSER, MICHAEL A	11/16/2023	\$2,205.80
00031436	E03929	MURILLO JR, RAUL	11/16/2023	\$5,109.43
00031437	E04626	MURO, JASON M	11/16/2023	\$4,910.12
00031438	E04577	MUSCHETTO, PATRICK J	11/16/2023	\$6,854.05
00031439	E03422	NADOLSKI, THOMAS R	11/16/2023	\$2,355.46
00031440	E05084	NAKANO HITZKE, SARAH V	11/16/2023	\$3,390.53
00031441	E04111	NEELY, JACOB J	11/16/2023	\$3,035.63
00031442	E05111	NGUYEN, HAU D	11/16/2023	\$426.11
00031443	E02813	NGUYEN, TRINA T	11/16/2023	\$2,829.18
00031444	E04540	NIKOLIC, ADAM C	11/16/2023	\$6,018.10
00031445	E05146	NIZ, IXA N	11/16/2023	\$1,877.95
00031446	E05054	NUNEZ, BREANNE S	11/16/2023	\$2,889.48
00031447	E03367	OJEISEKHOBBA, JOHN O	11/16/2023	\$150.92
00031448	E03350	OLIVO, JOSHUA T	11/16/2023	\$4,853.51
00031449	E04035	ORTIZ, STEVEN TRUJILLO	11/16/2023	\$3,260.53
00031450	E03427	PANELLA, JOSEPH N	11/16/2023	\$2,577.90
00031451	E04910	PAQUA, BRANDON J	11/16/2023	\$2,632.86
00031452	E01948	PARK, BRANDY J	11/16/2023	\$2,940.08
00031453	E02995	PAYAN, CRISTINA V	11/16/2023	\$2,712.31
00031454	E00824	PAYAN, LUIS A	11/16/2023	\$5,469.11

CITY OF GARDEN GROVE
GGFEFM002 Warrant Register Payroll
Check Dates Nov 16, 2023

Report Generated on Nov 15, 2023 4:02:22 PM

Page 13

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00031455	E04843	PEREZ, EMMANUEL	11/16/2023	\$3,232.16
00031456	E00145	PERKINS, JASON S	11/16/2023	\$6,543.34
00031457	E04429	PHAM, PHILLIP H	11/16/2023	\$3,510.42
00031458	E06938	PLUARD, DOUGLAS A	11/16/2023	\$5,232.50
00031459	E03299	POLOPEK, COREY T	11/16/2023	\$3,937.47
00031460	E05173	PONCE, GALILEA	11/16/2023	\$551.92
00031461	E05050	QUANG, DENNIS	11/16/2023	\$3,329.53
00031462	E04788	QUIROZ, LUIS A	11/16/2023	\$2,435.85
00031463	E05100	RAABE, MATTHEW A	11/16/2023	\$2,829.88
00031464	E03967	RAMIREZ OROZCO, SINDY	11/16/2023	\$5,036.52
00031465	E04955	RAMIREZ, KAYLYN C	11/16/2023	\$1,998.62
00031466	E03390	RAMIREZ, LUIS F	11/16/2023	\$4,477.08
00031467	E05021	RAMIREZ, TERRA M	11/16/2023	\$3,535.14
00031468	E04914	RAMOS, RODOLFO B	11/16/2023	\$466.18
00031469	E03217	RANEY, JOHN E	11/16/2023	\$4,175.93
00031470	E04941	RASMUSSEN, TRENTON L	11/16/2023	\$3,226.54
00031471	E04659	REED, THOMAS S	11/16/2023	\$3,566.60
00031472	E03486	REYES, RON A	11/16/2023	\$3,674.23
00031473	E04911	RICHARDS, BRYANT D	11/16/2023	\$2,601.04
00031474	E04437	RICHMOND, RYAN R	11/16/2023	\$3,753.66
00031475	E04860	ROCHA, RUDY A	11/16/2023	\$1,819.91
00031476	E04738	RODRIGUEZ, DANIEL	11/16/2023	\$14,406.98
00031477	E04082	RODRIGUEZ, JENNIFER M	11/16/2023	\$3,047.15
00031478	E05001	RODRIGUEZ, RYAN ELIJAH	11/16/2023	\$2,546.86
00031479	E04438	ROGERS, CHRISTIN E	11/16/2023	\$4,640.13
00031480	E04385	ROJAS, ASHLEY C	11/16/2023	\$2,498.07
00031481	E04507	ROMBOUGH, JENNIFER V	11/16/2023	\$3,179.16
00031482	E05176	RUFF, KATHERINE	11/16/2023	\$562.91
00031483	E04552	RUZIECKI, ERIC T	11/16/2023	\$3,934.07
00031484	E02845	SALAZAR, SEAN M	11/16/2023	\$3,898.37
00031485	E04845	SALGADO JR., ALFREDO	11/16/2023	\$3,541.93
00031486	E03297	SAMOFF, TANYA L	11/16/2023	\$3,157.31
00031487	E02646	SANTANA, LINO G	11/16/2023	\$7,666.35
00031488	E05086	SEELY, BRITTANY L	11/16/2023	\$291.36
00031489	E03035	SEYMOUR, SUSAN A I	11/16/2023	\$2,707.29

CITY OF GARDEN GROVE
GGFEFM002 Warrant Register Payroll
Check Dates Nov 16, 2023

Report Generated on Nov 15, 2023 4:02:22 PM

Page 14

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00031490	E04282	SHELGREN, CHRISTOPHER M	11/16/2023	\$3,884.69
00031491	E04616	SHIPLEY, AARON T	11/16/2023	\$12,934.45
00031492	E02937	SHORROW, NICOLE D	11/16/2023	\$7,270.70
00031493	E04864	SILVA, LEVI JOENIEL	11/16/2023	\$3,103.45
00031494	E04576	SIMONS, SHAYLEN L	11/16/2023	\$4,275.43
00031495	E04934	SLETTVET, HEATHER P	11/16/2023	\$2,578.47
00031496	E02587	SOSEBEE, DANNY J	11/16/2023	\$2,671.41
00031497	E03563	SPELLMAN, MARSHA D	11/16/2023	\$3,035.18
00031498	E04500	STAAL, GAREY D	11/16/2023	\$4,191.53
00031499	E03218	STARNES, CHARLES W	11/16/2023	\$5,069.98
00031500	E03761	STEPHENSON III, ROBERT M	11/16/2023	\$5,506.66
00031501	E04584	STROUD, BRIAN T	11/16/2023	\$5,625.39
00031502	E02979	TESSIER, PAUL M	11/16/2023	\$6,245.09
00031503	E04449	TRAN, SPENCER T	11/16/2023	\$2,901.81
00031504	E05145	VACCARO, CHRISTIAN L	11/16/2023	\$349.63
00031505	E02982	VAICARO, VINCENTE J	11/16/2023	\$6,454.33
00031506	E05178	VALDEZ, GREGORY N.	11/16/2023	\$1,861.21
00031507	E03053	VALENCIA, EDGAR	11/16/2023	\$4,330.29
00031508	E04667	VAUGHN, CALEB I	11/16/2023	\$1,751.74
00031509	E04977	VAZQUEZ, BRIAN M	11/16/2023	\$393.34
00031510	E04434	VELLANOWETH, KIMBRA S	11/16/2023	\$3,106.62
00031511	E04903	VIGIL, DANIEL C	11/16/2023	\$2,356.19
00031512	E03022	VU, TUONG-VAN NGUYEN	11/16/2023	\$2,674.59
00031513	E04730	VU, TYLER D	11/16/2023	\$2,875.74
00031514	E01905	WAINWRIGHT, JONATHAN B	11/16/2023	\$4,155.54
00031515	E03220	WARDLE, DENNIS	11/16/2023	\$4,256.53
00031516	E03213	WARDLE, SANTA	11/16/2023	\$2,341.44
00031517	E04758	WEYKER, CHRYSTAL L	11/16/2023	\$1,988.28
00031518	E03305	WIMMER, ROYCE C	11/16/2023	\$5,745.30
00031519	E04762	WREN, DANIELLE E	11/16/2023	\$3,283.36
00031520	E04763	WRIGHT, SARAH A	11/16/2023	\$3,059.66
00031521	E04856	XU, DUO	11/16/2023	\$1,911.98
00031522	E03543	YELENSKY, SHANNON M	11/16/2023	\$1,923.35
00031523	E04156	YERGLER, JOHN J	11/16/2023	\$5,215.11
00031524	E04722	YNIGUEZ, COLE A	11/16/2023	\$3,406.45

CITY OF GARDEN GROVE
GGFEFM002 Warrant Register Payroll
Check Dates Nov 16, 2023

Report Generated on Nov 15, 2023 4:02:22 PM

Page 15

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00031525	E09942	YOUNG, DAVID C	11/16/2023	\$962.91
00031526	E01978	ZMIJA, ADAM D	11/16/2023	\$4,835.20
00031527	E04517	AGUIRRE, ALFRED J	11/16/2023	\$3,470.03
00031528	E01626	AGUIRRE, ANSELMO	11/16/2023	\$2,204.58
00031529	E05087	ALVAREZ, CARLOS J	11/16/2023	\$1,850.07
00031530	E04631	ANDREI, IOAN	11/16/2023	\$1,211.42
00031531	E05113	ARAUJO, ANTONIO	11/16/2023	\$948.01
00031532	E04678	BABINSKI IV, SYLVESTER A	11/16/2023	\$2,460.06
00031533	E05098	BARNESE, VINCENZO A	11/16/2023	\$2,575.66
00031534	E05135	BARNHART, CHARLEY A	11/16/2023	\$918.01
00031535	E04336	BECERRA, RODOLPHO M	11/16/2023	\$2,329.67
00031536	E04972	BECERRA-SAMANIEGO JR, GABRIEL	11/16/2023	\$1,346.38
00031537	E01255	BOS, MICHAEL C	11/16/2023	\$3,633.67
00031538	E04650	BUCHLER, RAYMOND A	11/16/2023	\$1,763.19
00031539	E05162	CAISEROS, CHRISTIAN	11/16/2023	\$918.01
00031540	E01584	CANDELARIA, DANIEL J	11/16/2023	\$4,403.85
00031541	E04300	CANO, EDGAR A	11/16/2023	\$3,191.39
00031542	E03828	CANTRELL, JEFFREY G	11/16/2023	\$2,559.01
00031543	E05063	CARRILLO, GEORGE	11/16/2023	\$4,126.50
00031544	E03811	CARRISOZA, ALBERT J	11/16/2023	\$2,739.89
00031545	E00916	CARTER, PHILLIP J	11/16/2023	\$3,567.54
00031546	E04869	CHAVEZ, DAMIAN JESUS	11/16/2023	\$816.66
00031547	E04551	CONTRERAS, GABRIELA R	11/16/2023	\$2,615.75
00031548	E03518	COTTON, JULIE T	11/16/2023	\$1,781.91
00031549	E03807	DE LA ROSA, VINCENT L	11/16/2023	\$3,332.15
00031550	E05170	DELGADO REYES, JORGE A	11/16/2023	\$654.78
00031551	E03736	DIBAJ, KAMYAR	11/16/2023	\$3,606.94
00031552	E05122	DORADO, ANTHONY	11/16/2023	\$931.23
00031553	E02515	DUVALL, RICK L	11/16/2023	\$2,731.78
00031554	E04514	ESPINOZA, ERIC M	11/16/2023	\$2,187.17
00031555	E03733	ESPINOZA, JULIA	11/16/2023	\$1,362.65
00031556	E03405	FERNANDEZ, CECELIA A	11/16/2023	\$1,336.93
00031557	E04990	FLORES, MITCHELL C	11/16/2023	\$1,434.91
00031558	E05064	FOX, LUCAS	11/16/2023	\$879.82
00031559	E05037	GAINES, JEFFREY S	11/16/2023	\$923.93

CITY OF GARDEN GROVE
GGFEFM002 Warrant Register Payroll
Check Dates Nov 16, 2023

Report Generated on Nov 15, 2023 4:02:22 PM

Page 16

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00031560	E05010	GALVAN, EDGAR	11/16/2023	\$983.26
00031561	E04754	GARCIA, ALICIA R	11/16/2023	\$1,538.41
00031562	E04677	GIROUARD, CASEY G	11/16/2023	\$1,645.53
00031563	E05156	GOMEZ HERNANDEZ, RICARDO	11/16/2023	\$978.27
00031564	E04629	GOMEZ, DIANA	11/16/2023	\$894.92
00031565	E03341	GONZALEZ, JORGE	11/16/2023	\$1,291.36
00031566	E03400	GREENE, MICHAEL R	11/16/2023	\$2,440.03
00031567	E03685	GUZMAN, JESSE	11/16/2023	\$619.55
00031568	E04299	HANSEN, AARON R	11/16/2023	\$2,039.54
00031569	E03523	HARO, GLORIA A	11/16/2023	\$1,280.54
00031570	E03759	HERNANDEZ, HERMILO	11/16/2023	\$0.00
00031571	E04622	HOFER, ALICIA M	11/16/2023	\$2,041.54
00031572	E04347	HSIEH, NICOLAS C	11/16/2023	\$3,666.62
00031573	E03588	HUYNH, HUY HOA	11/16/2023	\$2,466.12
00031574	E04831	ILFELD, MATTHEW D	11/16/2023	\$2,101.33
00031575	E01907	JACOT, ROSEMARIE	11/16/2023	\$2,392.57
00031576	E04296	JOHNSON, ERIC W	11/16/2023	\$2,050.29
00031577	E04979	JURADO, MICHAEL	11/16/2023	\$1,595.89
00031578	E04470	KAYLOR, BRENT	11/16/2023	\$3,119.97
00031579	E04728	KHALIL, MARK M	11/16/2023	\$2,289.89
00031580	E03534	KIM, SAMUEL K	11/16/2023	\$4,560.43
00031581	E05115	KOUTSOYANOPULOS, ALDOCHRIS V	11/16/2023	\$1,437.80
00031582	E04382	KWIATKOWSKI, BRYAN D	11/16/2023	\$2,142.61
00031583	E02852	LADNEY, MARK W	11/16/2023	\$2,906.41
00031584	E04769	LAMAS, LEONEL A	11/16/2023	\$1,385.39
00031585	E03813	LEWIS, SHAN L	11/16/2023	\$3,181.13
00031586	E03301	LEYVA, RAUL	11/16/2023	\$3,716.79
00031587	E05065	LOMELI, JONATHAN	11/16/2023	\$1,553.62
00031588	E05155	LOPEZ, MOISES	11/16/2023	\$1,026.80
00031589	E05006	MARQUEZ, STEVEN ADAM	11/16/2023	\$1,592.60
00031590	E05364	MARU, NAVIN B	11/16/2023	\$5,335.58
00031591	E04665	MEJIA, DIEGO A	11/16/2023	\$2,166.98
00031592	E03493	MENDEZ, RIGOBERTO	11/16/2023	\$2,251.07
00031593	E04998	MENDOZA, LAURA	11/16/2023	\$1,078.81
00031594	E04724	MOORE, DOUGLAS A	11/16/2023	\$2,849.16

CITY OF GARDEN GROVE
GGFEFM002 Warrant Register Payroll
Check Dates Nov 16, 2023

Report Generated on Nov 15, 2023 4:02:22 PM

Page 17

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00031595	E04827	MORELAND, ANDREW J	11/16/2023	\$1,612.61
00031596	E04222	MOSS, DANIEL C	11/16/2023	\$1,753.64
00031597	E01243	MURRAY JR, WILLIAM E	11/16/2023	\$6,983.24
00031598	E04634	NAVARRO, JUAN C	11/16/2023	\$3,224.11
00031599	E04969	ORNELLAS, MICHAEL	11/16/2023	\$1,072.96
00031600	E03378	ORTIZ, STEVEN T	11/16/2023	\$3,113.21
00031601	E04999	ORTUNO, ANIBAL	11/16/2023	\$2,073.44
00031602	E05114	PACE, FRANK D	11/16/2023	\$923.73
00031603	E03754	PINKSTON, RICHARD L	11/16/2023	\$2,641.86
00031604	E05112	POE, HEIDI L	11/16/2023	\$2,983.23
00031605	E04567	POWELL, AUSTIN H	11/16/2023	\$2,764.56
00031606	E03799	QUIROZ, ROLANDO	11/16/2023	\$3,317.40
00031607	E05031	RAMIREZ, AACIN	11/16/2023	\$2,089.18
00031608	E04572	REED, MELVIN P	11/16/2023	\$2,064.02
00031609	E02058	REYES, DELFRADO C	11/16/2023	\$1,356.41
00031610	E04295	ROBLES, RAFAEL	11/16/2023	\$2,982.14
00031611	E04563	RODRIGUEZ, ADRIANNA M	11/16/2023	\$1,328.75
00031612	E05141	RODRIGUEZ, JOY R	11/16/2023	\$865.07
00031613	E05004	RUELAS, SERGIO	11/16/2023	\$2,327.36
00031614	E04289	SALDIVAR, RICARDO	11/16/2023	\$1,578.07
00031615	E04505	SANTOS, MICHAEL F	11/16/2023	\$3,502.01
00031616	E05166	SEVELU, FAASEGA J	11/16/2023	\$949.25
00031617	E04836	SOTO, WILLIAM A	11/16/2023	\$2,627.12
00031618	E05089	STAIR, DEAN T	11/16/2023	\$932.90
00031619	E05171	STRAMBEANU, ALEXANDRU E	11/16/2023	\$654.82
00031620	E03091	SUDDUTH, STEPHEN D	11/16/2023	\$3,058.90
00031621	E01625	TAPIA, LUIS A	11/16/2023	\$3,115.51
00031622	E04756	TARIN, ALEXIS P	11/16/2023	\$0.00
00031623	E03239	TAUANU U, STEVE J	11/16/2023	\$0.00
00031624	E05154	TELLO, ALEJANDRO	11/16/2023	\$744.46
00031625	E04773	THURMAN JR, EDWIN O	11/16/2023	\$1,406.03
00031626	E08679	THURMAN, RODERICK	11/16/2023	\$1,991.90
00031627	E04825	TRUJILLO, JOSEPH E	11/16/2023	\$1,703.68
00031628	E02482	UPHUS, MARK P	11/16/2023	\$4,691.22
00031629	E03681	VASQUEZ, JOSE A	11/16/2023	\$2,851.51

CITY OF GARDEN GROVE
GGFEFM002 Warrant Register Payroll
Check Dates Nov 16, 2023

Report Generated on Nov 15, 2023 4:02:22 PM

Page 18

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00031630	E05136	VASQUEZ, PEDRO	11/16/2023	\$1,341.64
00031631	E05134	VEGA, ERIC J	11/16/2023	\$918.01
00031632	E02942	VERA, EVARISTO	11/16/2023	\$2,050.54
00031633	E03727	VERGARA NEAL, ANA G	11/16/2023	\$3,198.79
00031634	E05093	VIRAMONTES, ALEXANDRA	11/16/2023	\$2,892.91
00031635	E01580	VU, DAI C	11/16/2023	\$4,744.70
00031636	E04362	VU, KHANG L	11/16/2023	\$3,426.80
00031637	E04006	WILLIAMS, RICHARD L	11/16/2023	\$3,115.71
00031638	E05023	YNIGUEZ, KARISSA N	11/16/2023	\$2,630.83
00031639	E05169	ZAMORA, JOEL D	11/16/2023	\$1,263.83
00031640	E03436	ZIEGLER, RICK S	11/16/2023	\$523.58
00031641	E03917	ALLEN, CHRISTOPHER L	11/16/2023	\$77.20
00031642	E04163	AMBRIZ GARCIA, EDWARD D	11/16/2023	\$1,558.96
00031643	E04063	BERGER, JAN	11/16/2023	\$2,677.99
00031644	E00651	BERMUDEZ, ROBERT P	11/16/2023	\$3,618.65
00031645	E03495	BLAS, VICTOR T	11/16/2023	\$3,368.02
00031646	E00070	CANNON, TIM P	11/16/2023	\$4,380.93
00031647	E04365	DAN, CARINA M	11/16/2023	\$2,685.62
00031648	E04440	DAVIS, RYAN H	11/16/2023	\$1,630.85
00031649	E03145	DE LA ROSA, FRANK X	11/16/2023	\$330.53
00031650	E03051	DIEMERT, RONALD W	11/16/2023	\$2,969.84
00031651	E02718	ESCOBAR, CHRIS N	11/16/2023	\$3,641.93
00031652	E03688	GLENN, JEREMY J	11/16/2023	\$1,791.20
00031653	E01618	GOMEZ, JOSE	11/16/2023	\$2,293.04
00031654	E02701	GONZALEZ, ALEJANDRO	11/16/2023	\$3,639.08
00031655	E03763	GRIFFIN, LARRY	11/16/2023	\$2,913.73
00031656	E04828	GUERRERO, MICHAEL V	11/16/2023	\$1,917.13
00031657	E04018	HAENDIGES, ROBERT A	11/16/2023	\$2,285.44
00031658	E03575	HART, RYAN S	11/16/2023	\$3,349.73
00031659	E03399	HOWENSTEIN, FRANK D	11/16/2023	\$2,640.47
00031660	E03406	HUY, EDWARD A	11/16/2023	\$3,157.66
00031661	E03446	JIMENEZ, VIDAL	11/16/2023	\$2,372.11
00031662	E04782	JIN, LIYAN	11/16/2023	\$2,822.49
00031663	E03254	KIRZHNER, ALLEN G	11/16/2023	\$3,823.79
00031664	E03988	LI, REBECCA PIK KWAN	11/16/2023	\$4,231.84

CITY OF GARDEN GROVE
GGFEFM002 Warrant Register Payroll
Check Dates Nov 16, 2023

Report Generated on Nov 15, 2023 4:02:22 PM

Page 19

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00031665	E02063	MA AE, DAVID	11/16/2023	\$2,266.48
00031666	E03249	MANSON, RAQUEL K	11/16/2023	\$3,049.21
00031667	E04837	MARTINEZ, ALFREDO	11/16/2023	\$2,166.01
00031668	E02124	MEISLAHN, TYLER	11/16/2023	\$2,171.43
00031669	E04403	MONTGOMERY, JESSE K	11/16/2023	\$2,420.62
00031670	E03590	MOYA JR, STEVEN J	11/16/2023	\$800.75
00031671	E03519	MURAD, BASIL G	11/16/2023	\$3,469.59
00031672	E03144	NATLAND, KIRK L	11/16/2023	\$1,666.30
00031673	E04291	NGUYEN, DUC TRUNG	11/16/2023	\$2,349.22
00031674	E04904	NGUYEN, LISA	11/16/2023	\$1,172.97
00031675	E03221	NICOLAE, CORNELIU	11/16/2023	\$3,725.26
00031676	E04210	NUNES, BRANDON S	11/16/2023	\$2,039.84
00031677	E03923	ORNELAS, ANDREW I	11/16/2023	\$2,716.09
00031678	E03582	ORTEGA, DAVID A	11/16/2023	\$2,897.23
00031679	E03578	PASILLAS, CELESTINO J	11/16/2023	\$3,219.04
00031680	E03170	PEARSON, WILLIAM F	11/16/2023	\$2,490.50
00031681	E05161	PIINUU, EVANDEMITRI	11/16/2023	\$1,313.83
00031682	E04805	POLIDORI, JESSICA J	11/16/2023	\$3,676.11
00031683	E02500	PORRAS, STEPHEN	11/16/2023	\$4,113.42
00031684	E07590	RUITENSCHILD, LES A	11/16/2023	\$3,465.18
00031685	E03926	RUIZ, JONATHAN	11/16/2023	\$12,738.09
00031686	E05165	SANCHEZ, ALLEN J	11/16/2023	\$850.17
00031687	E07690	SANTOS, ALEXIS	11/16/2023	\$2,217.73
00031688	E07692	SARMIENTO, ADRIAN M	11/16/2023	\$2,814.81
00031689	E04956	SON, TOMMY T	11/16/2023	\$2,121.91
00031690	E04301	TALAMANTES JR, ALBERT	11/16/2023	\$2,441.22
00031691	E04121	TRAN, MINH K	11/16/2023	\$2,555.45
00031692	E08881	VALENZUELA, ALEJANDRO N	11/16/2023	\$5,542.51
00031693	E01882	VIRAMONTES, JESSE	11/16/2023	\$1,987.77
00031694	E04195	WOLLAND, RONALD J	11/16/2023	\$1,919.51
00031695	E09940	YERGENSEN, VICTOR K	11/16/2023	\$2,570.60
00031696	E09954	ZAVALA, JOHN	11/16/2023	\$2,699.63
00031697	E05099	BECK, CRAIG A	11/16/2023	\$3,459.92
00031698	E00740	BLODGETT, GREG	11/16/2023	\$5,565.02
00031699	E01338	CARRENO, SHAUNA J	11/16/2023	\$2,082.19

CITY OF GARDEN GROVE
GGFEFM002 Warrant Register Payroll
Check Dates Nov 16, 2023

Report Generated on Nov 15, 2023 4:02:22 PM

Page 20

Check	Vendor #	Vendor Name	Issue Date	Check Amount
00031700	E03808	CHENG, ALANA R	11/16/2023	\$3,034.08
00031701	E03353	COVARRUBIAS, MONICA	11/16/2023	\$3,803.59
00031702	E05102	FLORES CRUZ, LAURA	11/16/2023	\$2,054.17
00031703	E03697	GUERRERO, PAUL	11/16/2023	\$3,704.41
00031704	E04750	HO, VY D	11/16/2023	\$1,978.42
00031705	E04968	HONG, SEUNGBUM	11/16/2023	\$1,933.69
00031706	E02612	KLOESS, VILMA C	11/16/2023	\$2,938.26
00031707	E01949	LE, IVY	11/16/2023	\$2,014.87
00031708	E05092	LE, LINH D	11/16/2023	\$2,261.39
00031709	E01280	LE, TAMMY	11/16/2023	\$1,775.57
00031710	E03617	LEE, GRACE E	11/16/2023	\$3,091.17
00031711	E05159	LUNA-REYNOSA, URSULA	11/16/2023	\$6,555.36
00031712	E05180	MEDINA, MELANIE	11/16/2023	\$1,337.53
00031713	E05828	MIDDENDORF, LINDA	11/16/2023	\$3,716.05
00031714	E02895	MOURE, SVETLANA	11/16/2023	\$2,650.73
00031715	E05181	NGUYEN, DAVID	11/16/2023	\$1,525.67
00031716	E03255	NGUYEN, PHUONG VIEN T	11/16/2023	\$2,324.29
00031717	E02560	NGUYEN, QUANG	11/16/2023	\$2,844.47
00031718	E01286	NGUYEN, TINA T	11/16/2023	\$2,431.82
00031719	E03541	PHI, THYANA T	11/16/2023	\$3,027.09
00031720	E05106	ROMERO, ALEX	11/16/2023	\$1,977.13
00031721	E04408	THRONE, TIMOTHY E	11/16/2023	\$2,442.25
00031722	E02543	TO, TANYA L	11/16/2023	\$1,765.32
00031723	E01971	TRAN, CUONG K	11/16/2023	\$2,505.90
00031724	E02056	TRUONG, ELAINE	11/16/2023	\$1,902.41
00031725	E02562	VO, THANH-NGUYEN	11/16/2023	\$1,806.72
00031726	E05104	YANG, DANA DAEUN	11/16/2023	\$2,257.29
			EFT - Total	\$1,770,357.36
			Overall - Total	\$1,778,658.85

City of Garden Grove

INTER-DEPARTMENT MEMORANDUM

To:	Lisa L. Kim	From:	William E. Murray
Dept.:	City Manager	Dept.:	Public Works
Subject:	Introduction and First Reading of an Ordinance Enacting Adjustments in Water Rates and Charges and Authorizing Future Automatic Adjustments in Water Rates to Account for Adopted Increases or Decreases in Wholesale Charges the City Pays to Other Agencies for Water		
		Date:	11/28/2023

OBJECTIVE

For City Council to hold a Public Hearing and introduce for first reading and adoption for the attached Ordinance authorizing adjustments in water rates and charges and authorizing future automatic adjustments in water rates to account for adopted increases or decreases in wholesale charges the City pays to other agencies for water, and making a minor clarification to the provision pertaining to meter failures.

BACKGROUND

In March 2023, the City Council approved the hiring of a consulting firm, FG Solutions, to develop a five-year water financial plan to study the Water Enterprise's financial condition and make recommendations for maintaining the financial stability to the Water Enterprise Fund. The study and analysis shows that expenditures are projected to significantly exceed revenues. This will result in the City spending reserves to pay for capital replacement and improvement projects. Without the proposed adjustments in water rates and charges, available reserves will be depleted in one to two years.

The current financial condition has caused the Water Enterprise to postpone and delay needed capital replacements and improvement projects. Revenue increases are also necessary to ensure that the Water Enterprise meets and its bond covenants. The study concludes that to properly maintain the system's aging infrastructure, and enable the Water Enterprise Fund to reach financial stability, rate adjustments are necessary.

The ordinance further makes a minor clarification to the provisions relating to meter failures.

DISCUSSION

Water Rate Adjustments

The Water Rate Study has identified the overall revenue needs for financing of the operations, capital improvements and debt obligations of the Water Enterprise through:

1. Evaluating existing policies and procedures affecting water rates.
2. Evaluating adequacy of projected revenues under existing rates to meet projected revenue requirements.
3. Developing a sound financial plan for covering a five-year study for ongoing operations, planned capital improvements and complying with federal and state mandates. Developing a suitable schedule of water rates that produce revenues adequate to meet financial needs and business principles adopted by the City Council.

The study concludes that additional funds are needed to meet the minimum financial, regulatory, operational, public health and safety, and moral obligations entrusted to the City by the community. Upon the last year of the five-year implementation period, the proposed rate adjustment will amend the bi-monthly service charge for 5/8 x 3/4 meters (typical residential meter size) from \$33.85 to \$43.68, the capital improvements charge from \$7.00 to \$9.20, and a usage charge of \$3.26 to \$4.27 per unit of water use up to a maximum use of 33 units. This would result in the water portion of the bill increasing from \$112.57 to \$146.81 for the average residential customer (22 units) on a bi-monthly bill over the course of five years. Private fire service rates will also be adjusted for all meter sizes from 1.5" to 10". These proposed rates will replace the existing private fire service rates and are shown on the attached draft Ordinance.

As a result of the Water Rate Study, the City is proposing the adoption of automatic annual adjustments to the first three water rate components (1. Minimum charge based on meter size, 2. Capital improvement charge, and 3. Commodity charge) and the fire service rate over a five-year period. The City is also proposing to re-adopt the automatic adjustments to the commodity delivery charge for water usage to pass future increases or decreases in wholesale water charges to customers for a five-year period.

These water rate components would be adjusted after the next regularly scheduled meter reading, following the date on which the City's ordinance establishing the rates becomes effective on January 11, 2024. Subsequent scheduled rate increases will become effective on January 1 of each year, commencing January 1, 2025, without further action by the City Council. However, a 30-day notice will be provided to each customer prior to each increase for the commodity charge. The proposed rates are contained in the attached draft Ordinance.

The total fee charged is calculated based upon the funds required by the City to maintain and operate the City's water system, repay bond indebtedness, and to comply with new and existing regulations imposed by state and federal agencies.

The basic procedure for increasing water rates is as follows:

- a) A Public Hearing is held on the matter. Notice of Public Hearing on the water rate increase was given 45 days in advance of the Public Hearing to the record owners of each identified piece of real property within the Water Enterprise pursuant to Proposition 218;
- b) Property owners within the Water Enterprise boundaries have the right to file a written protest against the increase; and
- c) If more than a simple majority of the total number of property owners file protests against the water rate increase, then the increase may not be instituted (the total number of parcels is 37,600).

Clarification to Provision Regarding Charges After Meter Failures

If a meter is found to have operated improperly during any period, the City calculates the charge based on the average daily consumption for the property according to the same season in the previous year when the meter was operating properly. The ordinance revises section 14.12.050 of the Code to state this policy clearly.

FINANCIAL IMPACT

The proposed authorization for future water rate adjustments will allow the Water Enterprise to continue to meet its financial obligations and to carry out its capital improvement and replacement programs.

RECOMMENDATION

It is recommended that the City Council:

- Hold a Public Hearing to hear testimony and receive written protests from property owners regarding the proposed authorization for future adjustments to water rates and charges; and
- In the absence of a majority protest, introduce and pass to second reading the attached Ordinance implementing future adjustments and making corresponding organizational and clarifying changes to Garden Grove Municipal Code Section 14.12.010 and 14.12.030.

By: Samuel Kim, P.E., Deputy Public Works Director/ Water Services Manager

ATTACHMENTS:

Description	Upload Date	Type	File Name
Ordinance	11/15/2023	Ordinance	GG_Water_Rate_Ordinance_-_Final.pdf
Water Rate Study Report	11/13/2023	Exhibit	FINAL_Garden_Grove_Water_Rate_Study_Report_11132023.pdf

ORDINANCE NO.

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF GARDEN GROVE
AMENDING SECTIONS 14.12.010, 14.12.030, AND 14.12.050 OF CHAPTER 14.12 OF
TITLE 14 ("WATER") OF THE MUNICIPAL CODE RELATING TO WATER RATES AND
CHARGES, AND METER FAILURES

City Attorney's Summary

This Ordinance amends Sections 14.12.010, 14.12.030, and 14.12.050 of the Garden Grove Municipal Code to authorize, for a period of five (5) years, future adjustments in the Bi-Monthly Minimum Charge, Capital Improvement Charge, Commodity Delivery Charge, and Private Fire Service Charge of water rates and future automatic adjustments to reflect adopted increases or decreases in wholesale charges for water established by other public agencies from which the City purchases water. The Ordinance further makes a minor clarification to the provision pertaining to meter failures.

THE CITY COUNCIL FINDS AND DECLARES AS FOLLOWS:

WHEREAS, FG Solutions prepared a Water Rate Study on behalf of the City, which evaluated the Water Enterprise's financing needs, determined the estimated funds needed to adequately finance the operations, capital improvements and debt obligations for the Water Enterprise, reasonably allocated the Water Enterprise's projected revenue requirements to the various customer classes in accordance with their respective service requirements, and recommended a suitable schedule of water rates that produce revenues adequate to meet the Water Enterprise's financial needs in accordance with estimated reasonable customer costs of service;

WHEREAS, Government Code Section 53756 authorizes any agency providing water service to adopt a schedule of fees or charges for a period not to exceed five (5) years authorizing automatic adjustments that pass through increases or decreases in wholesale charges for water established by another public agency from which it purchases water;

WHEREAS, the City Council has determined, based on the findings and recommendations of City Staff and FG Solutions and the legislative findings herein, that, in order to adequately finance the operations, capital improvements and debt obligations for the Water Enterprise, (i) annual adjustments to the Bi-Monthly Minimum Charge, the Capital Improvement Charge, Commodity Delivery Charge, and Private Fire Service Charge, set forth in Subsections (A), (B), and (C) of Section 14.12.010 and in Section 14.12.030 over a five (5) year period as recommended by FG Solutions should be authorized, and (ii) Subsection (F) of Section 14.12.010 should be re-adopted for automatic adjustments to the Commodity Delivery Charge for water usage that pass through future increases in wholesale water charges for a five (5) year period;

WHEREAS, the City Council has determined the following with regard to the rates and charges for water usage established by this Ordinance: (i) the fees and charges are not imposed as a condition of approval of a development project, as defined in California Government Code section 66001; (ii) the fees and charges are established upon a rational basis between the fees charged each customer and the service and facilities provided to each customer of the City's Water Enterprise; (iii) the revenues derived from the fees and charges do not exceed the estimated reasonable cost to provide the capital facilities and water services for which they are levied; (iv) the revenues derived from the fees and charges shall not be used for any other purpose than that for which the fees and charges are imposed; (v) the fees and charges do not exceed the proportional cost of the water service attributable to each consumer; (vi) the fees and charges are imposed on water services which are immediately available to the consumer; (vii) the fees and charges are not levied for general governmental services; and (viii) the rates and charges are not discriminatory or excessive, are sufficient under Government Code section 54515, comply the provisions or covenants of any outstanding revenue bonds of the City payable from the revenues of the Water Enterprise, comply with the provisions of the Revenue Bond Law of 1941 (Government Code 54300-54700), and are in compliance with all other applicable law;

WHEREAS, the City Council has determined that the authorization of annual adjustments to the rates and charges for water usage provided for herein is appropriate and represents increases in the rates and charges needed to adequately finance the operations, capital improvements and debt obligations for the Water Enterprise for those years;

WHEREAS, in accordance with Proposition 218 and Government Code Section 53755, Notice of a Public Hearing to consider the proposed adjustments in water rates and charges and containing such information required to be included pursuant to California law (the Proposition 218 Notice) was mailed to all record owners of affected property to the addresses as they appear on the latest equalized assessment roll and to all City customers located on the affected parcels at the addresses to which the City customarily mails the billing statements;

WHEREAS, on November 28, 2023, the City Council conducted the Public Hearing provided for in the Proposition 218 Notice, at which time the City Council heard all objections and protests to the proposed adjustments in water rates and charges;

WHEREAS, written protests against the proposed adjustments in water rates and charges were not presented by a majority of the property owners, as the total number of properties on which the rates are imposed as shown on the last equalized assessment roll of Orange County totaled 37,600 and the City received a total of [REDACTED] protests;

WHEREAS, pursuant to California Government Code section 66016 notice of the time and place of this hearing, including a general explanation of the matter to be considered and a statement that the data required by Government Code section 66016 is

available for public review at the City, was mailed to interested parties requesting notice at least fourteen (14) days prior to the hearing;

WHEREAS, pursuant to California Government Code section 66016 the City made available to the public the Water Rate Study and other data documenting the estimated costs required to provide services for which the proposed modified rates and charges will be levied and the revenue sources anticipated to provide the services;

WHEREAS, on November 28, 2023, in accordance with applicable legal requirements, the City Council conducted a duly noticed Public Hearing to consider the proposed adjustments in water rates and charges set forth herein, at which Public Hearing all those who wished to speak for or against the proposed adjustments in water rates and charges were heard; and

WHEREAS, the adoption of this Ordinance and the establishment of such rates and charges is statutorily exempt under the California Environmental Quality Act ("CEQA") pursuant to the provisions of Public Resource Code section 21080(b)(8) and Section 15378 and Section 15273 of the CEQA Guidelines because, (i) the increased rates and charges are for the purpose of meeting operational and maintenance expenses of the Water Enterprise, and (ii) the rates and charges constitute the creation of funding mechanism/other governmental fiscal activity which does not involve any commitment to any specific project which may result in a potentially significant physical impact on the environment.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF GARDEN GROVE DOES HEREBY ORDAIN:

Section 1. Section 14.12.010 of Chapter 14.12 (Rates) of Title 14 (Water) of the Garden Grove Municipal Code is hereby amended in its entirety to read as follows:

14.12.010 – RATES AND CHARGES

The City of Garden Grove Water Division incurs ongoing operational costs, such as labor, commodities and contractual services in providing water service to the community. A water rate schedule is established to consist of a Bi-Monthly Minimum Charge and Commodity Delivery Charge to pay for the system operational and capital replacement costs. A Capital Improvements Charge is established to pay for future capital improvements needed to meet future demands on the system. Accordingly, the following rate structure is established for water usage:

- A. **BI-MONTHLY MINIMUM CHARGE.** The Bi-Monthly Minimum Charge for metered service shall be:

BIMONTHLY MINIMUM CHARGES					
Meter Size	1/1/24	1/1/25	1/1/26	1/1/27	1/1/28
5/8 x 3/4"	\$35.10	\$38.23	\$40.47	\$42.84	\$43.68
1"	\$54.54	\$61.54	\$65.77	\$70.29	\$72.39
1½"	\$87.28	\$100.39	\$107.95	\$116.05	\$120.24
2"	\$126.55	\$147.01	\$158.57	\$170.96	\$177.65
3"	\$231.29	\$271.34	\$293.55	\$317.38	\$330.77
4"	\$349.13	\$411.20	\$445.40	\$482.10	\$503.03
6"	\$676.44	\$799.72	\$867.20	\$939.66	\$981.52
8"	\$1,069.22	\$1,265.94	\$1,373.37	\$1,488.73	\$1,555.71
10"	\$1,592.92	\$1,887.56	\$2,048.26	\$2,220.83	\$2,321.29

- B. **COMMODITY DELIVERY CHARGE.** Subject to adjustment pursuant to Subsections (E), the unit charge for metered services shall be:

BI-MONTHLY COMMODITY DELIVERY CHARGES (\$ per hcf)					
	1/1/24	1/1/25	1/1/26	1/1/27	1/1/28
Tier 1	\$3.40	\$3.53	\$3.83	\$4.14	\$4.27
Tier 2	\$5.29	\$5.67	\$5.84	\$6.02	\$6.10

UNITS OF WATER (1 UNIT = 100 CUBIC FT) ("hcf") INCLUDED IN TIER 1 PER BILLING PERIOD	
METER SIZE	MAXIMUM hcf, TIER 1
5/8 x 3/4	33
1	83
1 ½	165
2	264
3	528
4	825
6	1,650
8	2,640
10	3,960

- C. **CAPITAL IMPROVEMENT CHARGE.** The Bi-Monthly Capital Improvement Charge for services shall be:

<u>BI-MONTHLY CAPITAL IMPROVEMENT CHARGE</u>					
Meter Size	1/1/24	1/1/25	1/1/26	1/1/27	1/1/28
5/8 x 3/4"	\$7.45	\$7.92	\$8.43	\$8.97	\$9.20
1"	\$18.62	\$19.81	\$21.08	\$22.43	\$22.99
1½"	\$37.24	\$39.62	\$42.16	\$44.85	\$45.98
2"	\$59.58	\$63.39	\$67.45	\$71.77	\$73.56
3"	\$119.16	\$126.79	\$134.90	\$143.53	\$147.12
4"	\$186.19	\$198.10	\$210.78	\$224.27	\$229.88
6"	\$372.37	\$396.21	\$421.56	\$448.54	\$459.76
8"	\$595.80	\$633.93	\$674.50	\$717.67	\$735.61
10"	\$893.70	\$950.89	\$1,011.75	\$1,076.50	\$1,103.41

- D. **AUTOMATIC PASS-THROUGH ADJUSTMENTS FOR PURCHASED WATER COSTS.**

- The Commodity Delivery Charge shall be automatically adjusted to reflect adopted increases or decreases in wholesale charges for water established by other public agencies from which the City of Garden Grove purchases water to the extent such increases or decreases are not reflected in the schedule of charges then in effect. Any such automatic adjustment shall be implemented through adjustment of the Commodity Delivery Charge. The

amount of any such automatic adjustment shall be calculated by the Finance Director, or his designee, and shall be presented to the City Council for review. Data documenting the amount of the increase or decrease in wholesale water costs and the basis for all adjustment calculations shall be made available to the public upon request.

2. The Finance Director shall cause notice of any automatic adjustment made pursuant to this subsection (D) to be given pursuant to subdivision (a) of Government Code Section 53755, as it may be amended from time to time, and/or other applicable law, not less than thirty (30) days before the effective date of the adjustment.
 3. Unless readopted pursuant Government Code Section 53756, as it may be amended from time to time, and/or other applicable law, the authority to make automatic adjustments pursuant to this subsection (D) shall expire five (5) years from the effective date of the ordinance adopting or readopting this subsection (D).
- E. DETERMINATION OF WATER SUPPLY. The percent of water to be pumped and the percentage to be purchased shall be established by the Public Works Director prior to May 1st of each year, based on the basin production percentage assigned to the City of Garden Grove by the Orange County Water District.

Section 2. Section 14.12.030 of Chapter 14.12 (Rates) of Title 14 (Water) of the Garden Grove Municipal Code is hereby amended in its entirety to read as follows:

14.12.030 – PRIVATE FIRE SERVICE

The bimonthly charge for private fire service protection shall be as follows:

BI-MONTHLY FIRE SERVICE RATE					
Meter Size	1/1/24	1/1/25	1/1/26	1/1/27	1/1/28
1-1/2"	\$3.42	\$3.84	\$4.09	\$4.35	\$4.46
2"	\$7.28	\$8.18	\$8.70	\$9.26	\$9.49
3"	\$21.16	\$23.77	\$25.29	\$26.91	\$27.58
4"	\$45.09	\$50.67	\$53.91	\$57.36	\$58.79
6"	\$130.97	\$147.17	\$156.59	\$166.61	\$170.78
8"	\$279.09	\$313.62	\$333.69	\$355.05	\$363.93
10"	\$501.90	\$564.01	\$600.11	\$638.52	\$654.48

Section 3. Section 14.12.050 of Chapter 14.12 (Rates) of Title 14 (Water) of the Garden Grove Municipal Code is hereby amended in its entirety to read as follows:

14.12.050 - METER FAILURE

If a meter fails to operate properly during any period, the consumer shall be charged with an average daily consumption according to the season as shown by the meter when in use and registering accurately in the previous year.

Section 4. Severability. If any section, subsection, subdivision, sentence, clause, phrase, word or portion of this ordinance is, for any reason, held to be invalid by the decision of any court of competent jurisdiction, such decision shall not affect the validity of the remaining portions of this ordinance. The City Council hereby declares that it would have adopted this ordinance and each section, subsection, subdivision, sentence, clause, phrase, word or portion thereof, irrespective of the fact that any one or more sections, subsections, subdivisions, sentences, clauses, phrases, words or portions thereof be declared invalid.

Section 5. The Mayor shall sign and the City Clerk shall certify to the passage and adoption of this Ordinance and shall cause the same, or the summary thereof, to be published and posted pursuant to the provisions of law and this Ordinance shall take effect thirty (30) days after adoption.

The foregoing Ordinance was passed by the City Council of the City of Garden Grove on the 28th day of November 28, 2023.

ATTEST:

MAYOR

CITY CLERK



Report

Water Rate Study Report

City of Garden Grove
Public Works
Water Services Division



The City of Garden Grove

November 2023

Prepared by:



FG SOLUTIONS
697 Grand St #118
Brooklyn, NY 11211
www.fg-solutions.com

Water Rate Study

Prepared for
City of Garden Grove
Public Works Department
Water Services Division
13802 Newhope St., Garden Grove, CA 92843
November 13, 2023

This report has been prepared for the use of the client for the specific purposes identified in the report. The conclusions, observations and recommendations contained herein attributed to FG Solutions, LLC constitute the opinions of FG Solutions, LLC. To the extent that statements, information, and opinions provided by the client or others have been used in the preparation of this report, FG Solutions, LLC has relied upon the same to be accurate, and for which no assurances are intended, and no representations or warranties are made. FG Solutions, LLC makes no certification and gives no assurances except as explicitly set forth in this report.

© 2023 FG Solutions, LLC

All rights reserved.

Table of Contents

Table of Contents

List of Tables

List of Figures

List of Abbreviations	v
Executive Summary	1
1. Background and Report Organization.....	1-1
1.1 Introduction.....	1-1
1.2 Existing Rates and Rate Structure.....	1-2
1.3 Water Rate Study Process	1-3
2. Revenue Requirement Analysis.....	2-1
2.1 Introduction.....	2-1
2.2 Revenues	2-1
2.2.1 Key Assumptions.....	2-1
2.2.2 Non-Rate Revenues	2-1
2.2.3 Rate Revenues under Current Rates	2-1
2.2.4 Rate Revenues from Proposed Rate Increases	2-2
2.3 Expenses.....	2-2
2.3.1 Key Assumptions.....	2-2
2.3.2 Capital Improvement Plan.....	2-4
2.4 Operating Statement.....	2-1
2.4.1 Fund 601 (Water Operations)	2-1
2.4.2 Fund 602 (Water Capital).....	2-2
2.4.3 Fund 603 (Water Replacement)	2-3
2.4.4 Financial Performance Indicators	2-4
3. Rate Structure Development	3-1
3.1 Cost-of-Service Analysis	3-1
3.2 Proposed Rate Schedule	3-4
3.3 Senior CARE Discount.....	3-6
4. Example Bi-Monthly Water Bill Comparison.....	4-1
4.1 Introduction.....	4-1
4.2 Example Bi-Monthly Bills.....	4-1
4.3 Comparison with Other Utilities	4-2
5. Ongoing Considerations.....	5-1
Appendix A: Revenue Requirement.....	1
Appendix B: Cost-of-Service Analysis.....	1

Appendix C: Rate Design	1
-------------------------------	---

List of Tables

Table ES-1	Existing Bi-Monthly Minimum Charge and Bi-Monthly Capital Improvement Charge
Table ES-2	Existing Commodity Delivery Charges
Table ES-3	Tier 1 Water Use Allowance
Table ES-4	Historical and Projected Revenues Under Existing Rates
Table ES-5	Projected O&M Expenses
Table ES-6	Projected PFAS O&M Costs
Table ES-7	FY 23/24 - FY 27/28 Capital Improvement Plan Summary
Table ES-8	Existing Debt Service
Table ES-9	Proposed Bi-Monthly Minimum Charge
Table ES-10	Proposed Bi-Monthly Capital Improvement Charge
Table ES-11	Proposed Bi-Monthly Commodity Delivery Charges
Table ES-12	Proposed Bi-Monthly Private Fire Service Charge
Table 1-1	Existing Bi-Monthly Minimum Charge and Bi-Monthly Capital Improvement Charge
Table 1-2	Existing Commodity Delivery Charges
Table 1-3	Tier 1 Water Use Allowance
Table 1-4	Existing Bi-Monthly Private Fire Service Rate
Table 2-1	Historical and Projected Revenues Under Existing Rates
Table 2-2	Projected O&M Expenses
Table 2-3	Projected Costs Paid to OCWD and MWD For Water Supply
Table 2-4	Projected PFAS O&M Costs
Table 2-5	FY 23/24 - FY 27/28 Capital Improvement Plan Summary
Table 2-6	Existing Debt Service
Table 2-7	Intercity Debt Service
Table 2-8	Sources of Funds, Fund 601
Table 2-9	Uses of Funds, Fund 601
Table 2-10	Sources of Funds, Fund 602
Table 2-11	Uses of Funds, Fund 602
Table 2-12	Sources of Funds, Fund 603
Table 2-13	Uses of Funds, Fund 603
Table 2-14	Financial Performance Indicators
Table 3-1	Water System Cost-of-Service Analysis - Functionalization of O&M Expenditures
Table 3-2	Water System Cost-of-Service Analysis - Functionalization of Phase 1 CIP
Table 3-3	Functionalization of Rate Revenue Requirement
Table 3-4	Allocation of FY 23/24 Rate Revenue Requirement
Table 3-5	Relationship Between Water Service Characteristics and Rate Structure
Table 3-6	Proposed Bi-Monthly Minimum Charges
Table 3-7	Proposed Bi-Monthly Capital Improvement Charge
Table 3-8	Proposed Commodity Delivery Charges
Table 3-9	Tier 1 Water Use Allowance
Table 3-10	Proposed Private Fire Service Rates
Table 4-1	Water Bill Comparisons: Average Single-Family Residence

Table 4-2	Water Bill Comparisons: 50-Unit Apartment Building, 3" Meter
Table 4-3	Water Bill Comparisons: Commercial Customer, 2" Meter

List of Figures

Figure 1-1	Overview of Methodology
Figure 4-1	Water Bill Comparison of local Utilities

List of Abbreviations

AF	Acre-Foot or Acre-Feet
AFY	Acre-Feet per Year
AWWA	American Water Works Association
AWWA M1 Manual	AWWA Ratemaking Manual
CIMIS	California Irrigation Management Information System
COSA	Cost-of-Service Analysis
DSCR	Debt Service Coverage Ratio
GPM	Gallons per Minute
cf	cubic feet
hcf	hundred cubic feet
CIP	Capital Improvement Program
CPI	Consumer Price Index
FG Solutions	FG Solutions, LLC
FTE	full-time equivalent
FY	fiscal year (July 1–June 30)
hcf	hundred cubic feet
kgal	thousand gallon(s)
mgd	million gallons per day
O&M	operations and maintenance
HP	Horsepower
MG	Million Gallons
MGD	Million Gallons per Day
MWD	Metropolitan Water District
MWDOC	Municipal Water District of Orange County
OCWD	Orange County Water District
PFAS	Per- and polyfluoroalkyl substances
PUC	Public Utilities Commission
RA	Replenishment Assessment
SWRCB	State Water Resources Control Board
T&D	Transmission and distribution

Executive Summary

The Garden Grove Public Works Department Water Services Division (“Division”) owns and operates the water system that provides water services throughout the city. The Division operates 17 total water production facilities, 13 wells, 5 pump stations, 8 reservoirs that hold approximately 53 million gallons of water, and 433 miles of pipe. As part of its ongoing management of the water system, the Division has recognized the need to evaluate expenditures, revenues, and water rates to ensure that the Division can continue to provide safe and reliable service.

The Division is conducting a Water Rate Study that is intended to:

- Summarize the projected water revenue requirements for the five-year study period for fiscal years (FY) 23/24 thru FY 27/28.
- Show a proposed schedule of water rates effective for FY 23/24 through FY 27/28 for the Division’s consideration. These proposed rates include Bi-Monthly Minimum Charges, Commodity Delivery Charges, Capital Improvement Charges, and Private Fire Service rates. All rates shown, unless otherwise indicated, are charged on a bi-monthly basis.
- Outline potentially changing conditions with financial implications, such as water demand, water conservation, new PFAS facilities, and inflation and interest rates.

Historical and budgeted financial and operational data were provided by the Division and used by FG Solutions to develop the projected revenue requirement for the five-year study period. The revenue requirement analysis was an iterative process and draft versions were revised based on comments and input provided by Division staff and the Finance department. Next, the revenue requirement was compared with the revenues generated by the existing rates to generate additional revenues needed from rate increases. Key assumptions used in the Revenue Requirement analysis are summarized in Section 2. Additional assumptions are provided in the printout of the Revenue Requirement calculations that comprise Appendix A.

There are three appendices to this report. Appendix A contains the Revenue Requirement. Appendix B is the water system Cost-of-Service Analysis. Appendix C contains calculations associated with the Rate Design.

The Water Rate Study was initiated in March 2023. The Rate Study was discussed during one Council Briefing session and three Council Study Sessions held throughout 2023. A Public Workshop was held in September 2023. A key part of this Rate Study was establishing the funding required to address three focuses of the Division’s current work: PFAS treatment, new water conservation regulations adopted by the State of California, and ongoing capital improvement needs.

The current water rate structure has the following components, all charged on a bi-monthly basis; a) a Bi-Monthly Minimum Charge; b) a Capital Improvement Charge; and c) a Commodity Delivery Charge, per hundred cubic feet (hcf) consumed during the billing period, in a two-tier rate structure. Table ES-1 below shows the current Bi-Monthly Minimum Charge and the Capital Improvement Charge for each water meter size. All rates are current as of October 1, 2023.

Table ES-1: Existing Bi-Monthly Minimum Charge and Capital Improvement Charge

Meter Size (inches)	Bi-Monthly Minimum Charge	Bi-Monthly Capital Improvement Charge
5/8 x 3/4"	\$33.85	\$7.00
1"	\$50.48	\$17.50
1-1/2"	\$78.20	\$35.00
2"	\$111.45	\$56.00
3"	\$200.15	\$112.00
4"	\$299.92	\$175.00
6"	\$577.08	\$350.00
8"	\$909.67	\$560.00
10"	\$1,353.12	\$840.00

The City purchases imported water from wholesale providers, Metropolitan Water District of Southern California (MWD) and Municipal Water District of Orange County (MWD OC). The City also pays a replenishment assessment fee to Orange County Water District (OCWD) for each acre-foot of local groundwater production. These wholesale providers and OCWD adopt new rates and fee adjustments on an annual basis. The City passes through changes in imported water rates and assessment fees. The Commodity Delivery Charge pays for the cost of purchasing water from MWD, in addition to the replenishment assessment fee to OCWD. Table ES-2 shows the existing Commodity Delivery Charges, per tier.

Table ES-2: Existing Commodity Delivery Charge, \$/hcf

Tier	Commodity Delivery Charge, \$/hcf
Tier 1	\$3.26
Tier 2	\$4.80

Tier 1 is based on the cost of locally produced groundwater. Tier 2 is based on the cost of locally produced groundwater and imported water. Table ES-3 defines the amount of water in the first tier, for each meter connection size. The amount of water included in Tier 1 is unchanged from current City Ordinance.

Table ES-3: Tier 1 Water Use Allowance

Meter Size (inches)	Bi-Monthly Water Use Included in Tier 1, hcf
5/8 x 3/4"	33
1"	83
1-1/2"	165
2"	264
3"	528
4"	825
6"	1,650
8"	2,640
10"	3,960

To provide for the continued operation of a utility on a sound financial basis, revenues must be sufficient to meet the cash requirements for operation and maintenance (O&M) expense, debt service requirements, debt service

coverage requirements, reserves, and cash-funded capital expenditures not financed with debt. The sum of these cost components for a given year is referred to as a utility's Revenue Requirement.

Historical and budgeted financial and operational data were provided by the Division and used by FG Solutions to develop the projected revenue requirement for the five-year study period. Table ES-4 shows historical and projected revenues under existing rates.

Table ES-4: Historical and Projected Revenues Under Existing Rates

Revenue	FY 23/24	FY 24/25	Projected FY 25/26	FY 26/27	FY 27/28
Water Sales Revenues (Excludes Future Rate Increases and Future Pass Through Charge Adjustments)					
Bi-Monthly Minimum Charge (1)	\$8,344,136	\$8,344,136	\$8,344,136	\$8,344,136	\$8,344,136
Commodity Delivery Charge (1)	29,379,678	29,379,678	29,379,678	29,379,678	29,379,678
Private Fire Service (1)	494,910	494,910	494,910	494,910	494,910
Senior CARE Discount (2)	(16,342)	(16,342)	(16,342)	(16,342)	(16,342)
Write-offs (3)	(55,214)	(58,748)	(62,508)	(66,509)	(68,171)
Other Income					
Transfer from General Fund for City Water Use (4)	636,691	691,891	736,172	783,287	822,810
Other Revenues (2)	97,032	97,032	97,032	97,032	97,032
Investment Income	151,683	161,121	131,892	127,726	107,807
Bi-Monthly Capital Improvement Charge (1)	2,320,206	2,320,206	2,320,206	2,320,206	2,320,206
Total	\$41,352,781	\$41,413,885	\$41,425,177	\$41,464,126	\$41,482,067

Next, the revenue requirement was compared with the revenues generated by the existing rates to generate additional revenues needed from rate increases. The revenue requirement is met in the later years of the five-year study period as the proposed rates were developed to generate these reserve levels over time. The three aspects of revenue projections described in the sections below are non-rate revenues, rate revenues under the current rate schedule, and rate revenues from proposed rate increases.

Table ES-5: Projected O&M Expenses

O&M Cost Component	FY 23/24	FY 24/25	Projected (1) FY 25/26	FY 26/27	FY 27/28
Salaries & Fringe Costs (2)	\$7,803,861	\$8,176,893	\$8,503,969	\$8,716,568	\$8,934,483
Contractual Services	570,531	475,484	494,503	506,866	519,538
Commodities Other than Water Costs	567,215	555,215	577,424	591,859	606,656
Water Use Objectives Compliance Cost (3)	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Administrative Services Charge	1,402,200	1,444,200	1,501,968	1,539,517	1,578,005
Street Repair Costs	814,455	814,455	847,033	868,209	889,914
Miscellaneous O&M	25,283	25,283	26,294	26,952	27,625
Electricity	1,111,256	1,155,706	1,184,599	1,214,214	1,244,569
Natural Gas	289,311	300,884	308,406	316,116	324,019
OCWD Pumping (4)	47,208	47,208	49,096	50,324	51,582
Costs Paid to OCWD and MWD For Water Supply (5)	15,343,794	15,343,794	15,343,794	15,343,794	15,343,794
PFAS O&M Costs (6)	2,872,745	4,677,169	5,554,594	11,165,129	11,444,257
OCWD Reimbursement of PFAS O&M Costs (6)	(166,293)	(986,920)	(1,072,147)	(1,389,694)	(1,519,503)
Total	32,681,566	34,029,371	35,319,533	40,949,853	41,444,938

FY 23/24 O&M expenses are primarily based on the Division's FY 23/24 budget. In subsequent years, expenses are escalated for inflation. For the purposes of this rate study, FY 24/24 inflation is 4%. In subsequent years, General Inflation was assumed to be 2.5%, Salaries and Wages Escalation is assumed to be 2.5% (except 4% in FY 25/26), and the rate of escalation for any Capital Improvements is assumed to be 2.5%. All percentages are assumed to remain constant through the end of the planning period, FY 27/28.

Water production expenses are the single largest component of the Division's expenditures. A key assumption is that 85% of future water supply is locally produced groundwater, with the remaining 15% future water supply coming from imported water.

Since the first PFAS facilities came online in FY 21/22, the PFAS O&M expenses are a new expense to the Division. The largest component of PFAS O&M is the Ion Exchange Resin changeout. The projected costs in Table 2-4 are based on annual resin changeouts at each PFAS facility. As the Division gains experience operating and maintaining PFAS facilities, they will be able to adjust resin change out schedules based on need. Table ES-6 also shows the partial reimbursement of PFAS O&M costs from OCWD. Please refer to Appendix A for more detailed calculations.

Table ES-6: Projected PFAS O&M Expenses

PFAS O&M Cost Component	FY 23/24	FY 24/25	Projected FY 25/26	FY 26/27	FY 27/28
Prefilters (Cartridges)	\$156,868	\$163,143	\$187,536	\$396,582	\$406,497
Ion Exchange Resin Changeout	2,276,780	3,846,731	4,393,444	9,526,203	9,764,359
Labor: Future Hires	0	177,600	171,995	176,295	180,702
Power	178,914	194,365	251,931	275,464	282,351
Analytical	4,800	5,616	9,594	13,112	13,440
Maintenance Cost	47,250	52,650	104,335	154,883	158,755
O&M Contingency	208,133	237,064	435,758	622,589	638,154
Total	\$2,872,745	\$4,677,169	\$5,554,594	\$11,165,129	\$11,444,257
Less Partial Reimbursement	(\$166,293)	(\$986,920)	(\$1,072,147)	(\$1,389,694)	(\$1,519,503)
Total Through Rates	\$2,706,452	\$3,690,249	\$4,482,447	\$9,775,435	\$9,924,754

A key aspect of any rate study is defining the anticipated level of capital improvements over the planning period. The Division provided its five-year Capital Improvement Plan from FY 23/24 through FY 27/28. Table ES-7 summarizes capital costs grouped in six categories. The Division projects spending \$23.6 million dollars in water main upsizing and replacement. Another \$17.8 M is projected for recurring replacements of service lines, fire hydrants, valves, meters, and water mains. The Division continues its ongoing reservoir rehabilitation projects and will complete its SCADA upgrades within the five-year rate study planning period. Section 2 of the report contains the detailed list of scheduled capital improvements.

Table ES-7. FY 23/24 - FY 27/28 Capital Improvement Plan Summary

Category	Project Description	Cost (2023) Dollars
Recurring Replacements	Service Lines, Fire Hydrants, Meters, Valves, Mains, and Appurtenances	\$17,807,227
Wells	Well Condition Assessment & Rehabilitation	2,257,142
Reservoirs	Reservoir Rehabilitation	7,630,000
Water Mains	Water Main Upsizing and Replacement	23,638,487
SCADA	SCADA Upgrades	7,411,136
Property Purchase	Well 26 Property Purchase	1,643,000
Total		\$60,386,992

Table ES-8 shows Existing Revenue Bond Debt Service for the rate study planning period. The 2015 Revenue and Refunding Bonds will be paid off in FY 23/24. Debt service payments on the 2020A Water Revenue Bonds will continue through the rate study planning period. The Division also has an outstanding Intercity Loan with the City's General Fund. The outstanding balance, as of FY 23/24 is \$9,851,256.

Table ES-8: Existing Revenue Bond Debt Service

Revenue Bond Debt Issuance	Projected Principal and Interest Payment (1)				
	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Revenue and Refunding Bonds 2015	\$939,300	\$0	\$0	\$0	\$0
Water Revenue Bonds Series 2020A	1,720,175	1,714,575	1,717,775	1,719,375	1,719,375
Total	\$2,659,475	\$1,714,575	\$1,717,775	\$1,719,375	\$1,719,375

The proposed rate structure was developed collaboratively by the Consultant and the Division, with input from City Council that was obtained during the four study sessions that occurred in 2023. The proposed rate structure is based on the following goals:

1. Balance revenue stability of higher fixed charges with financial impacts to rate payers that occur when fixed charges are raised.
2. Collect 28% of revenues from fixed charges.
3. Maintain the two-tiered increasing block Commodity Delivery Charge structure. The first tier includes locally produced groundwater. The second tier includes both locally produced ground water and imported water.
4. Discontinue the Low-Water User discount.
5. Maintain the Senior CARE discount of \$10 per billing period.

The rate structure is developed using a Cost-of-Service Analysis (COSA), completed in a consistent manner with industry standards. The Cost-of-Service analysis uses methodology from the American Water Works Association's M1 Manual, Principles of Water Rates, Fees, and Charges (7th Edition).

The first step in a COSA is functionalization, where water system expenses are grouped according to the functions of a water system. Water functions include pumping, storage, transmission and distribution (T&D), customer, meter, and administration.

The next step is the Functionalization of the Capital Improvement Plan. Forty one percent of the CIP costs are related to transmission and distribution, 26% of these costs are related to storage.

The next step is the Functionalization of the Rate Revenue Requirement, for FY 23/24. Included in the rate revenue requirement are O&M expenditures, debt service payments, capital improvements and replacement expenditures. In FY 23/24, these expenditures are partially offset by non-rate revenues and use of reserves.

The next step in a Cost-of-Service Analysis is allocation, where functionalized expenses are allocated to water system characteristics of average day demand, peak day demand, peak hour demand, and customer and water meter size. In addition, source of supply costs are carried through the allocation step to be used in the rate tier calculations described in detail in Section 3 and Appendix C.

Table ES-9 shows the proposed Bi-Monthly Minimum Charges for each meter size. The table shows the current Bi-Monthly Minimum Charge, and the proposed rates through the end of the rate study planning period.

Table ES-9: Proposed Bi-Monthly Minimum Charges

Meter Size	Current	Proposed Bi-Monthly Minimum Charges				
		1/1/2024	1/1/2025	1/1/2026	1/1/2027	1/1/2028
5/8 x 3/4"	\$33.85	\$35.10	\$38.23	\$40.47	\$42.84	\$43.68
1"	\$50.48	\$54.54	\$61.54	\$65.77	\$70.29	\$72.39
1-1/2"	\$78.20	\$87.28	\$100.39	\$107.95	\$116.05	\$120.24
2"	\$111.45	\$126.55	\$147.01	\$158.57	\$170.96	\$177.65
3"	\$200.15	\$231.29	\$271.34	\$293.55	\$317.38	\$330.77
4"	\$299.92	\$349.13	\$411.20	\$445.40	\$482.10	\$503.03
6"	\$577.08	\$676.44	\$799.72	\$867.20	\$939.66	\$981.52
8"	\$909.67	\$1,069.22	\$1,265.94	\$1,373.37	\$1,488.73	\$1,555.71
10"	\$1,353.12	\$1,592.92	\$1,887.56	\$2,048.26	\$2,220.83	\$2,321.29

The Bi-Monthly Capital Improvement Charge collects funds that are used to pay for planned capital improvements. Table ES-10 shows the current and proposed Bi-Monthly Capital Improvement Charge for each meter connection size through the end of the rate study planning period.

Table ES-10: Proposed Bi-Monthly Capital Improvement Charge

Meter Size	Current	Proposed Bi-Monthly Capital Improvement Charge				
		1/1/2024	1/1/2025	1/1/2026	1/1/2027	1/1/2028
5/8 x 3/4"	\$7.00	\$7.45	\$7.92	\$8.43	\$8.97	\$9.20
1"	\$17.50	\$18.62	\$19.81	\$21.08	\$22.43	\$22.99
1-1/2"	\$35.00	\$37.24	\$39.62	\$42.16	\$44.85	\$45.98
2"	\$56.00	\$59.58	\$63.39	\$67.45	\$71.77	\$73.56
3"	\$112.00	\$119.16	\$126.79	\$134.90	\$143.53	\$147.12
4"	\$175.00	\$186.19	\$198.10	\$210.78	\$224.27	\$229.88
6"	\$350.00	\$372.37	\$396.21	\$421.56	\$448.54	\$459.76
8"	\$560.00	\$595.80	\$633.93	\$674.50	\$717.67	\$735.61
10"	\$840.00	\$893.70	\$950.89	\$1,011.75	\$1,076.50	\$1,103.41

Table ES-11 below shows the current and proposed Bi-Monthly Commodity Delivery Charge. The proposed charges retain the existing two-tiered rate structure. The proposed Bi-Monthly Commodity Delivery Charges do not include future increases in water supply costs from MWD and OCWD. These future increases will be recovered through annual Commodity Delivery Charge pass-through adjustments.

Table ES-11: Proposed Bi-Monthly Commodity Delivery Charges

	Current	Proposed Commodity Delivery Charges				
		1/1/2024	1/1/2025	1/1/2026	1/1/2027	1/1/2028
Tier 1	\$3.26	\$3.40	\$3.53	\$3.83	\$4.14	\$4.27
Tier 2	\$4.80	\$5.29	\$5.67	\$5.84	\$6.02	\$6.10

Table ES-12 below shows the proposed Private Fire Service rates. These rates recover costs associated with transmission, distribution and storage that are related to providing fire protection services to private fire service connections.

Table ES-12: Proposed Private Fire Service Rates

Meter Size	Current	Proposed Private Fire Service Rates				
		1/1/2024	1/1/2025	1/1/2026	1/1/2027	1/1/2028
1-1/2"	\$2.99	\$3.42	\$3.84	\$4.09	\$4.35	\$4.46
2"	\$6.38	\$7.28	\$8.18	\$8.70	\$9.26	\$9.49
3"	\$18.55	\$21.16	\$23.77	\$25.29	\$26.91	\$27.58
4"	\$39.51	\$45.09	\$50.67	\$53.91	\$57.36	\$58.79
6"	\$114.76	\$130.97	\$147.17	\$156.59	\$166.61	\$170.78
8"	\$244.55	\$279.09	\$313.62	\$333.69	\$355.05	\$363.93
10"	\$439.79	\$501.90	\$564.01	\$600.11	\$638.52	\$654.48

Section 1

Background and Report Organization

1.1 Introduction

The Garden Grove Public Works Department Water Services Division (“Division”) provides water services to approximately 34,800¹ connections throughout the City of Garden Grove. The Division is governed by the 7-member Garden Grove City Council. The Division is part of the Public Works Department and is responsible for providing safe and reliable water to the City of Garden Grove. In addition, it is responsible for maintaining wells, reservoirs, and imported water connections. It also provides ongoing maintenance and repair to the water delivery system.

The Division operates 17 total water production facilities, 13 wells, 5 pump stations, 8 reservoirs that hold approximately 53 million gallons of water, and 433 miles of pipe. Within this water system, the Division has an ongoing operation and maintenance program to ensure the continued provision of water conveyance and delivery services.

As part of its ongoing management of the water system, the Division has recognized the need to evaluate expenditures, revenues, and water rates to ensure that the Division can continue to provide safe and reliable service.

The Division is conducting a Water Rate Study that is intended to:

- Summarize the projected water revenue requirements for the five-year study period for fiscal years (FY) 23/24 thru FY 27/28¹.
- Show a proposed schedule of water rates effective for FY 23/24 through FY 27/28 for the Division’s consideration. These proposed rates include Bi-Monthly Minimum Charges, Commodity Delivery Charges, Capital Improvement Charges, and Private Fire Service rates. All rates shown, unless otherwise indicated, are charged on a bi-monthly basis.
- Outline potentially changing conditions with financial implications, such as water conservation regulations, water demand trends, PFAS, inflation rates, interest rates, and recommendations for ongoing monitoring of these items.

Historical and budgeted financial and operational data were provided by the Division and used by FG Solutions to develop the projected revenue requirement for the five-year study period. The revenue requirement analysis was an iterative process and draft versions were revised based on comments and input provided by Division staff and the Finance department. Next, the revenue requirement was compared with the revenues generated by the existing rates to generate additional revenues needed from rate increases.

Key assumptions used in the Revenue Requirement analysis are summarized in Section 2. Additional assumptions are provided in the printout of the Revenue Requirement calculations that comprise Appendix A.

There are three appendices to this report. Appendix A contains the Revenue Requirement. Appendix B is the water system Cost-of-Service Analysis. Appendix C contains calculations associated with the Rate Design.

¹Including residential connections, non-residential connections , and private fire service connections.

² The Division’s fiscal year begins on July 1. FY 23/24 refers to the period between July 1, 2023 and June 30, 2024.

1.2 Existing Rates and Rate Structure

The current water rate structure has the following components, all charged on a bi-monthly basis; a) a Bi-Monthly Minimum Charge; b) a Capital Improvement Charge; and c) a Commodity Delivery Charge, per hundred cubic feet (hcf) consumed during the billing period, in a two-tier rate structure. Table 1-1 shows the Bi-Monthly Minimum Charge and the Capital Improvement Charge for each water meter size. All rates are current as of October 1, 2023.

Table 1-1. Existing Bi-Monthly Minimum Charge and Capital Improvement Charge

Meter Size (inches)	Bi-Monthly Minimum Charge	Bi-Monthly Capital Improvement Charge
5/8 x 3/4"	\$33.85	\$7.00
1"	\$50.48	\$17.50
1-1/2"	\$78.20	\$35.00
2"	\$111.45	\$56.00
3"	\$200.15	\$112.00
4"	\$299.92	\$175.00
6"	\$577.08	\$350.00
8"	\$909.67	\$560.00
10"	\$1,353.12	\$840.00

The Division currently has two rate tiers. Table 1-2 shows the existing Commodity Delivery Charges, per tier.

Table 1-2. Existing Commodity Delivery Charges

Tier	Commodity Delivery Charge, \$/hcf
Tier 1	\$3.26
Tier 2	\$4.80

Table 1-3 shows the Bi-Monthly Water Use that is included in Tier 1. For example, a residential customer with a 5/8' x 3/4" meter can use up to 33 hcf and be charged Tier 1 rates. Above 33 hcf, the customer would have to pay the Tier 2 rate.

Table 1-3. Bi-Monthly Water Use Included in Tier 1

Meter Size (inches)	Bi-Monthly Water Use Included in Tier 1, hcf
5/8 x 3/4"	33
1"	83
1-1/2"	165
2"	264
3"	528
4"	825
6"	1,650
8"	2,640
10"	3,960

The Division charges Private Fire Service customers a Bi-Monthly Private Fire Service Rate, based on the fire service connection meter size. Private Fire Services are customers with Fire Service connections that have a separate meter that is connected only to the customer's fire sprinkler system. Table 1-4 shows these fees in detail.

Table 1-4. Existing Private Fire Service Rates

Meter Size (inches)	Bi-Monthly Private Fire Service Rate
1-1/2"	\$2.99
2"	\$6.38
3"	\$18.55
4"	\$39.51
6"	\$114.76
8"	\$244.55
10"	\$439.79

1.3 Water Rate Study Process

The Water Rate Study kicked off in March 2023. In order to communicate with City Council and the public, the Division and the consultant team attended one Council Briefing, three Study Sessions, plus one Public Workshop. The first Council Briefing was held in May 2023, where an introduction to the water system was presented, as was an overview of the 2023 financial status of the utility.

A Study Session was held in June 2023 that focused on the accomplishments since the 2018 Water Rate Study, Capital Improvement Plan, and the preliminary revenue requirement analysis.

A Study Session was held in July 2023 where preliminary rate structures were presented to Council.

A Study Session was held in August 2023, where the proposed rate structures were presented to Council. The proposed rate structures incorporated Council feedback on the preliminary rate structures.

A Public Workshop was held in September 2023. The intent of this workshop was to have an open and transparent discussion with the public about the upcoming rate increase, and to assist customers in developing an understanding of what their water bill will be.

Figure 1-1 shows the overall approach and methodology used to complete the scope of services for this water rate study.

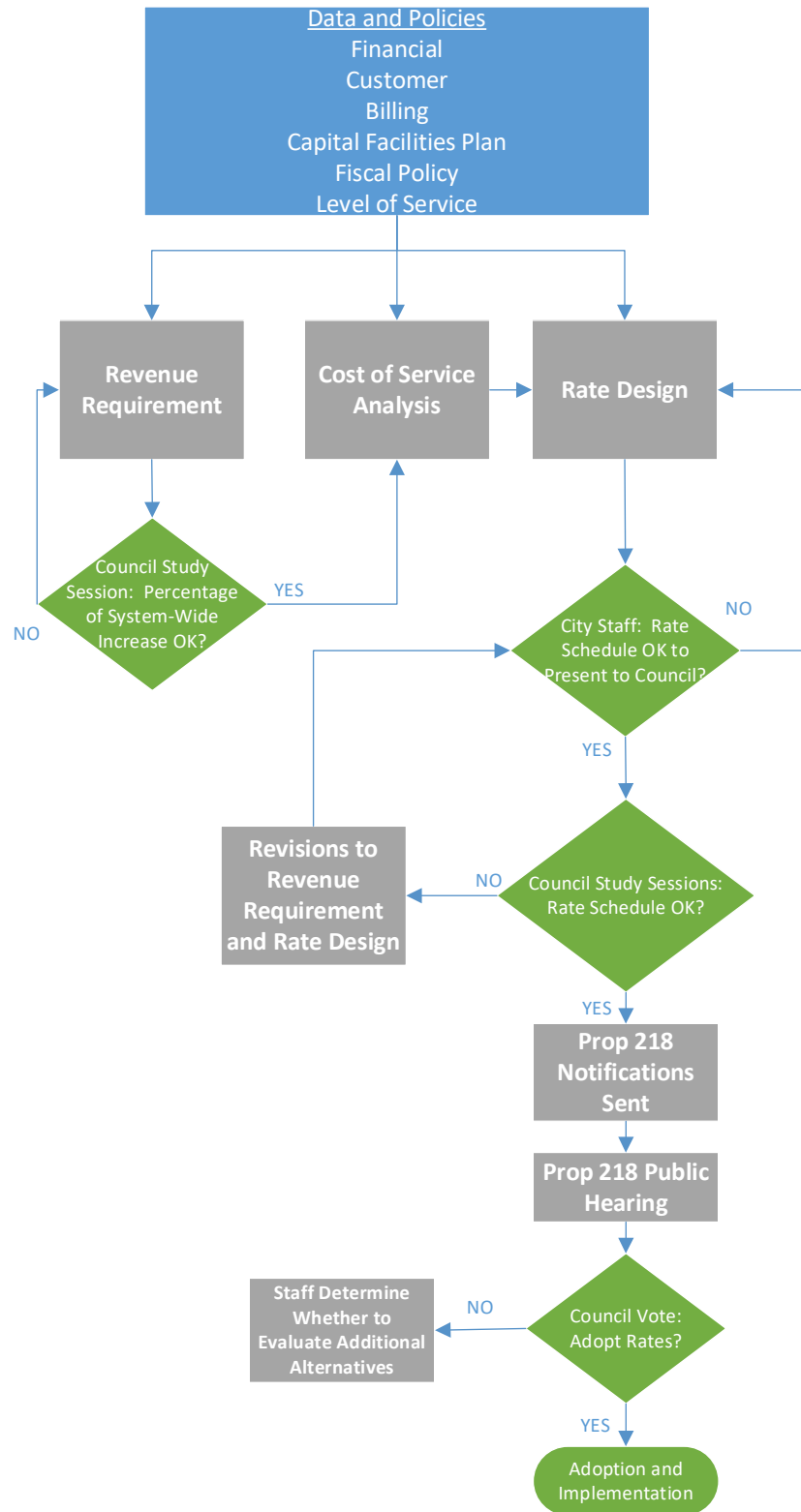


Figure 1-1 Overview of Methodology

Section 2

Revenue Requirement Analysis

2.1 Introduction

To provide for the continued operation of a utility on a sound financial basis, revenues must be sufficient to meet the cash requirements for operation and maintenance (O&M) expense, debt service requirements, debt service coverage requirements, reserves, and cash-funded capital expenditures not financed with debt. The sum of these cost components for a given year is referred to as a utility's Revenue Requirement.

Historical and budgeted financial and operational data were provided by the Division and used by FG Solutions to develop the projected revenue requirement for the five-year study period. The revenue requirement analysis was an iterative process and draft versions were revised based on comments and input provided by Division staff. Next, the revenue requirement was compared with the revenues generated by the existing rates to generate additional revenues needed from rate increases. The reserve requirement, described below, is met throughout the five-year projection period. Revenue projections are a critical part of the revenue requirement analysis. The three aspects of revenue projections described in the sections below are non-rate revenues, rate revenues under the current rate schedule, and rate revenues from proposed rate increases.

Key assumptions used in the Revenue Requirement analysis are listed below. Additional assumptions are provided in the printout of the Revenue Requirement calculations that comprise Appendix A.

2.2 Revenues

2.2.1 Key Assumptions

Revenue projections are a critical part of the revenue requirement analysis. The three aspects of revenue projections described in the sections below are non-rate revenues, rate revenues under the current rate schedule, and rate revenues from proposed rate increases.

FY 23/24 revenues are calculated based on FY 22/23 actual water use, number of customers in FY 22/23, and the existing rate structure.

Another key assumption is that no customer growth is projected through FY 27/28. For the purposes of these rate calculations, customer growth in the water service area is projected to be negligible.

2.2.2 Non-Rate Revenues

The key sources of water revenues other than rate revenues are predominantly late fees, with some non-rate revenues from interest income.

2.2.3 Rate Revenues under Current Rates

Rates that are currently effective are shown in Tables 1-1, 1-2, and 1-3. These rates were used to project the revenues shown in Table 2-1. Revenue estimates under current rates shown in Table 2-1 for FY 24/25 through FY 27/28 are projected to remain at FY 23/24 values. A portion of Late Fee revenues are used to fund the Senior CARE discount.

Table 2-1: Historical and Projected Revenues Under Existing Rates

Revenue	FY 23/24	FY 24/25	Projected FY 25/26	FY 26/27	FY 27/28
Water Sales Revenues (Excludes Future Rate Increases and Future Pass Through Charge Adjustments)					
Bi-Monthly Minimum Charge (1)	\$8,344,136	\$8,344,136	\$8,344,136	\$8,344,136	\$8,344,136
Commodity Delivery Charge (1)	29,379,678	29,379,678	29,379,678	29,379,678	29,379,678
Private Fire Service (1)	494,910	494,910	494,910	494,910	494,910
Senior CARE Discount (2)	(16,342)	(16,342)	(16,342)	(16,342)	(16,342)
Write-offs (3)	(55,214)	(58,748)	(62,508)	(66,509)	(68,171)
Other Income					
Transfer from General Fund for City Water Use (4)	636,691	691,891	736,172	783,287	822,810
Other Revenues (2)	97,032	97,032	97,032	97,032	97,032
Investment Income	151,683	161,121	131,892	127,726	107,807
Bi-Monthly Capital Improvement Charge (1)	2,320,206	2,320,206	2,320,206	2,320,206	2,320,206
Total	\$41,352,781	\$41,413,885	\$41,425,177	\$41,464,126	\$41,482,067

Notes:

- (1) Calculated based on the number of water system customers and projected water use, at the rates contained in Ordinance 2890. Does not include revenues from proposed rate increases.
- (2) Source: City's FY 23/24 budget. In subsequent years, the Senior Care Discount is held constant at current amounts.
- (3) Source: City's FY 23/24 budget. In subsequent years, projected to increase at the overall rate of water sales revenue increases.
- (4) Calculated based on the City's current water use. In subsequent years, projected to increase at the overall rate of water sales revenue increases.
- (5) FY 23/24 per the City's FY 23/24 budget. In subsequent years, based on 0.65% interest income on the City's Fund Balances at the end of the preceding Fiscal Year.

Projected water sales revenues under existing rates are projected to be flat through FY 27/28. The projected Commodity Delivery Charge revenue shown in Table 2-1 does not include future Pass-Through Adjustments. Pass-Through Adjustments are considered by the City Council on an annual basis and will be calculated based on future changes in imported water costs that are not known at this time. For more detail, refer to Appendix A.

2.2.4 Rate Revenues from Proposed Rate Increases

Rate revenues resulting from proposed rate increases are shown later in this report.

2.3 Expenses

2.3.1 Key Assumptions

FY 23/24 O&M expenses are primarily based on the Division's FY 23/24 budget. In subsequent years, expenses are escalated for inflation. For the purposes of this rate study, the FY 24/25 inflation rate is 4%. In subsequent years, General Inflation was assumed to be 2.5%, Salaries and Wages Escalation is assumed to be 4% in FY 25/26 and 2.5% thereafter, and the rate of escalation for any Capital Improvements is assumed to be 2.5%.

Water production expenses are the single largest component of the Division's expenditures. A key assumption is that 85% of future water supply is locally produced groundwater, with the remaining 15% future water supply coming from imported water.

Projected annual water production, a combination of both locally produced groundwater and imported water, is assumed to be 19,773 acre-feet (AF) per year, for the entire planning period. This number is based on FY 22/23 actual water demands. FY 22/23 weather was unusually wet, explaining the decrease in consumption.

Table 2-2 shows projected O&M expenses for the Study period. Additional detail is included in Appendix A, Table A-5.

Table 2-2: Projected O&M Expenses

O&M Cost Component	Projected (1)				
	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Salaries & Fringe Costs (2)	\$7,803,861	\$8,176,893	\$8,503,969	\$8,716,568	\$8,934,483
Contractual Services	570,531	475,484	494,503	506,866	519,538
Commodities Other than Water Costs	567,215	555,215	577,424	591,859	606,656
Water Use Objectives Compliance Cost (3)	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Administrative Services Charge	1,402,200	1,444,200	1,501,968	1,539,517	1,578,005
Street Repair Costs	814,455	814,455	847,033	868,209	889,914
Miscellaneous O&M	25,283	25,283	26,294	26,952	27,625
Electricity	1,111,256	1,155,706	1,184,599	1,214,214	1,244,569
Natural Gas	289,311	300,884	308,406	316,116	324,019
OCWD Pumping (4)	47,208	47,208	49,096	50,324	51,582
Costs Paid to OCWD and MWD For Water Supply (5)	15,343,794	15,343,794	15,343,794	15,343,794	15,343,794
PFAS O&M Costs (6)	2,872,745	4,677,169	5,554,594	11,165,129	11,444,257
OCWD Reimbursement of PFAS O&M Costs (6)	(166,293)	(986,920)	(1,072,147)	(1,389,694)	(1,519,503)
Total	32,681,566	34,029,371	35,319,533	40,949,853	41,444,938

Notes:

- (1) FY 23/24 and FY 24/25 expenses are from the City's FY 23/24 Budget unless otherwise noted. Expenses in later years are projected to increase with inflation unless otherwise noted.
- (2) Salaries & Fringe costs increase at 4% in FY 24/25 and FY 25/26 per the terms of existing labor agreements.
- (3) Compliance cost provided by City staff. Costs will be spent on items that will reduce water use, including an increased emphasis on meter replacement and reducing water losses.
- (4) Expenses
- (5) See Table 2-3 for more detail.
- (6) See Table 2-4 for more detail.

For the 15% of water production that is imported water, the primary cost is the imported water charge from Metropolitan Water District (MWD). For the 85% of water that is locally produced, the primary expenses are energy costs for pumping water, and the Replenishment Assessment from the Orange County Water District (OCWD). More detail can be found in Appendix A.

Table 2-3: Projected Costs Paid to OCWD and MWD For Water Supply

MWD and OCWD Cost Component	Projected (1) (2) (3)				
	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
OCWD Replenishment Assessment	10,487,623	10,487,623	10,487,623	10,487,623	10,487,623
MWD Tier 1 Treated Water	3,585,842	3,585,842	3,585,842	3,585,842	3,585,842
MWD Readiness to Serve Charge	541,486	541,486	541,486	541,486	541,486
MWD Capacity Charge	207,834	207,834	207,834	207,834	207,834
MWD Connection Charge	492,275	492,275	492,275	492,275	492,275
MWD Choice Programs	28,734	28,734	28,734	28,734	28,734
Total	15,343,794	15,343,794	15,343,794	15,343,794	15,343,794

Notes:

- (1) Calculated based on FY 22/23 water demands and current FY 23/24 MWD and OCWD costs. Based on 85% of the City's water supply obtained from local groundwater production and 15% of the City's water supply purchased from MWD.
- (2) Projected costs are not escalated for inflation. Instead, cost increases will be incorporated into the City's annual Commodity Delivery Charge Pass-Through Adjustment.
- (3) See Appendix A for more detailed calculations.

The key points about PFAS are that O&M costs are increasing as new facilities come online. Since the first PFAS facilities came online in FY 21/22, the PFAS O&M expenses are new to the Division. The largest component of PFAS O&M is the Ion Exchange Resin changeout. The projected costs in Table 2-4 are based on annual resin changeouts at each PFAS facility. As the Division gains experience operating and maintaining PFAS facilities, they will be able to

adjust resin change out schedules based on need. Table 2-4 also shows the partial reimbursement of PFAS O&M costs from OCWD. Please refer to Appendix A for more detailed calculations.

Table 2-4: Projected PFAS O&M Costs

PFAS O&M Cost Component	Projected (1)				
	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Prefilters (Cartridges)	\$156,868	\$163,143	\$187,536	\$396,582	\$406,497
Ion Exchange Resin Changeout	2,276,780	3,846,731	4,393,444	9,526,203	9,764,359
Labor: Future Hires	0	177,600	171,995	176,295	180,702
Power	178,914	194,365	251,931	275,464	282,351
Analytical	4,800	5,616	9,594	13,112	13,440
Maintenance Cost	47,250	52,650	104,335	154,883	158,755
O&M Contingency	208,133	237,064	435,758	622,589	638,154
Total	\$2,872,745	\$4,677,169	\$5,554,594	\$11,165,129	\$11,444,257
Less Partial Reimbursement	(\$166,293)	(\$986,920)	(\$1,072,147)	(\$1,389,694)	(\$1,519,503)
Total Through Rates	\$2,706,452	\$3,690,249	\$4,482,447	\$9,775,435	\$9,924,754

Notes:

(1) See Appendix A for detailed calculations.

2.3.2 Capital Improvement Plan

A key aspect of any rate study is defining the anticipated level of capital improvements over the planning period. The Division provided its five-year Capital Improvement Plan from FY 23/24 through FY 27/28. Table 2-5 summarizes capital costs um grouped in six categories. The Division projects spending \$23.6 million dollars in water main upsizing and replacement. Another \$17.8 M is projected for recurring replacements of service lines, fire hydrants, valves, meters, and water mains. The Division continues its ongoing reservoir rehabilitation projects and will complete its SCADA upgrades within the five-year rate study planning period. Table 2-6 shows the detailed list of scheduled capital improvements.

Table 2-5 FY 23/24 - FY 27/28 Capital Improvement Plan Summary

Category	Project Description	Cost (2023) Dollars
Recurring Replacements	Service Lines, Fire Hydrants, Meters, Valves, Mains, and Appurtances	\$17,807,227
Wells	Well Condition Assessment & Rehabilitation	2,257,142
Reservoirs	Reservoir Rehabilitation	7,630,000
Water Mains	Water Main Upsizing and Replacement	23,638,487
SCADA	SCADA Upgrades	7,411,136
Property Purchase	Well 26 Property Purchase	1,643,000
	Total	\$60,386,992

Table 2-6 shows the Division's detailed Capital Improvement Plan through the end of the rate study planning period. This can also be found in the Appendix.

Table 2-6 Capital Improvement Plan

Capital Improvement Plan		Estimated Funding, FY 23/24 Dollars					
Project List		Carry Forward	Budget FY 23/24	Estimated Cost			Total
				FY 24/25	FY 25/26	FY 26/27	FY 27/28
Fund 602 Water Capital Fund Projects							
1) Magnolia Reservoirs and Booster Pump Station Project		\$0	\$800,000	\$0	\$0	\$0	\$0
2) SCADA Implementation Project		436,956	400,000	1,505,000	800,000	1,500,000	0
3) SCADA -FP2 Pressure Monitoring Improvements		0	419,180	0	0	0	0
4) SCADA - HP4-5 SCADA - Trask & Westhaven		0	1,450,000	0	0	0	0
5) SCADA - HP1-3 SCADA - Mag, Lampson, & WGG		0	0	900,000	0	0	0
6) Water Improvement Project Woodbury Rd and Taft St		0	0	1,200,000	0	0	0
7) Water Improvement Project - Orangewood and Yorkshire Ave (~		3,956,942	0	0	0	0	0
8) Water Improvement Project - Chapman Ave and Dale St (~10,000 l		0	5,000,000	0	0	0	0
9) Well assessment (Well 16, 19, 25)		57,142	0	0	0	0	0
10) Well 19 Construction		0	2,200,000	0	0	0	0
11) Water Improvement Project - Woodbury Ave & Anabel Ave (~3,		0	2,097,545	0	0	0	0
12) Water Main Replacement (2 miles each year)		0	0	0	2,084,000	4,000,000	4,000,000
13) Design and Construction of Lampson and Trask Reservoirs Rehab		0	830,000	3,000,000	3,000,000	0	0
14) Various Residential Streets Projects N of GG Blvd & E of Dale		0	1,200,000	0	0	0	0
15) Water Transmission Line Study		0	0	100,000	0	0	0
16) Well 26 Property Purchase		0	0	1,643,000	0	0	0
Subtotal		\$4,451,040	\$14,396,725	\$8,348,000	\$5,884,000	\$5,500,000	\$4,000,000
Fund 603 Water Replacement Fund Projects							
Water Main Replacement (services, hydrants, meters, valves, etc.)		\$0	\$3,807,227	\$3,500,000	\$3,500,000	\$3,500,000	\$3,500,000
Total		\$4,451,040	\$18,203,952	\$11,848,000	\$9,384,000	\$9,000,000	\$7,500,000
							\$59,169,447

Table 2-7 shows Existing Revenue Bond Debt Service for the rate study planning period. The 2015 Revenue and Refunding Bonds will be paid off in FY 23/24. Debt service payments on the 2020A Water Revenue Bonds will continue through the rate study planning period.

Table 2-7: Existing Revenue Bond Debt Service

Revenue Bond Debt Issuance	Projected Principal and Interest Payment (1)				
	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Revenue and Refunding Bonds 2015	\$939,300	\$0	\$0	\$0	\$0
Water Revenue Bonds Series 2020A	1,720,175	1,714,575	1,717,775	1,719,375	1,719,375
Total	\$2,659,475	\$1,714,575	\$1,717,775	\$1,719,375	\$1,719,375

The Division also has an outstanding Intercity Loan with the City's General Fund. This debt has been in existence since the mid-1990s. The outstanding balance, as of FY 23/24 is \$9,851,256. The Intercity Loan recognizes the cost of street damages related to the provision of water services until the mid-1990s. Since the mid-1990s, the Division has paid an annual street damage charge to the General Fund. This annual street damage charge is included in the O&M expenses shown in Table 2-2. Since the last rate study, the Division has been making annual principal and interest payments. Table 2-8 shows the principal and interest payments for the planning period.

Table 2-8: Proposed Intercity Loan Debt Service

Intercity Loan	Projected Principal and Interest Payment (1)				
	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Outstanding Principal Beginning Year	\$10,632,394	\$9,851,256	\$9,037,481	\$8,189,708	\$7,306,516
Principal Payment	\$781,139	\$813,774	\$847,773	\$883,192	\$920,091
Interest Payment	\$421,358	\$388,722	\$354,723	\$319,304	\$282,405
Outstanding Principal, End of Year	\$9,851,256	\$9,037,481	\$8,189,708	\$7,306,516	\$6,386,425

2.4 Operating Statement

Water utility revenues and expenses are tracked in three funds: 1) Fund 601 (Water Operations); 2) Fund 602 (Water Capital); and 3) Fund 603 (Water Replacement). This section shows the revenues and expenses in each fund.

2.4.1 Fund 601 (Water Operations)

Table 2-9 and Table 2-10 are the Operating Statement for the Water Fund 601. Table 2-9 shows the sources of funds in Water Fund 601, which includes rate revenues and other income, including non-rate revenues. The total sources of funds is the sum of the beginning year fund balance, plus rate revenues and other income. Lines 8 thru 12 show the projected percentage rate increases in overall water rate revenues in each fiscal year. Water rate revenue increases were determined to pay the Division's expenses through FY 27/28, and meet the minimum reserve and debt service coverage ratio targets. Proposed rate increases would be effective on January 1 of each year.

Table 2-9: Sources of Funds, Fund 601

Line No	SOURCES OF FUNDS FUND 601 (WATER OPERATIONS)	FY 23/24	FY 24/25	Projected FY 25/26	FY 26/27	FY 27/28
1	Beginning of Year Balance, Fund 601	\$30,046,648	\$23,183,148	\$18,846,897	\$17,795,639	\$14,886,313
2						
3	Water Sales Revenues					
4	Water Sales Revenues under Existing Rates	\$38,147,168	\$38,143,634	\$38,139,874	\$38,135,874	\$38,134,211
5	Additional Revenues From Rate Increases					
6						
7	Fiscal Year Percent Increase Months of Revenue					
8	FY 23/24 6.40% 4	\$815,333	\$2,445,998	\$2,445,998	\$2,445,998	\$2,445,998
9	FY 24/25 6.40% 4		867,514	2,602,542	2,602,542	2,602,542
10	FY 25/26 6.40% 4			923,035	2,769,105	2,769,105
11	FY 26/27 6.40% 4				982,109	2,946,328
12	FY 27/28 2.50% 4					408,189
13	Total Additional Revenues From Rate Increases	\$815,333	\$3,313,512	\$5,971,575	\$8,799,754	\$11,172,162
14						
15	Total Water Sales Revenues	\$38,962,501	\$41,457,146	\$44,111,449	\$46,935,628	\$49,306,373
16						
17	Other Income	\$885,407	\$950,045	\$965,097	\$1,008,046	\$1,027,649
18	Total Revenues	\$39,847,908	\$42,407,191	\$45,076,546	\$47,943,674	\$50,334,023
19	Total Sources of Funds	\$69,894,556	\$65,590,340	\$63,923,444	\$65,739,313	\$65,220,336

Table 2-10 shows Water Fund 601 Uses of Funds. This table shows the payment of O&M Expenditures from Fund 601, along with Debt Service and transfers to Fund 603, which will be discussed later in the report.

Table 2-10: Uses of Funds, Fund 601

Line No	USES OF FUNDS FUND 601 (WATER OPERATION)	FY 23/24	FY 24/25	Projected FY 25/26	FY 26/27	FY 27/28
1	O&M Expenditures	\$32,681,566	\$34,029,371	\$35,319,533	\$40,949,853	\$41,444,938
2	Revenue Bond Debt Service	1,202,496	1,202,496	1,202,496	1,202,496	1,202,496
3	Intercity Loan Debt Service	2,659,475	1,714,575	1,717,775	1,719,375	1,719,375
4	Capital Equipment	314,000	157,000	157,000	157,000	157,000
5	Transfer to Fund 602	6,000,000	6,000,000	4,000,000	3,000,000	2,000,000
6	Transfer to Fund 603	3,853,870	3,640,000	3,731,000	3,824,275	3,919,882
7	Total Uses of Funds	\$46,711,408	\$46,743,442	\$46,127,805	\$50,853,000	\$50,443,691
8						
9	End of Year Balance, Fund 601	\$23,183,148	\$18,846,897	\$17,795,639	\$14,886,313	\$14,776,645

2.4.2 Fund 602 (Water Capital)

Revenues in Fund 602, (Water Capital), are funded from the Capital Improvement Charge, and by unspent revenue bond proceeds from the Series 2020A Revenue Bonds. . Table 2-11 shows revenues for the Division's Water Capital fund. CIP expenses are both funded and paid for within Fund 602.

Table 2-11: Sources of Funds, Fund 602

Line No	SOURCES OF FUNDS FUND 602 (WATER CAPITAL)	FY 23/24	FY 24/25	Projected FY 25/26	FY 26/27	FY 27/28
1	Beginning of Year Balance, Fund 602	\$4,341,667	\$663,606	\$503,051	\$913,439	\$758,292
2						
2	Capital Improvement Charge Revenues					
3	Revenues Under Existing Rates	\$2,320,206	\$2,320,206	\$2,320,206	\$2,320,206	\$2,320,206
4	Additional Capital Improvement Charge Revenues					
5						
6						
7						
	Fiscal Year % Increase Months of Revenue					
8	FY 23/24 6.40% 4	\$49,498	\$148,493	\$148,493	\$148,493	\$148,493
9	FY 24/25 6.40% 4	0	52,666	157,997	157,997	157,997
10	FY 25/26 6.40% 4	0	0	56,036	168,109	168,109
11	FY 26/27 6.40% 4	0	0	0	59,623	178,868
12	FY 27/28 2.50% 4	0	0	0	0	24,781
13	Total Additional Revenues	\$49,498	\$201,159	\$306,490	\$534,222	\$678,248
14						
15	Total Capital Improvement Charge Revenues	\$2,369,704	\$2,521,365	\$2,626,696	\$2,854,428	\$2,998,454
16	Remaining 2020A Revenue Bond Proceeds	6,800,000				
17	Transfer From Fund 601	6,000,000	6,000,000	4,000,000	3,000,000	2,000,000
18	Total Sources of Funds, 602	\$19,511,371	\$9,184,971	\$7,185,783	\$6,767,867	\$5,756,746

Table 2-11, lines 8-12, Revenues from Rate Increases are shown as percentage increases over current Capital Improvement Charge revenues. Table 2-12 shows the expenditures from Fund 602. The expenditures are capital improvements.

Table 2-12: Uses of Funds, Fund 602

Line No	USES OF FUNDS FUND 602 (WATER CAPITAL)	FY 23/24	FY 24/25	Projected FY 25/26	FY 26/27	FY 27/28
1	Capital Improvements	\$18,847,765	\$8,681,920	\$6,272,344	\$6,009,575	\$4,479,865
2	Total Use of Funds	\$18,847,765	\$8,681,920	\$6,272,344	\$6,009,575	\$4,479,865
3						
4	Ending Year Fund Balance, Fund 602	\$663,606	\$503,051	\$913,439	\$758,292	\$1,276,881

Table 2-12, Line 1, Capital Improvements, is shown as a five-year capital cost estimate of \$44,291,469 over the five-year planning period.

2.4.3 Fund 603 (Water Replacement)

Table 2-13, Sources of Funds, Fund 603, (Water Replacement), pays for replacements, such as pipes, meters, valves, and hydrants. Fund 603 is funded by transfers from Fund 601, (Water Operations).

Table 2-13: Sources of Funds, Fund 603

Line No	SOURCES OF FUNDS FUND 603 (WATER REPLACEMENT)	FY 23/24	FY 24/25	Projected FY 25/26	FY 26/27	FY 27/28
1	Beginning of Year Balance, Fund 603	\$894,498	\$941,141	\$941,141	\$941,141	\$941,141
2						
3	Transfer From Fund 601	3,853,870	3,640,000	3,731,000	3,824,275	3,919,882
4	Total Sources of Funds, Fund 603	\$4,748,368	\$4,581,141	\$4,672,141	\$4,765,416	\$4,861,023

Table 2-14, Uses of Funds, Fund 603 (Water Replacement), shows that Replacement Expenditures are projected to begin at \$3,807,227 in FY 23/24, and increase gradually to \$3,919,882 in FY 27/28.

Table 2-14: Uses of Funds, Fund 603

Line No	USES OF FUNDS FUND 603 (WATER REPLACEMENT)	FY 23/24	FY 24/25	Projected FY 25/26	FY 26/27	FY 27/28
1	Replacement Expenditures	\$3,807,227	\$3,640,000	\$3,731,000	\$3,824,275	\$3,919,882
2	Total Use of Funds	\$3,807,227	\$3,640,000	\$3,731,000	\$3,824,275	\$3,919,882
3						
4	Ending Year Fund Balance, Fund 603	\$941,141	\$941,141	\$941,141	\$941,141	\$941,141

2.4.4 Financial Performance Indicators

The Financial Performance Indicators used to evaluate water utility revenues are: 1) End of Year Reserve Balance; 2) Debt Service Coverage Ratio. Table 2-15 shows these Financial Performance Indicators for each year in the five-year planning period.

The Division's reserve policy is that reserves must exceed the sum of:

1. Two months of O&M expenses
2. \$500,000 for contingencies
3. 5% of the net plant value

Table 2-15 shows that this policy is met in each of the five years in the planning period. Table 2-15 also shows the Debt Service Coverage Ratio (DSCR) calculation. A DSCR of at least 1.75 is maintained throughout the five-year planning period. This DSCR exceeds the requirement of the City's Revenue Bond Ordinances and was used to improve the financial position of the utility. The DSCR criteria of 1.75 was used to position the City with the financial markets in anticipation of future debt issuances.

Table 2-15: Financial Performance Indicators

Line No	FINANCIAL PERFORMANCE INDICATORS	FY 23/24	FY 24/25	Projected FY 25/26	FY 26/27	FY 27/28
1	End of Year (EOY) Reserve Balance					
2	Criteria: Total combined fund 601,602,603 Reserves Exceeds Minimum Reserve Balance					
3	Combined EOY 601,602,603 Fund Balance	\$24,787,896	\$20,291,090	\$19,650,220	\$16,585,747	\$16,994,667
4						
5	Minimum Reserve Balance					
6	2 months O&M Expenses	\$5,647,344	\$5,871,978	\$6,087,005	\$7,025,392	\$7,107,906
7	Plus \$500,000 for Contingencies	500,000	500,000	500,000	500,000	500,000
8	Plus 5% of Net Plant	8,596,201	8,820,908	8,922,414	9,004,721	9,012,027
9	Subtotal	\$14,743,545	\$15,192,885	\$15,509,419	\$16,530,112	\$16,619,933
10	Exceeds Target?	Yes	Yes	Yes	Yes	Yes
11						
12	Debt Service Coverage Ratio					
13	Criteria: Debt Service Coverage Ratio > 1.75					
14	Gross Revenue	\$42,217,612	\$44,928,556	\$47,759,278	\$50,798,102	\$53,332,477
15	Less O&M Expenses	(\$32,681,566)	(\$34,029,371)	(\$35,319,533)	(\$40,949,853)	(\$41,444,938)
16	Revenue Available for Debt Service	\$9,536,045	\$10,899,185	\$12,439,745	\$9,848,249	\$11,887,539
17						
18	Revenue Bond Debt Service	\$2,659,475	\$1,714,575	\$1,717,775	\$1,719,375	\$1,719,375
19	Debt Service Coverage Ratio	3.59	6.36	7.24	5.73	6.91
20	Exceeds Target?	No	No	No	No	No

Line 15 shows O&M expenses subtracted from gross revenues. For purposes of debt service coverage calculation, our calculations do not include intercity loan interest and intercity loan principal.

Section 3

Rate Structure Development

This section outlines the proposed water rate structure. The rate structure is developed using a Cost-of-Service Analysis, completed consistently with industry standards. This Cost-of-Service Analysis uses methodology from the American Water Works Association's M1 Manual, Principles of Water Rates, Fees, and Charges (7th Edition).

3.1 Cost-of-Service Analysis

The first step in a Cost-of-Service analysis is functionalization, where water system expenses are grouped according to the functions of a water system. Water functions include pumping, storage, transmission and distribution (T&D), customer, meter, and administration. Table 3-1 shows the functionalization of the Division's O&M expenses for FY 23/24. Additional detail is available in Appendix B.

Some of the key aspects of the functionalization calculations are:

1. Labor costs were functionalized based on a review, with division staff, of the job responsibilities of Water Division employees.
2. All source of supply expenses are included in Table 3-1 in the Rate Tier Calculations.
3. All PFAS expenses are included in the rate tier calculations.

Table 3-1: Water System Cost-of-Service Analysis, FY 23/24 - Functionalization of O & M Expenditures

	FY 23/24 Total	Pumping	Storage	T&D	Customer	Meter	Admin	Rate Tier Calculations	Fire Protection
Salaries, Wages, and Benefits (1)	\$7,803,861	\$1,005,546	\$752,867	\$3,735,573	\$819,514	\$43,743	\$251,673	\$1,172,243	\$22,708
Water Use Objectives Compliance	2,000,000	0	0	0	0	0	0	2,000,000	0
Administrative Services Charge (1)	1,402,200	0	0	0	0	0	1,402,200	0	0
Street Repair Costs (1)	814,455	0	0	407,228	407,228	0	0	0	0
Water Costs (1)	19,498,021	0	0	0	0	0	0	19,498,021	0
Other O&M (1) (2)	1,163,029	136,173	99,532	511,004	97,767	14,434	207,608	89,017	7,494
Total (1) (3)	\$32,681,566	\$1,141,719	\$852,399	\$4,653,805	\$1,324,509	\$58,177	\$1,861,481	\$22,759,281	\$30,202

Notes:

- (1) See Appendix B for more detail.
- (2) Includes contractual services, commodities, registration fees, tuition and training, membership fees, and books/publications.
- (3) Small discrepancies in total functionalized costs are due to rounding in the cost-of-service analysis.

Table 3-2 shows the Functionalization of the Capital Improvement Plan. Forty one percent of the CIP costs are related to transmission and distribution, 26% of these costs are related to storage.

Table 3-2: Water System Cost-of-Service Analysis - Functionalization of the Capital Improvement Plan

Project	Projected Cost	Pumping	Storage	T&D	Customer	Meter	Admin	Rate Tier Calculations	Fire Protection
Magnolia Reservoirs and Booster Pump Station Project (2)	\$800,000	40%	60%						
SCADA Implementation Project (3)	4,641,956	50%	50%						
SCADA - FP2 Pressure Monitoring Improvements	419,180	50%	50%						
SCADA - HP4-5 SCADA - Trask & Westhaven	1,450,000	50%	50%						
SCADA - HP1-3 SCADA - Mag, Lampson, & WGG	900,000	50%	50%						
Water Improvement Project Woodbury Rd and Taft St (4)	1,200,000			80%	6%	6%			8%
Water Improvement Project - Orangewood and Yorkshire Ave (~7,400 ft) (4)	3,956,942			76%	9%	9%			6%
Water Improvement Project - Chapman Ave and Dale St (~10,000 ft) (4)	5,000,000			76%	9%	9%	0%	0%	6%
Well assessment (Well 16, 19, Well 19 Construction)	57,142	100%						100%	
Water Improvement Project - Woodbury Ave & Anabel Ave (~3,500 ft)	2,200,000			100%					
Water Main Replacement (2 miles each year) (4)	2,097,545			76%	9%	9%			6%
Design and Construction of Lampson and Trask Reservoirs Rehabilitation	10,084,000		100%						
Various Residential Streets Projects N of GG Blvd & E of Dale (5)	6,830,000				50%	50%			
Water Transmission Line Study	100,000			100%					
Well 26 Property Purchase	1,643,000							100%	
Total	\$42,579,765	\$4,082,710	\$11,015,568	\$17,628,661	\$2,385,685	\$2,385,685	\$0	\$3,843,000	\$1,238,457
As Percent	100%	10%	26%	41%	6%	6%	0%	9%	3%

Notes:

- (1) Functionalization percentages developed by FG Solutions based on project descriptions provided the City and conversations with City staff. See Appendix B for more detail.
- (2) Source: City staff, 7/6/23 email.
- (3) SCADA facilitates communication between pumps and reservoirs, and are functionalized accordingly.
- (4) per City staff, 7/5/23 email. Percentage allocation to customers, meters, and hydrants is based on the estimated costs of these items. Service lines and meters portion of this project is divided between customer and meters.
- (5) This project is entirely the replacement of service lines and meters, per City staff 7/5/23.

Table 3-3 shows the Functionalization of the Rate Revenue Requirement, for FY 23/24. Included in the rate revenue requirement are O&M expenditures, debt service payments, capital improvements and replacement expenditures. In FY 23/24, these expenditures are partially offset by non-rate revenues and use of reserves.

Table 3-3: Functionalization of Rate Revenue Requirement

	FY 23/24 Total	Pumping	Storage	T&D	Customer	Meter	Admin	Rate Tier Calculations	Fire Protection
O&M Expenses (2)	\$32,681,566	\$1,141,719	\$852,399	\$4,653,805	\$1,324,509	\$58,177	\$1,861,481	\$22,759,281	\$30,202
Debt Service (3)	3,861,971	297,153	687,676	1,626,047	735,569	134,321	1,680	260,505	119,019
Capital Equipment (4)	314,000	0	0	314,000	0	0	0	0	0
Capital Improvements (5)	18,847,765	1,807,195	4,875,998	7,803,257	1,056,014	1,056,014	0	1,701,089	548,198
Water Main Replacement (6)	3,807,227	0	0	2,893,493	342,650	342,650	0	0	228,434
Plus Revenue Adjustments (Wri)	55,214	0	0	0	0	0	55,214	0	0
Less Other Revenues	0	0	0	0	0	0	0	0	0
Other Revenues	(97,032)	0	0	0	0	0	(97,032)	0	0
Investment Income	(151,683)	0	0	0	0	0	(151,683)	0	0
Remaining 2020A Bond Proce	(6,800,000)	(652,010)	(1,759,189)	(2,815,302)	(380,995)	(380,995)	0	(613,728)	(197,782)
Capital Improvement Charge	(2,369,704)	(227,216)	(613,053)	(981,093)	(132,771)	(132,771)	0	(213,876)	(68,924)
Less Change in Fund Balance (7)	(10,494,918)	(1,006,293)	(2,715,080)	(4,345,053)	(588,016)	(588,016)	0	(947,210)	(305,251)
Total Rate Revenue Requiremei	\$39,654,407	\$1,360,548	\$1,328,751	\$9,149,154	\$2,356,960	\$489,380	\$1,669,660	\$22,946,061	\$353,896

Notes:

- (1) See Appendix B for more detail. All discrepancies in total functionalized costs are due to rounding in the cost-of-service analysis.
- (2) See Table 3-1.
- (3) Debt service consists of Revenue Bond Debt and an Intercity Loan. Revenue Bond debt is functionalized per the City's net plant assets. Intercity loan debt is for past street repairs, and is functionalized 50% to transmission and distribution and 50% to customers.
- (4) Capital equipment expenses are associated with the Division's Water Distribution Section.
- (5) See Table 3-2.
- (6) Water Main Replacement Projects are functionalized based on the functionalization of similar projects in the Capital Improvement Program.
- (7) Functionalized according to the Capital Improvement Plan (Table 3-2) because remaining revenue bond proceeds, Capital Improvement Charge revenues, and use of Fund Balance is all used to pay for capital improvements.

The next step in a Cost-of-Service Analysis is allocation, where functionalized expenses are allocated to water system characteristics of average day demand, peak day demand, peak hour demand, and customer and water meter size. In addition, source of supply costs are carried through the allocation step to be used in the rate tier calculations described later in this section. Table 3-4 shows the Allocation of FY 23/24 Rate Revenue Requirement.

Table 3-4: Allocation of FY 23/24 Rate Revenue Requirement

	FY 23/24 Projection	Base	Extra Capacity Max Day	Max Hour	Customer	Meter	Rate Tier Calculations	Private Fire Protection	Public and Private Fire Protection
Water System Function									
Pumping	\$1,360,548	\$1,046,575	\$313,973	\$0	\$0	\$0	\$0	\$0	\$0
Storage	1,328,751	1,109,632	170,983	0	0	0	0	0	48,136
T&D	9,149,154	3,151,375	945,413	1,575,688	0	0	0	0	3,476,679
Customer	2,356,960	0	0	0	2,356,960	0	0	0	0
Meter	489,380	0	0	0	0	489,380	0	0	0
Administration	1,669,660	589,271	158,806	174,940	261,680	54,333	0	39,291	391,340
Rate Tier Calculations	22,946,061	0	0	0	0	0	22,946,061	0	0
Fire Protection	353,896	0	0	0	0	0	0	353,896	0
Reallocate Public FP	0	0	0	0	1,856,414	1,856,414	0	(393,187)	(3,319,641)
Total	\$39,654,410	\$5,896,853	\$1,589,175	\$1,750,628	\$4,475,054	\$2,400,127	\$22,946,061	\$0	\$596,514
Percent of Total	100%	15%	4%	4%	11%	6%	58%	0%	2%

Some of the key aspects of the allocation calculations are:

1. Pumping and storage costs are allocated to base (also referred to as average day) demand and maximum day demand. This is because pumping and reservoirs are sized to meet peak day demands, and they also are in use every day on a 24/7 basis.
2. A portion of storage costs are attributed to providing fire protection, based on an assessment of the amount of reservoir storage that is needed for fire protection, as described in the City's 2008 Water Master Plan.

3. Transmission and distribution system expenses are allocated to base, maximum day, and maximum hour demands because sizing of pipes also considers maximum hour demands. A portion of transmission and distribution expenses is also allocated to fire protection, recognizing that pipes are sized to provide fire flows.
4. Water supply costs are carried through to the rate tier calculations. In the Commodity Delivery Charge calculations described below, the charges for each rate tier are based on water supply costs.
5. Administrative expenses are allocated based on a weighted average of all other expenses.
6. Fire protection expenses, and the reallocation of public fire protection expenses, are discussed in further detail in Appendix C of this report.

Table 3-5 defines terms and clarifies the relationship between Water Service Characteristics and how costs are recovered in the proposed rate structure. The terms base, max-day, and max-hour demand are used in the industry standard publication, AWWA M1 Manual, Principals of Water Rates, Fees, and Charges, 7th Edition. Fixed charges refer to the Bi-Monthly Minimum Charge and the Capital Improvement Charge.

Table 3-5: Relationship Between Water Service Characteristics and Rate Structure

Water Service Characteristics	How Costs are Recovered in Rate Structure
Base Demand	Mostly Through Commodity Charges, Partially Through Fixed Charges
Max Day and Max Hour	Commodity Delivery Charges
Customer and Meter	Fixed Charges
Rate Tier Calculations	Commodity Delivery Charges
Private Fire Protection	Fire Service Costs

3.2 Proposed Rate Schedule

The proposed rate structure was developed collaboratively by the Consultant and the Division, with input from City Council that was obtained during the four study sessions that occurred in 2023. Table 3-6 shows the proposed Bi-Monthly Minimum charge for each meter size.

The proposed rate structure is based on the following goals:

1. Balance revenue stability of higher fixed charges with financial impacts to rate payers that occur when fixed charges are raised.
2. Collect 28% of revenues from fixed charges.
3. Maintain the two-tiered increasing block Commodity Delivery Charge structure. The first tier includes locally produced groundwater. The second tier includes both locally produced ground water and imported water.
4. Discontinue the Low-Water User discount.
5. Maintain the Senior CARE discount of \$10 per billing period.

Table 3-6: Proposed Bi-Monthly Minimum Charges

Meter Size	Current	Proposed Bi-Monthly Minimum Charges				
		1/1/2024	1/1/2025	1/1/2026	1/1/2027	1/1/2028
5/8 x 3/4"	\$33.85	\$35.10	\$38.23	\$40.47	\$42.84	\$43.68
1"	\$50.48	\$54.54	\$61.54	\$65.77	\$70.29	\$72.39
1-1/2"	\$78.20	\$87.28	\$100.39	\$107.95	\$116.05	\$120.24
2"	\$111.45	\$126.55	\$147.01	\$158.57	\$170.96	\$177.65
3"	\$200.15	\$231.29	\$271.34	\$293.55	\$317.38	\$330.77
4"	\$299.92	\$349.13	\$411.20	\$445.40	\$482.10	\$503.03
6"	\$577.08	\$676.44	\$799.72	\$867.20	\$939.66	\$981.52
8"	\$909.67	\$1,069.22	\$1,265.94	\$1,373.37	\$1,488.73	\$1,555.71
10"	\$1,353.12	\$1,592.92	\$1,887.56	\$2,048.26	\$2,220.83	\$2,321.29

Table 3-7 shows the current and proposed Bi-Monthly Capital Improvement Charge for each meter connection size. The Capital Improvement Charge is increased to provide additional funds to complete the CIP. However, even at the proposed FY 27/28 charges, the Capital Improvement Charge does not fully fund the CIP; a portion of the other water rate revenues will also provide the needed revenue. This is evidenced by the continued transfers from Fund 601 (Water Operations) to Fund 603 (Water Replacement), and by the use of revenue bond proceeds in Fund 602 (Water Capital) (see Tables 2-10 and 2-11).

Table 3-7: Proposed Bi-Monthly Capital Improvement Charge

Meter Size	Current	Proposed Bi-Monthly Capital Improvement Charge				
		1/1/2024	1/1/2025	1/1/2026	1/1/2027	1/1/2028
5/8 x 3/4"	\$7.00	\$7.45	\$7.92	\$8.43	\$8.97	\$9.20
1"	\$17.50	\$18.62	\$19.81	\$21.08	\$22.43	\$22.99
1-1/2"	\$35.00	\$37.24	\$39.62	\$42.16	\$44.85	\$45.98
2"	\$56.00	\$59.58	\$63.39	\$67.45	\$71.77	\$73.56
3"	\$112.00	\$119.16	\$126.79	\$134.90	\$143.53	\$147.12
4"	\$175.00	\$186.19	\$198.10	\$210.78	\$224.27	\$229.88
6"	\$350.00	\$372.37	\$396.21	\$421.56	\$448.54	\$459.76
8"	\$560.00	\$595.80	\$633.93	\$674.50	\$717.67	\$735.61
10"	\$840.00	\$893.70	\$950.89	\$1,011.75	\$1,076.50	\$1,103.41

Table 3-8 shows the proposed Commodity Delivery Charges. The proposed charges retain the existing two-tiered rate structure. The proposed Commodity Delivery Charges do not include future increases in water supply costs from MWD and OCWD. These future increases will be recovered through annual Commodity Delivery Charge pass-through adjustments.

Table 3-8: Proposed Commodity Delivery Charges

	Current	Proposed Commodity Delivery Charges				
		1/1/2024	1/1/2025	1/1/2026	1/1/2027	1/1/2028
Tier 1	\$3.26	\$3.40	\$3.53	\$3.83	\$4.14	\$4.27
Tier 2	\$4.80	\$5.29	\$5.67	\$5.84	\$6.02	\$6.10

Tier 1 is based on the cost of locally produced groundwater. Tier 2 is based on the cost of locally produced ground water and imported water. Additional detail on rate tier calculations is included in Appendix C. Table 3-9 defines the amount of water in the first tier, for each meter connection size. The amount of water included in Tier 1 is unchanged from current City Ordinance. The proposed rate structure is intended to be consistent with the requirements of Proposition 218.

Table 3-9: Tier 1 Water Use Allowance

Meter Size (inches)	Bi-Monthly Water Use Included in Tier 1, hcf
5/8 x 3/4"	33
1"	83
1-1/2"	165
2"	264
3"	528
4"	825
6"	1,650
8"	2,640
10"	3,960

Table 3-10 shows the proposed Private Fire Service rates. These rates recover costs associated with transmission, distribution and storage that are related to providing fire protection services to private fire service connections.

Table 3-10: Proposed Private Fire Service Rates

Meter Size	Current	Proposed Private Fire Service Rates				
		1/1/2024	1/1/2025	1/1/2026	1/1/2027	1/1/2028
1-1/2"	\$2.99	\$3.42	\$3.84	\$4.09	\$4.35	\$4.46
2"	\$6.38	\$7.28	\$8.18	\$8.70	\$9.26	\$9.49
3"	\$18.55	\$21.16	\$23.77	\$25.29	\$26.91	\$27.58
4"	\$39.51	\$45.09	\$50.67	\$53.91	\$57.36	\$58.79
6"	\$114.76	\$130.97	\$147.17	\$156.59	\$166.61	\$170.78
8"	\$244.55	\$279.09	\$313.62	\$333.69	\$355.05	\$363.93
10"	\$439.79	\$501.90	\$564.01	\$600.11	\$638.52	\$654.48

3.3 Senior CARE Discount

The Division currently has a Low-Water User Discount in place. Currently, customers that use 3 hcf or less per month, or 6 hcf or less per billing period, only pay the minimum charge. They do not pay the Commodity Charge or the Capital Improvement Fee. The Low-Water User Discount program will be discontinued upon the effective date of the revised rate ordinance, if adopted by Council.

The Division has a Low-Income/Senior Discount, now called the Senior CARE Discount, intended to partially mitigate the financial impacts of the higher fixed charges. This proposed discount program has the following eligibility criteria:

1. Resident must live at the billing address.
2. The water bill must be in the resident's name.
3. The resident must be 65 years of age or older.
4. The resident must be enrolled in Southern California Edison's CARE program.

The Senior CARE Discount is \$10 per billing period. This program is funded using non-rate revenues, such as late fees. The FY 22/23 budget has \$170,000 in the budget for the Senior CARE Discount.

Section 4

Example Bi-Monthly Water Bill Comparison

4.1 Introduction

In this Section, example Bi-Monthly Water Bills are shown for the typical single-family household consuming 11 hcf per month, or 22 hcf per billing period. Bi-monthly water bills are also shown for an example 50-unit multi-family property using 18 hcf per unit per billing period, and an example commercial connection with a 2" meter, consuming 500 hcf per bi-monthly billing period.

A Bi-Monthly water bill includes a Bi-Monthly minimum charge, a Capital Improvement Charge, plus a Commodity Delivery Charge. All example bills are shown using the proposed rate schedules in Section 3. Table 3-6, Proposed Bi-Monthly Minimum Charges, Table 3-7 Proposed Bi-Monthly Capital Improvement Charge, and Table 3-8, Proposed Commodity Delivery Charges. Table 3-9 Define Amount of Water in First Tier is also used to show the number of hcf to be included in the first tier, per bi-monthly billing period.

4.2 Example Bi-Monthly Bills

Table 4-1 shows the proposed Bi-Monthly bill that includes the Bi-Monthly Minimum Charge, Capital improvement Charge, and Commodity Delivery Charges, for a typical 5/8"x 3/4" meter connection. These example bills do not include future Commodity Delivery Charge pass-through adjustments.

Table 4-1. Proposed Rate Structure for a Typical 5/8"x 3/4" Meter

	Current	Single-Family Residence, 22 hcf Bi-Monthly Water Use Proposed Bi-Monthly Water Bill				
		1/1/2024	1/1/2025	1/1/2026	1/1/2027	1/1/2028
Bi-Monthly Minimum Charge	\$33.85	\$35.10	\$38.23	\$40.47	\$42.84	\$43.68
Commodity Delivery Charge	\$71.72	\$74.80	\$77.66	\$84.26	\$91.08	\$93.94
Capital Improvement Charge	\$7.00	\$7.45	\$7.92	\$8.43	\$8.97	\$9.20
Total	\$112.57	\$117.34	\$123.81	\$133.16	\$142.89	\$146.81
% Increase		4.2%	5.5%	7.5%	7.3%	2.7%

Table 4-2 shows an example water bill for a 50-unit multi-family building with a 3" meter, using 18 hcf per unit per bi-monthly billing period.

Table 4-2. Example Water Bill for a 3" Meter, 18 hcf Bi-Monthly use per unit, 50 Unit Multi-Family

	Current	Multi-Family 50 Units, 3" Meter, 18 hcf Bi-Monthly Water Use Proposed Bi-Monthly Water Bill				
		1/1/2024	1/1/2025	1/1/2026	1/1/2027	1/1/2028
Bi-Monthly Minimum Charge	\$200	\$231	\$271	\$294	\$317	\$331
Commodity Delivery Charge	\$3,507	\$3,763	\$3,973	\$4,195	\$4,425	\$4,524
Capital Improvement Charge	\$112	\$119	\$127	\$135	\$144	\$147
Total	\$3,819	\$4,114	\$4,371	\$4,623	\$4,886	\$5,002
% Increase		7.7%	6.3%	5.8%	5.7%	2.4%

Table 4-3 shows an example water bill for a commercial customer with a 2" meter, consuming 500 hcf per bi-monthly billing period.

Table 4-3: Water Bill Comparisons: Commercial Customer, 2" Meter, 500 hcf Bi-Monthly Water Use

	Current	Example Commercial, 2" Meter, 500 hcf Bi-Monthly Water Use Proposed Bi-Monthly Water Bill				
		1/1/2024	1/1/2025	1/1/2026	1/1/2027	1/1/2028
Bi-Monthly Minimum Charge	\$111	\$127	\$147	\$159	\$171	\$178
Commodity Delivery Charge	\$1,630	\$1,700	\$1,765	\$1,915	\$2,070	\$2,135
Capital Improvement Charge	\$56	\$60	\$63	\$67	\$72	\$74
Total	\$1,797	\$1,886	\$1,975	\$2,141	\$2,313	\$2,386
% Increase		4.9%	4.7%	8.4%	8.0%	3.2%

4.3 Comparison with Other Utilities

To be included in the next draft

Figure 4-1 shows a comparison of bi-monthly water bills for Garden Grove and six other local utilities. The utilities used in the comparison are Golden State Water Company in west Orange County, City of Westminster, Fountain Valley, City of Orange, Anaheim, and Santa Ana.

This graph shows the bi-monthly water bill for a single-family residence with a 5/8" x 3/4" water meter, at monthly consumption ranging from 0 to 60 hcf/billing period. This graph shows that Garden Grove's water rates are in the middle of the pack, compared with these six other utilities.

Figure 4-1 shows proposed water bills effective in January 2024, including the proposed 1/1/24 Garden Grove rate structure. Proposed water bills beyond 2024 are not shown in Figure 4-1. This is because it can be misleading to compare future rates with other utilities' current rates. Additional information regarding the other utilities' rates is found in the paragraphs below Figure 4-1.

The six neighboring utilities all periodically review and update their water rate schedules. Specifics regarding each of the utilities are:

- Anaheim. Water service is provided by the Anaheim Public Utilities. Anaheim's published rate schedules contain rates that were adopted in 2019 with rate increases approved for each year through 2023. The City's website does not contain adopted rate increases beyond 2023.
- Fountain Valley. Water service is provided by the City of Fountain Valley. In 2018, the City adopted a five-year schedule of rates with rate increases effective through 2022. The current water rates have been effective since July 1, 2022.
- Orange. Water service is provided by the City of Orange. In 2023, the City completed a Water Rate Study and adopted a five-year schedule of rates through 2027. The rates effective 1/1/24 are shown in Figure 4-1. Additional 4 percent annual revenue increases through 2027 are incorporated into the adopted rate schedule.
- Santa Ana. Water service is provided by the City of Santa Ana. In 2019, the City of Santa Ana adopted a five-year schedule of rates with rate increases through 7/1/23.
- Stanton. Water service is provided by Golden State Water, and water rates are regulated by the California Public Utilities Commission (PUC). In 2023, the PUC approved the current rates. In 2023, Golden State Water submitted a General Rate Case for proposed rates effective in 2025, 2026, and 2027.
- Westminster. Water service is provided by the City of Westminster. In 2021, the City adopted a five-year schedule of rates that contains rate increases through 2025. The rates effective 1/1/24 are shown in Figure 4-1. On 1/1/25, water rates will increase approximately 6 percent.

Based on the dates of the rate structure adoption from the surrounding utilities, many of the neighboring utilities likely have not yet fully incorporated the costs of PFAS treatment into their rates. The Cities of Anaheim, Orange,

Santa Ana, and Westminster have a pass-through adjustment procedure similar to Garden Grove's Commodity Delivery Charge Pass-Through Adjustment.

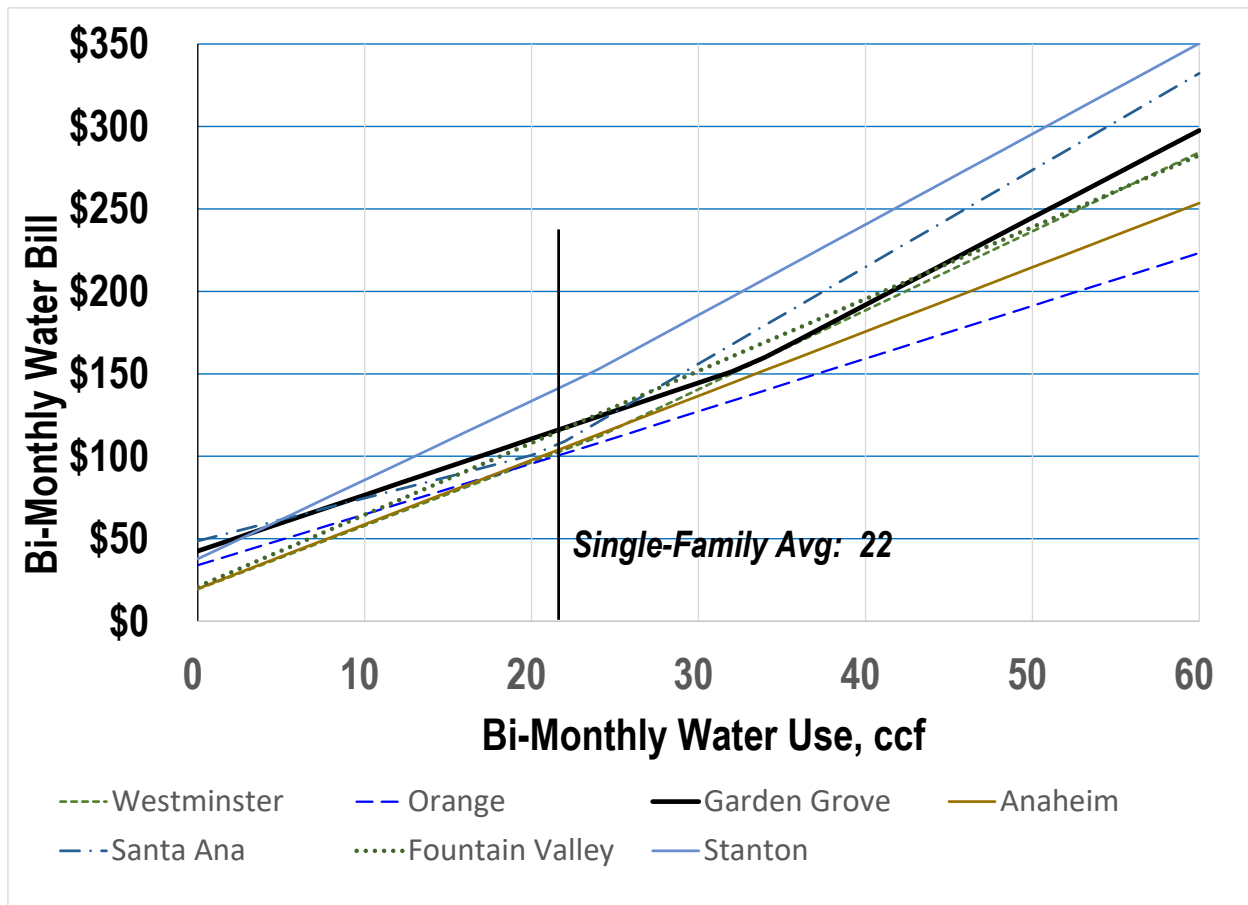


Figure 4-1: Water Bill Comparison of Local Utilities

Section 5

Ongoing Considerations

This Rate Study and the projected rate schedule shown in Section 3 cover a Rate Study planning period through FY 27/28. There are a number of factors that will change over the next few years that have financial implications. The extent to which these factors change will influence the financial condition of the water system and the Division's next review of water rates.

The Department should continue to monitor its financial status on an ongoing basis, and should continue to monitor the following:

- Water consumption patterns. Financial projections are based on an overall water demand of 19,773 acre-feet per year. Changes in water demand patterns will affect revenues and the overall financial condition of the utility. If water demands differ from 19,773 acre-feet per year, the Division will need to make appropriate adjustments to capital project scheduling, debt issuance, and/or rates.
- Customer growth. This Rate Study assumes no customer growth through FY 27/28. Customer growth increases the size of the customer base and customer growth would result in higher rate revenues.
- Changes in regional water supply availability and pricing. The proposed Commodity Delivery Charges do not incorporate future increases in the cost of purchased water and increases in OCWD's Replenishment Assessment associated with locally produced groundwater. The Division will need to monitor these costs and continue to adjust the Commodity Delivery Charge Pass Through Adjustment on an annual basis.
- Capital project cost certainty. The Capital Improvement Plan contains estimates of future project costs. The actual costs will not be known until the projects are designed, bid, and built.
- PFAS O&M. As the Division gains experience with operating the PFAS treatment facilities, it will be better able to project ion exchange resin changeout schedules. The actual ion exchange resin changeout schedules may result in PFAS O&M costs that differ from what is projected in this rate study.
- Inflation rates. The projected rates are based on a 2.5 percent annual inflation rate for most items, and a 4.0 percent annual inflation rate for salaries and wages. Deviations in inflation rates from these values will have financial implications.
- Senior CARE Program participation. The Division will need to monitor the participation rate and make appropriate adjustments (if needed) to the amount of the discount and/or the funding source.

Section 6

Appendix A: Revenue Requirement

FINAL
City of Garden Grove Water Services Department
2023 Water Rate Study
OCTOBER 2023

Appendix A - Revenue Requirement

Table A-1	General Assumptions and Parameters
Table A-2	Metered Water Production, Water Consumption and Connection Data
Table A-3	Adopted Water Rates per Ordinance 2890
Table A-4	Projected Water Costs Using FY 23/24 OCWD and MWD Costs
Table A-5	Projected Increases in Water Costs to be Recovered from Future Pass-Through Adjustments
Table A-6	Projected O&M Expenditures, Excluding Water Production Costs and Water Use Objectives Compliance Costs
Table A-7	Existing and Future Debt Service
Table A-8	Water Utility Operating Statement
Table A-9	Revenue Calculations
Table A-10	Capital Improvement Plan

Appendix B - Cost of Service

Table B-1	Water System Cost-of-Service Analysis, FY 23/24 - Functionalization Factors
Table B-2	Not Used
Table B-3	Water System Cost-of-Service Analysis - Functionalization of Phase 1 CIP
Table B-4	Water System Cost-of-Service Analysis, FY 17/18 - Functionalization of Debt Service Payments
Table B-5	Water System Cost-of-Service Analysis, FY 23/24 - Functionalization of O & M Expenses Net of PFAS O&M, City Admin, and Street Damages
Table B-6	Water System Cost-of-Service Analysis, FY 23/24 - Functionalization of Rate Revenue Requirement
Table B-7	Water Cost-of-Service Analysis - Allocation Factors
Table B-8	Water Cost-of-Service Analysis - Allocation of Rate Revenue Requirement
Table B-9	Water Cost-of-Service Analysis - Re-Allocate Public Fire Protection Costs
Table B-10	Identification of Costs to be Included in Rate Tier Calculations
Table B-11	Supporting Calculations for Cost-of-Service Analysis

Appendix C - Rate Design

Table C-1	Rate Design Calculations
-----------	--------------------------



Table A-1
City of Garden Grove Water Services Department
2023 Water Rate Study

General Assumptions and Parameters

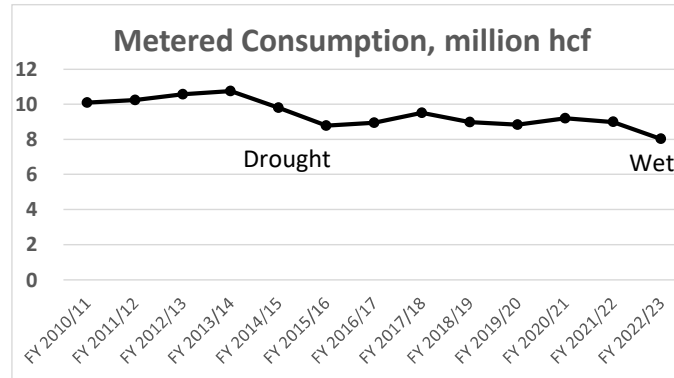
Line

No	General Assumptions and Parameters							
1	Round	-1						
2								
3								
4		FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	Notes
5	General Inflation	4.0%	0.0%	4.0%	2.5%	2.5%	2.5%	1
6	Salaries and Wages Escalation	4.0%	0.0%	4.0%	4.0%	2.5%	2.5%	1, 2
7	CIP Escalation	5.0%	0.0%	4.0%	2.5%	2.5%	2.5%	1
8	Interest Income Percentage		0.65%	0.65%	0.65%	0.65%	0.5%	3
9								
10	Notes:							
11	(1) Federal OMB inflation projections developed March 2023 project approximately 4% inflation in 2024, and							
12	subsequent reductions to approximately 2.5%.							
13	(2) The City has MOUs in place with all labor groups through FY 25/26 that have an approximate average annual 4% increase in salary							
14	and benefits costs. Source: City staff, 10/25/22.							
15	(3) Based on the interest income in the City's FY 22/23 budget (\$151,683) divided by the projected 6/30/23 combined							
16	601, 602, and 603 Fund Balance of approximately \$40M, plus 0.25% to acknowledge increased interest rates since the FY 22/23 budget was prepared.							
17								
18								
19	Water Supply in Acre-feet, per Fiscal Year		Use in 2022 Revenue Requirement Update					
20	FY 23/24	19,773	Projected supply. Based on actual Calendar Year 2022 data.					
21	FY 24/25 and subsequent years	19,773	Projected supply. Based on actual Calendar Year 2022 data.					
22								
23								
24	Intercity Loan Repayment							
25	Repayment Period (Years)	15						
26								
27								
28	Debt Issuance Terms							
29	Revenue Bond							
30	Annual Interest Rate (%)	5.0%						
31	Repayment Period (Years)	30						
32	Capitalized Bond Reserve (% of Proceeds)	8.75%						
33	Cost of Issuance (%)	2.0%						

Table A-2
City of Garden Grove Water Services Department
2023 Water Rate Study

Historical Metered Consumption by Fiscal Year

FY	Metered Consumption, million hcf
FY 2010/11	10.1
FY 2011/12	10.2
FY 2012/13	10.6
FY 2013/14	10.8
FY 2014/15	9.8
FY 2015/16	8.8
FY 2016/17	8.9
FY 2017/18	9.5
FY 2018/19	9.0
FY 2019/20	8.8
FY 2020/21	9.2
FY 2021/22	9.0
FY 2022/23	8.0



Calendar Year 2022 and 2023 (YTD) Metered Consumption

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
2022	638,134	630,867	733,436	741,714	792,211	789,374	833,033	826,200	763,598	819,056	633,123	595,543
2023	578,764	509,035	578,541	609,587	668,150	615,863						

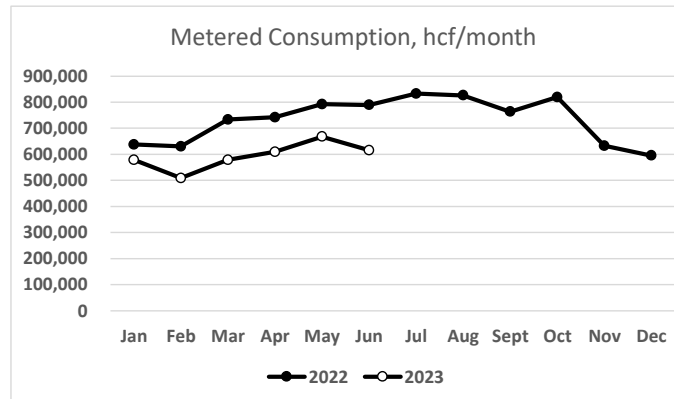


Table A-2
City of Garden Grove Water Services Department
2023 Water Rate Study

Water Consumption Data by Customer Class, Calendar Year 2022

Category	2022 January	2022 February	2022 March	2022 April	2022 May	2022 June	2022 July	2022 August	2022 September	2022 October	2022 November	2022 December	Total
Agriculture	37	61	78	100	103	117	127	134	124	72	70	37	1,060
Car wash	1,184	1,193	1,363	1,456	1,616	1,981	2,409	2,244	1,884	1,394	1,126	967	18,817
Church	1,721	1,615	2,093	2,288	2,603	2,803	2,696	2,496	2,385	2,207	1,682	1,491	26,080
Commercial	83,164	80,772	91,197	89,180	93,322	90,048	94,488	94,222	91,926	191,447	84,302	83,523	1,167,591
Duplex	4,236	3,849	4,239	4,163	4,323	4,418	4,662	4,724	4,384	4,358	3,947	3,953	51,256
Hospital	4,037	3,994	4,621	4,613	4,934	4,841	5,142	4,978	4,760	4,671	4,291	4,030	54,912
Hotel/Motel	19,996	19,748	22,555	22,544	24,651	24,712	25,746	24,603	24,372	24,068	22,449	20,972	276,416
Industrial	17,966	16,350	18,425	18,205	18,858	18,785	20,772	20,940	19,922	18,332	17,016	14,817	220,388
Landscape	16,219	19,750	24,902	26,350	29,630	30,418	31,385	30,655	27,285	23,793	18,524	14,268	293,179
Laundromat	2,857	2,541	2,766	2,668	2,739	2,491	2,436	2,417	2,377	2,481	2,619	2,765	31,157
Multi-unit	149,788	142,280	159,010	152,772	160,433	155,907	163,619	162,625	155,785	153,772	143,690	142,363	1,842,044
Private school	968	1,141	1,350	1,452	1,788	2,021	2,202	2,281	1,958	1,564	1,076	757	18,558
Public school	17,742	34,878	47,602	59,273	65,832	68,485	76,297	76,028	60,683	44,484	29,427	13,692	594,423
Public school other	785	1,024	1,536	2,150	2,432	2,613	2,684	2,533	2,043	1,521	1,027	511	20,859
Sewer/Septic	336	309	385	400	421	420	439	466	447	407	340	319	4,689
Single family home	316,617	300,919	350,816	353,649	378,208	379,433	397,933	394,754	363,403	344,923	301,814	291,114	4,173,583
Townhome	481	443	498	464	456	465	484	474	471	473	434	463	5,606
Total	638,134	630,867	733,436	741,727	792,349	789,958	833,521	826,574	764,209	796,870	633,834	596,042	8,777,521

Water Consumption Data by Customer Class, Calendar Year 2023

	2023 January	2023 February	2023 March	2023 April	2023 May	2023 June
Agriculture	27	27	32	59	79	36
Car wash	874	798	968	1,140	1,298	974
Church	1,333	1,056	1,208	1,397	1,601	1,459
Commercial	82,656	75,223	85,637	85,662	90,848	75,454
Duplex	3,823	3,401	3,731	3,688	4,020	3,193
Hospital	4,099	3,937	4,425	4,024	4,332	4,168
Hotel/Motel	21,442	18,346	21,136	21,583	23,278	24,913
Industrial	15,066	13,685	15,414	15,607	16,125	10,950
Landscape	11,901	9,650	11,349	14,956	18,475	16,748
Laundromat	2,861	2,551	2,824	2,663	2,761	2,303
Multi-unit	141,704	124,452	141,454	141,146	148,608	132,381
Private school	675	622	714	893	1,119	3,265
Public school	13,454	10,414	12,449	26,186	28,934	44,029
Public school other	529	454	558	1,075	1,140	1,633
Sewer/Septic	291	261	295	302	345	300
Single family home	277,557	243,741	275,868	288,734	324,701	293,652
Townhome	472	417	479	472	486	405
Total	578,764	509,035	578,541	609,587	668,150	615,863

Table A-2
City of Garden Grove Water Services Department
2023 Water Rate Study

91
92
93
94
95
96
97
98
99
100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122

Tier 1 and Tier 2 Consumption, FY 22/23

	Amount	% of Total
Tier 1 Revenue	\$18,879,901	
Tier 1 Unit Cost	\$3.26	
Tier 1 Consumption	5,791,381	73.54%
Tier 2 Revenue	9,999,982	
Tier 2 Unit Cost	5	
Tier 2 Consumption	2,083,330	26.46%
Total Consumption	7,874,710	100.00%

Total consumption is calculated based on revenues divided by the rate.
The revenue shown is for the entire FY 22/23.
The rate shown is effective 1/1/23, reflecting a pass through adjustment effective 1/1/23.
The rate applicable for the first half of FY 22/23 is not used in this calculation.
The calculation methodology will result in a lower consumption than actually occurred, but the ratio of Tier 1` to Tier 2 consumption should be reasonable.

July-Feb consumption as % of 12-Month Total (FY 22/23)

Use of this data in the model: data is used for revenue projections when rate increases occur in the middle of a fiscal year.

	Unadjusted for Conservation, ccf
Jul-Feb total	5,538,849
Fiscal Year total	8,010,990
Jul-Feb as % of FY	69.14%

Table A-2
City of Garden Grove Water Services Department
2023 Water Rate Study

Projected Metered Water Consumption: FY 23/24 - FY 27/28 = FY 22/23

	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Unadjusted for Conservation	8,010,990	8,010,990	8,010,990	8,010,990	8,010,990	8,010,990
Conservation Adjustment		0.00%	0.00%	0.00%	0.00%	0.00%
Adjusted for Conservation	8,010,990	8,010,990	8,010,990	8,010,990	8,010,990	8,010,990
% July-Feb	69.14%	69.14%	69.14%	69.14%	69.14%	69.14%
% Mar-June	30.86%	30.86%	30.86%	30.86%	30.86%	30.86%
% Tier 1	73.54%	73.54%	73.54%	73.54%	73.54%	73.54%
% Tier 2	26.46%	26.46%	26.46%	26.46%	26.46%	26.46%
July-Feb ccf						
Tier 1	4,073,457	4,073,457	4,073,457	4,073,457	4,073,457	4,073,457
Tier 2	1,465,342	1,465,342	1,465,342	1,465,342	1,465,342	1,465,342
Mar-June ccf						
Tier 1	1,818,150	1,818,150	1,818,150	1,818,150	1,818,150	1,818,150
Tier 2	654,042	654,042	654,042	654,042	654,042	654,042
Total	8,010,990	8,010,990	8,010,990	8,010,990	8,010,990	8,010,990

FY 22/23 Number of Water System Connections

FY 22/23 Connections Billed by Meter Size (1)				Number of Water Connections (FY 22/23 (Excludes Fire Service Connections))			
All Accounts		Fire Service		Meter		No. of Connections	
Meter size	Count	Connection Size (in)	No. of Connections	Size (in)	Excluding City	City	Total
None	4	None	0	None	4		
5/8"x3/4"	28,529	5/8"x3/4"	0	5/8"x3/4"	28,529		
1"	3,826	1"	0	1"	3,826		
1 1/2"	867	1 1/2"	3	1 1/2"	864		
2"	755	2"	26	2"	729		
3"	60	3"	3	3"	57		
4"	239	4"	114	4"	125		
6"	318	6"	262	6"	56		
8"	179	8"	177	8"	2		
10"	10	10"	10	10"	0		
Total	34,787	Total	595	Total	34,192		

Table A-2
City of Garden Grove Water Services Department
2023 Water Rate Study

	FY 22/23 Connections Billed By Meter Size									
Customer Class	None	5/8"x3/4"	1"	1 1/2"	2"	3"	4"	6"	8"	10"
Agriculture					1					
Car Wash				2	7					
Church		8	12	15	12	1	1			
Commercial		519	493	290	280	13	12	4		
Duplex		173	74	3						
Fire service				3	26	3	114	262	177	10
Hospital		1	1		4	2	3			
Hotel/Motel			2	1	8	1	6	10		
Industrial		65	83	86	50	3	6	2		
Landscape		23	96	94	146	6				
Laundromat			1	350	11					
Multi-unit		62	813	4	149	25	39	26		
Private school		1	4		5		2			
Public school				1	9	6	46	5		
Public school-FS					42		1	9	2	
Public school other							4			
Sewer/Septic		35	3	1	1					
Single family home	4	27,622	2,185	17	4		1			
Townhome		20	59				4			
Totals	4	28,529	3,826	867	755	60	239	318	179	10

(1) Source: City staff 3/27/2023

Table A-2
City of Garden Grove Water Services Department
2023 Water Rate Study

Historical Water Production, Acre Feet per Year

FY 19/20	21,979
FY 20/21	23,164
FY 21/22	22,105
Nov 21 - Oct 22	21,385
CY 22	21,385
FY 22/23	19,773

Actual Water Production, Calendar Year 2022

	Jan	Feb	Mar	Apr	May	Jun	2022 Jul	Aug	Sep	Oct	Nov	Dec	Total
Local Groundwater													
Non-PFAS wells (16, 20, 22, 25, 26, 2	971	752	723	446	283	981	643	673	943	381	555	805	8,158
Well 21	324	326	363	350	346	276	339	328	341	316	314	344	3,969
Lampson (Wells 23, 28, 31)	194	152	174	142	121	207	162	71	0	0	0	0	1,223
Well 30	0	0	0	1	0	8	68	304	30	51	295	284	1,040
Well 19	0	0	0	0	0	0	0	0	0	0	0	0	0
Well 29	0	0	1	11	0	0	0	0	0	0	0	0	12
Subtotal, Local Groundwater	1,490	1,230	1,261	951	750	1,472	1,212	1,377	1,314	749	1,164	1,434	14,403
Imported Water	19	295	530	761	1,233	515	859	713	637	1,028	368	24	6,982
Total Water Production	1,509	1,525	1,791	1,712	1,983	1,987	2,070	2,090	1,951	1,778	1,531	1,458	21,385
% of Water Production													
Local Groundwater	99%	81%	70%	56%	38%	74%	59%	66%	67%	42%	76%	98%	67%
Purchased	1%	19%	30%	44%	62%	26%	41%	34%	33%	58%	24%	2%	33%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Source: City, 4Q 2022

Table A-2
City of Garden Grove Water Services Department
2023 Water Rate Study

"Baseline" Water Production, FY 22/23, Prior to Conservation Adjustment

Use of this data in the model: this data is used to project water purchase, water production, and PFAs treatment expense projections.

Key assumptions:

1. July 2022 - June 2023 = Actual Production Data. (Source: City staff, 8/10/23)
2. Adjusted FY 22/23 Production = Actual FY 22/23 Production
3. Local Groundwater production adjusted to that annual total % Local Groundwater = 85%. (Source: City staff, 5/4/23)
4. Jan-Jun imported water = 0, to approximately match FY 22/23 actual.

253

254

255

256

257

258

259

260

261

262

263

264

265

266

267

268

269

270

271

272

273

274

275

	Jul	Aug	Actual 2022		Nov	Dec	Actual	Actual (1)
			Sep	Oct			Jan-Jun23	FY 22/23
Local Groundwater								
Non-PFAS (16, 20, 22, 25, 26, 27)	643	673	943	381	555	805	5,210	9,211
Well 21	339	328	341	316	314	344	1,772	3,755
Lampson (Wells 23, 28, 31)	162	71	0	0	0	0	23	257
Well 30	68	304	30	51	295	284	1,237	2,269
Well 19	0	0	0	0	0	0	0	0
Well 29	0	0	0	0	0	0	645	645
Subtotal, Local Groundwater	1,212	1,377	1,314	749	1,164	1,434	8,887	16,136
Imported Water	859	713	637	1,028	368	24	8	3,637
Total Water Production	2,070	2,090	1,951	1,778	1,531	1,458	8,895	19,773
% of Water Production								
Local Groundwater	59%	66%	67%	42%	76%	98%	99.9%	81.6%
Purchased	41%	34%	33%	58%	24%	2%	0.1%	18.4%
Total	100%	100%	100%	100%	100%	100%	100%	100%

Adjusted FY 22/23 Production so BPP = 85%

Prior to Conservation Adjustment		
Jul-Dec	Jan-Jun	Total
4,367	5,214	9,594
2,164	1,774	3,911
255	23	268
1,126	1,238	2,363
0	0	0
0	646	672
7,912	8,895	16,807
2,966	0	2,966
10,878	8,895	19,773
73%	100%	85%
27%	0%	15%
100%	100%	100%

Table A-2
City of Garden Grove Water Services Department
2023 Water Rate Study

Projected Water Production by Source

	FY 23/24			FY 24/25		
	2023	2024	Total	2024	2025	Total
	Jul - Dec	Jan - Jun	FY 23/24	Jul - Dec	Jan - Jun	FY 24/25
Conservation Adjustment	0%	0%	0%	0%	0%	0%
Local Groundwater (1) (2) (3)						
Non-PFAS wells	1,948	2,931	4,879	1,948	2,400	4,348
Well 21	1,637	1,637	3,273	1,637	1,637	3,273
Lampson (Wells 23, 28, 31)	1,831	1,831	3,662	1,831	1,831	3,662
Well 30	1,110	1,110	2,219	1,110	1,110	2,219
Well 19	0	0	0	0	532	532
Well 29	1,387	1,387	2,774	1,387	1,387	2,774
Subtotal, Local Groundwater	7,912	8,895	16,807	7,912	8,895	16,807
Imported Water	2,966	0	2,966	2,966	0	2,966
Total Water Production	10,878	8,895	19,773	10,878	8,895	19,773
% of Water Production						
Local Groundwater	73%	100%	85%	73%	100%	85%
Purchased	27%	0%	15%	27%	0%	15%
Total	100%	100%	100%	100%	100%	100%

Table A-2
City of Garden Grove Water Services Department
2023 Water Rate Study

	FY 25/26			FY 26/27 (2)			FY 27/28 (2)		
	2025 Jul - Dec	2026 Jan - Jun	Total FY 25/26	2026 Jul - Dec	2027 Jan - Jun	Total FY 26/27	2027 Jul - Dec	2028 Jan - Jun	Total FY 27/28
300									
301									
302									
303 Conservation Adjustment	0%	0%	0%	0%	0%	0%	0%	0%	0%
304									
305 Local Groundwater (1) (2) (3)									
306 Non-PFAS wells (16)	1,052	0	1,052	0	0	0	0	0	0
307 Well 21	1,637	1,637	3,273	1,470	1,467	2,938	1,470	1,467	2,938
308 Lampson (Wells 23, 28, 31)	1,831	1,831	3,662	1,553	1,553	3,107	1,553	1,553	3,107
309 Well 30	1,110	1,110	2,219	943	943	1,886	943	943	1,886
310 Well 19	555	555	1,110	444	444	888	444	444	888
311 Well 29	1,387	1,387	2,774	1,276	1,276	2,552	1,276	1,276	2,552
312 Well 22	0	610	610	610	610	1,221	610	610	1,221
313 Well 26	0	555	555	555	555	1,110	555	555	1,110
314 Well 27	0	610	610	610	610	1,221	610	610	1,221
315 Well 16 (no PFAs treatment)	0	0	0	0	0	0	0	0	0
316 Well 20	0	666	666	666	666	1,331	666	666	1,331
317 Well 25	0	277	277	277	277	555	277	277	555
318 Subtotal, Local Groundwater	7,570	9,237	16,807	8,405	8,402	16,807	8,405	8,402	16,807
319									
320 Imported Water	2,966	0	2,966	2,966	0	2,966	2,966	0	2,966
321									
322 Total Water Production	10,878	8,895	19,773	10,878	8,895	19,773	10,878	8,895	19,773
323									
324 % of Water Production									
325 Local Groundwater	70%	104%	85%	77%	94%	85%	77%	94%	85%
326 Purchased	27%	0%	15%	27%	0%	15%	27%	0%	15%
327 Total	97%	104%	100%	105%	94%	100%	105%	94%	100%

Notes:

(1) Source: City staff, 5/30/23. City data projects 18,177 AFY, based on a BPP of 85% and CY 2022 production of 21,385 AFY.

In August 2023, City staff provided direction that the Rate Study should be based on FY 22/23 production of 19,773 AF. The projected production from each source was reduced proportionally from the City's 5/30/23 data to match the lower production observed in FY 22/23.

In some years, non-PFAS well production adjusted to make half-year totals match FY 22/23 production data from groundwater and imported water.

(2) FY 26/27 and FY 27/28: 3 AF subtracted from Well 21 production to make resulting groundwater production = projected production with 85% BPP.

Table A-3
City of Garden Grove Water Services Department
2023 Water Rate Study

Adopted Water Rates per Ordinance 2890

Table A-3A
Adopted Bi-Monthly Minimum Charge

Line	Meter Size (inches)	Per Ordinance 2890 Without Any Subsequent Increases					
		1/1/23	1/1/24	1/1/25	1/1/26	1/1/27	1/1/28
1	5/8 x 3/4"	\$33.85	\$33.85	\$33.85	\$33.85	\$33.85	\$33.85
2	1"	\$50.48	\$50.48	\$50.48	\$50.48	\$50.48	\$50.48
3	1-1/2"	\$78.20	\$78.20	\$78.20	\$78.20	\$78.20	\$78.20
4	2"	\$111.45	\$111.45	\$111.45	\$111.45	\$111.45	\$111.45
5	3"	\$200.15	\$200.15	\$200.15	\$200.15	\$200.15	\$200.15
6	4"	\$299.92	\$299.92	\$299.92	\$299.92	\$299.92	\$299.92
7	6"	\$577.08	\$577.08	\$577.08	\$577.08	\$577.08	\$577.08
8	8"	\$909.67	\$909.67	\$909.67	\$909.67	\$909.67	\$909.67
9	10"	\$1,353.12	\$1,353.12	\$1,353.12	\$1,353.12	\$1,353.12	\$1,353.12

Table A-3B
Adopted Bi-Monthly Capital Improvement Charge

	Meter Size (inches)	Per Ordinance 2890 Without Any Subsequent Increases					
		1/1/23	1/1/24	1/1/25	1/1/26	1/1/27	1/1/28
10	5/8 x 3/4"	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00
11	1"	\$17.50	\$17.50	\$17.50	\$17.50	\$17.50	\$17.50
12	1-1/2"	\$35.00	\$35.00	\$35.00	\$35.00	\$35.00	\$35.00
13	2"	\$56.00	\$56.00	\$56.00	\$56.00	\$56.00	\$56.00
14	3"	\$112.00	\$112.00	\$112.00	\$112.00	\$112.00	\$112.00
15	4"	\$175.00	\$175.00	\$175.00	\$175.00	\$175.00	\$175.00
16	6"	\$350.00	\$350.00	\$350.00	\$350.00	\$350.00	\$350.00
17	8"	\$560.00	\$560.00	\$560.00	\$560.00	\$560.00	\$560.00
18	10"	\$840.00	\$840.00	\$840.00	\$840.00	\$840.00	\$840.00

Table A-3C
Adopted Commodity Delivery Charge, \$/hcf (5)

		Per Ordinance 2890 Without Any Subsequent Increases					
		1/1/23	1/1/24	1/1/25	1/1/26	1/1/27	1/1/28
19	Tier 1	\$2.86	\$2.86	\$2.86	\$2.86	\$2.86	\$2.86
20	Tier 2	\$4.40	\$4.40	\$4.40	\$4.40	\$4.40	\$4.40

Table A-3
City of Garden Grove Water Services Department
2023 Water Rate Study

Adopted Water Rates per Ordinance 2890

Table A-3D
Adopted and Pass-Through Charges

		Per Ordinance 2890 Without Any Subsequent Increases					
		1/1/23	1/1/24	1/1/25	1/1/26	1/1/27	1/1/28
21	All Tiers	\$0.40	\$0.40	\$0.40	\$0.40	\$0.40	\$0.40

Table A-3E
Units of Water Included in Tier 1 per Bi-Monthly Billing Period

	Meter Size (inches)	Max hcf Tier 1
22	5/8 x 3/4"	33
23	1"	83
24	1-1/2"	165
25	2"	264
26	3"	528
27	4"	825
28	6"	1,650
29	8"	2,640
30	10"	3,960

Table A-3F
Adopted 1/1/2019 Fire Service Rates

		Per Ordinance 2890 Without Any Subsequent Increases					
		1/1/23	1/1/24	1/1/25	1/1/26	1/1/27	1/1/28
31	1 1/2"	\$2.99	\$2.99	\$2.99	\$2.99	\$2.99	\$2.99
32	2"	\$6.38	\$6.38	\$6.38	\$6.38	\$6.38	\$6.38
33	3"	\$18.55	\$18.55	\$18.55	\$18.55	\$18.55	\$18.55
34	4"	\$39.51	\$39.51	\$39.51	\$39.51	\$39.51	\$39.51
35	6"	\$114.76	\$114.76	\$114.76	\$114.76	\$114.76	\$114.76
36	8"	\$244.55	\$244.55	\$244.55	\$244.55	\$244.55	\$244.55
37	10"	\$439.79	\$439.79	\$439.79	\$439.79	\$439.79	\$439.79

Table A-4
City of Garden Grove Water Services Department
2023 Water Rate Study

Projected Water Costs Using FY 23/24 OCWD and MWD Costs

Summary of Projected Annual Costs

Component of Water Costs	Estimated FY 23/24	Estimated FY 24/25	Estimated FY 25/26	Estimated FY 26/27	Estimated FY 27/28	Note
1 PFAS O&M Cost	\$2,872,745	\$4,677,169	\$5,554,594	\$11,165,129	\$11,444,257	
2 Garden Grove Pumping Costs	\$1,111,256	\$1,155,706	\$1,184,599	\$1,214,214	\$1,244,569	
3 Natural Gas	\$289,311	\$300,884	\$308,406	\$316,116	\$324,019	
4 WOCWB Shared Water Transmission Lines	\$47,208	\$47,208	\$49,096	\$50,324	\$51,582	
5 OCWD Replenishment Assessment	\$10,487,623	\$10,487,623	\$10,487,623	\$10,487,623	\$10,487,623	1
6 MWD Tier 1 Treated Water Rate	\$3,585,842	\$3,585,842	\$3,585,842	\$3,585,842	\$3,585,842	1
7 MWD Readiness to Serve Charge	\$541,486	\$541,486	\$541,486	\$541,486	\$541,486	1
8 MWD Capacity Charge	\$207,834	\$207,834	\$207,834	\$207,834	\$207,834	1
9 MWD Connection Charge	\$492,275	\$492,275	\$492,275	\$492,275	\$492,275	1
10 MWDOC Choice Programs	\$28,734	\$28,734	\$28,734	\$28,734	\$28,734	1
11 OCWD Reimbursement	<u>(166,293)</u>	<u>(\$986,920)</u>	<u>(\$1,072,147)</u>	<u>(\$1,389,694)</u>	<u>(\$1,519,503)</u>	2
12 Total	\$19,498,021	\$20,537,840	\$21,368,342	\$26,699,882	\$26,888,717	

14 Projected Supply, Acre-Feet 19,773 19,773 19,773 19,773 19,773

16 Note:

17 (1) FY 23/24 OCWD, MWD, and MWDOC costs used in this table. Increases in subsequent years will be recovered from future pass-through adjustments.

18 (2) FY 23/24 from City staff, 6/13/23.

Key Assumptions

Projected Water Supply	Groundwater	Imported	Total	
23 Projected FY 23/24, unadjusted	16,807	2,966	19,773	Note 1
24 Conservation adjustment	0.00%	0.00%	0.00%	N/A
25 Projected FY 23/24, adjusted	16,807	2,966	19,773	acre-feet
26 Compare with Calendar Year 2022			21,385	acre-feet
27 Compare with Actual FY 21/22			22,105	acre-feet
28 Compare with actual FY 20/21			23,164	acre-feet
29 Compare with actual FY 19/20			21,979	acre-feet
30 Compare with Projected in 2018 Rate Study			23,000	(3,227) -0.14030242

31 Notes:

32 (1) Projected total FY 23/24 total production = actual FY 22/23 production, adjusted for 85% BPP. See Table A2.

PFAS Treatment Facilities Startup Dates

35 Well 21 start up date: December 1, 2021

36 Well 30 start up date: July 26, 2022

37 Well 29 start up date: 4/15/23. No IX change out in first year of operation.

38 Lampson (Wells 23, 28, 31) start up date: 7/1/23. No IX change out in first year of operation.

39 Well 19 projected start up date: 2025 (1/1/25 for this analysis, per City well production projections received 5/30/23). No IX change out in first year of operation.

40 Start up dates for treatment facilities for proposed MCL: 2026 (1/1/26 for this analysis). No IX change out in first year of operation.

41 Source of start up dates: City staff 5/30/23, embedded in well production projections.

Table A-4
City of Garden Grove Water Services Department
2023 Water Rate Study

Projected Water Costs Using FY 23/24 OCWD and MWD Costs

City's Pumping Costs and Other PFAS O&M Costs

Pumping costs, excluding PFAS: Unit cost, \$/AF from FY 22/23 year to date through March 2023
Increased power cost for each well site when PFAS treatment is operational \$15.00 Source: derived from efficiency test on Well 19 (source: City staff 5/12/22)
Ion Exchange Pre-Filters \$225,000 per year, covers four initial PFAS facilities. FY 23/24 Dollars.
Ion Exchange resin changeouts and carbon change out costs, per City, 5/30/23. Based on annual resin and carbon changeouts.
Limited operating experience shows that ion exchange resin changeout may be less frequent than annually, and costs in this analysis are overstated.

OCWD Replenishment Assessment (RA) Costs Note not Updated 2023

OLD Source of FY 22/23 RA: April 20, 2022 Orange County Water District Budget Overview (page 2), received 9/28/22 from City staff.

MWD Costs Note not updated 2023

Imported Water Charges per MWD's adopted rates and MWD's 10-Year Financial Forecast.
Source of FY 22/23 Readiness to Serve Charge: MWDOC Resolution 2126, Exhibit A.
Capacity Charge Source: FY 21/22 from City 5/24 (via MWDOC draft 4/6/21).
Connection Charge Source: MWDOC Invoice, dated 7/7/22, received from City staff on 10/17/22. The Connection Charge equals the number of connections times

Detailed Cost Calculations FY 21/22 and FY 22/23

	FY 21/22 Actual			FY 22/23 Projected, Based on Actual AF Data			
	Jul-Dec 21	Jan-Jun 22	Entire FY	Jul-Dec 22	Jan-Jun 23	Entire FY	Notes
Actual Costs, FY 21/22							
OCWD Replenishment Assessment							
Unit Cost, \$/AF			\$507.00			\$558.00	1
Groundwater Production, AF			16,809			16,807	
Total Replenishment Assessment			\$8,522,023			\$9,378,355	
MWD Tier 1 Treated Water Rate, \$/AF							
MWD Tier 1 Treated Water Rate, \$/AF	\$1,104.00	\$1,143.00		\$1,143.00	\$1,209.00		2
Imported Water, AF	1,943	3,354		3,629	8		3
Total Imported Water Cost	\$2,145,080	\$3,833,288	\$5,978,368	\$4,147,503	\$9,703	\$4,157,206	
Other MWD Charges							
MWD Readiness to Serve Charge			\$433,229			\$499,167	4
MWD Capacity Charge			\$236,147			\$202,765	5
MWD Connection Charge			\$443,118			\$468,834	6, 7
Number of Connections			34,086			34,097	6, 7
Cost per Connection			\$13			\$13.75	6, 7
MWDOC Choice Programs			\$16,041			\$28,734	8
Pumping Costs, \$/year			\$1,123,399			\$1,168,261	9
Pumping Costs, \$/AF			\$66.83			\$69.51	9
Natural Gas Costs, \$/year			\$174,368			\$181,343	10
PFAS O&M Costs			\$111,166				11

Table A-4
City of Garden Grove Water Services Department
2023 Water Rate Study

Projected Water Costs Using FY 23/24 OCWD and MWD Costs

88 Notes:

- 89 (1) FY 22/23 Source: April 20, 2022 Orange County Water District Budget Overview (page 2), received 9/28/22 from City staff.
 90 (2) Imported Water Charges per MWD's adopted rates and MWD's 10-Year Financial Forecast. The MWD Ten-Year Financial Forecast is contained in the MWD 2022/23 and 2023/24 Biennial Budget, page 221.
 91 (3) Placeholders. Groundwater production volumes from Jul-Dec and Jan-Jun to be reviewed and modified during Rate Study.
 92 (4) FY 22/23 Source: MWDOC Resolution 2126, Exhibit A.
 93 (5) FY 22/23 Source: CY 2023 cost per 4/20/22 MWDOC Ordinance 2126, Exhibit B.
 94 (6) The Connection Charge equals the number of connections times the MWDOC Retail Meter Charge. FY 22/23 Source of Retail Meter Charge: MWDOC Invoice, dated 7/7/22, received from City staff on 10/17/22.
 95 (7) Number of connections for FY 22/23 is from City staff, 10/17/22.
 96 (8) MWD Choice Programs include Water Use Efficiency and School Education programs. FY 22/23 cost per MWDOC Resolution 2126, Exhibit C.
 97 (9) FY 21/22 \$/year per City's financial records. FY 21/22 \$/AF calculated by dividing pumping costs by groundwater production. FY 22/23 \$/AF calculated
 98 by increasing FY 21/22 \$/AF cost by inflation rate. FY 22/23 \$/year calculated by multiplying FY 22/23 \$/AF cost by projected groundwater production
 99 (10) FY 21/22 \$/year per City's financial records. FY 22/23 \$/year = FY 21/22 \$/year escalated for inflation
 100 (11) FY 21/22 Source: City staff via email, 9/28/22. FY 22/23 calculation is shown below.

101

102 **FY 22/23 YTD Electricity and Natural Gas Unit Costs**

	<u>FY 22/23 YTD</u>
104 YTD (Jul - Mar) Electricity Costs	\$738,972
105 YTD (Jul - Mar) Groundwater Production in AF	11,177
106 Electricity Unit Costs in Dollars/AF	\$66.12
107	
108 YTD (Jul - Mar) Natural Gas Costs	\$192,389
109 YTD (Jul - Mar) Groundwater Production in AF	11,177
110 Natural Gas Unit Costs in Dollars/AF	\$17.21

111

112

113 **FY 23/24 PFAS O&M Cost and Reimbursement Calculation**

	Well 21	Well 29	Well 30	Lampson	Total	Notes
116 Startup Date	12/1/2021	4/12/2023	7/26/2022	7/1/2023		
117 Months Operating FY 23/24	12	12	12	12		
118						
119 Prefilters (Cartridges)	\$28,957	\$33,311	\$22,207	\$72,393	\$156,868	1
120 IX Change Out	\$742,600	\$1,004,880	\$529,300		\$2,276,780	1
121 Labor						2
122 Power	\$49,097	\$41,608	\$33,286	\$54,923	\$178,914	3
123 Analytical (monthly sample)	\$1,200	\$1,200	\$1,200	\$1,200	\$4,800	1
124 Maintenance Cost						
(x% of equipment Cost)	\$6,750	\$13,500	\$20,250	\$6,750	\$47,250	1
125 O&M Contingency (%of sub total)	\$39,628	\$56,300	\$67,245	\$44,960	\$208,133	1
126 Total	\$868,232	\$1,150,799	\$673,489	\$180,226	\$2,872,745	
127						
128 Production Volume, AF	3,273	2,774	2,219	3,662	11,928	4
129 O&M Cost, \$/AF					\$240.85	
130 50% of O&M Cost, \$/AF					\$120.42	
131 Maximum Unit Cost Eligible for Reimbursement, \$/AF					\$82.74	5
132 Reimbursable Amount, \$, Payable in FY 24/25					\$986,920	

Table A-4
City of Garden Grove Water Services Department
2023 Water Rate Study

Projected Water Costs Using FY 23/24 OCWD and MWD Costs

133 FY 24/25 PFAS O&M Cost and Reimbursement Calculation

	Well 21	Well 29	Well 30	Lampson	Well 19	Total	Notes
135 Startup Date	12/1/2021	4/12/2023	7/26/2022	7/1/2023	1/1/2025		
137 Months Operating FY 24/25	12	12	12	12	6		
139 Prefilters (Cartridges)	\$30,115	\$34,643	\$23,095	\$75,289		\$163,143	1
140 IX Change Out	\$772,304	\$1,045,075	\$550,472	\$1,478,880		\$3,846,731	1
141 Labor						\$177,600	2
142 Power	\$51,061	\$43,272	\$34,618	\$57,119	\$8,294	\$194,365	3
143 Analytical (monthly sample)	\$1,248	\$1,248	\$1,248	\$1,248	\$624	\$5,616	1
144 Maintenance Cost (x% of equipment Cost)	\$7,020	\$14,040	\$21,060	\$7,020	\$3,510	\$52,650	1
145 O&M Contingency (%of sub total)	\$41,213	\$58,552	\$69,935	\$46,758	\$20,606	\$237,064	1
146 Total	\$525,550	\$589,695	\$344,560	\$857,820	\$342,153	\$4,677,169	
148 Production Volume, AF	3,273	2,774	2,219	3,662	532	12,459	4
149 O&M Cost, \$/AF						\$375	
150 50% of O&M Cost, \$/AF						\$188	
151 Maximum Unit Cost Eligible for Reimbursement, \$/AF						\$86.05	5
152 Reimbursable Amount, \$, Payable in FY 25/26						\$1,072,147	

155 FY 25/26 PFAS O&M Cost and Reimbursement Calculation

	Well 21	Well 29	Well 30	Lampson	Well 19	Well 22	Well 26	Well 27	Well 20	Well 25	Total	Notes
157 Startup Date	12/1/2021	4/12/2023	7/26/2022	7/1/2023	1/1/2025	1/1/2026	1/1/2026	1/1/2026	1/1/2026	1/1/2026		
159 Months Operating FY 25/26	12	12	12	12	12	6	6	6	6	6		
161 Prefilters (Cartridges)	\$30,868	\$35,509	\$23,673	\$77,171	\$20,315						\$187,536	1
162 IX Change Out	\$791,612	\$1,071,202	\$564,234	\$1,515,852	\$450,545						\$4,393,444	1
163 Labor											\$171,995	2
164 Power	\$52,338	\$44,354	\$35,483	\$58,547	\$17,742	\$9,758	\$8,871	\$9,758	\$10,645	\$4,435	\$251,931	3
165 Analytical (monthly sample)	\$1,279	\$1,279	\$1,279	\$1,279	\$1,279	\$640	\$640	\$640	\$640	\$640	\$9,594	1
166 Maintenance Cost (x% of equipment Cost)	\$7,196	\$14,391	\$21,587	\$7,196	\$7,196	\$10,793	\$10,793	\$7,196	\$14,391	\$3,598	\$104,335	1
167 O&M Contingency (%of sub total)	\$42,243	\$60,016	\$71,683	\$47,927	\$42,243	\$35,842	\$35,842	\$30,008	\$48,833	\$21,121	\$435,758	1
168 Total	\$925,535	\$1,226,752	\$717,939	\$1,707,972	\$539,319	\$57,032	\$56,145	\$47,601	\$74,509	\$29,794	\$5,554,594	
170 Production Volume, AF	3,273	2,774	2,219	3,662	1,110	610	555	610	666	277	15,756	4
171 O&M Cost, \$/AF											\$353	
172 50% of O&M Cost, \$/AF											\$176	
173 Maximum Unit Cost Eligible for Reimbursement, \$/AF											\$88.20	5
174 Reimbursable Amount, \$, Payable in FY 26/27											\$1,389,694	

Table A-4
City of Garden Grove Water Services Department
2023 Water Rate Study

Projected Water Costs Using FY 23/24 OCWD and MWD Costs

FY 26/27 PFAS O&M Cost and Reimbursement Calculation

	Well 21	Well 29	Well 30	Lampson	Well 19	Well 22	Well 26	Well 27	Well 20	Well 25	Total	Notes
Startup Date	12/1/2021	4/12/2023	7/26/2022	7/1/2023	1/1/2025	1/1/2026	1/1/2026	1/1/2026	1/1/2026	1/1/2026		
Months Operating FY 26/27	12	12	12	12	12	12	12	12	12	12		
Prefilters (Cartridges)	\$31,640	\$36,397	\$24,265	\$79,100	\$20,823	\$36,397	\$36,397	\$31,640	\$79,100	\$20,823	\$396,582	1
IX Change Out	\$811,402	\$1,097,982	\$578,340	\$1,553,748	\$461,809	\$1,097,982	\$1,097,982	\$811,402	\$1,553,748	\$461,809	\$9,526,203	1
Labor	\$0	\$0	\$0	\$0							\$176,295	2
Power	\$48,146	\$41,827	\$30,915	\$50,919	\$14,548	\$20,004	\$18,185	\$20,004	\$21,823	\$9,093	\$275,464	3
Analytical (monthly sample)	\$1,311	\$1,311	\$1,311	\$1,311	\$1,311	\$1,311	\$1,311	\$1,311	\$1,311	\$1,311	\$13,112	1
Maintenance Cost (x% of equipment Cost)	\$7,375	\$14,751	\$22,126	\$7,375	\$7,375	\$22,126	\$22,126	\$14,751	\$29,502	\$7,375	\$154,883	1
O&M Contingency (%of sub total)	\$43,299	\$61,516	\$73,475	\$49,126	\$43,299	\$73,475	\$73,475	\$61,516	\$100,109	\$43,299	\$622,589	1
Total	\$943,173	\$1,253,784	\$730,432	\$1,741,580	\$549,165	\$1,251,296	\$1,249,477	\$940,624	\$1,785,592	\$543,710	\$11,165,129	
Production Volume, AF	2,938	2,552	1,886	3,107	888	1,221	1,110	1,221	1,331	555	16,807	4
O&M Cost, \$/AF											\$664	
50% of O&M Cost, \$/AF											\$332	
Maximum Unit Cost Eligible for Reimbursement, \$/AF											\$90.41	5
Reimbursable Amount, \$, Payable in FY 27/28											\$1,519,503	

FY 27/28 PFAS O&M Cost and Reimbursement Calculation

	Well 21	Well 29	Well 30	Lampson	Well 19	Well 22	Well 26	Well 27	Well 20	Well 25	Total	Notes
Startup Date	12/1/2021	4/12/2023	7/26/2022	7/1/2023	1/1/2025	1/1/2026	1/1/2026	1/1/2026	1/1/2026	1/1/2026		
Months Operating FY 27/28	12	12	12	12	12	12	12	12	12	12		
Prefilters (Cartridges)	\$32,431	\$37,307	\$24,871	\$81,078	\$21,343	\$37,307	\$37,307	\$32,431	\$81,078	\$21,343	\$406,497	1
IX Change Out	\$831,687	\$1,125,432	\$592,798	\$1,592,592	\$473,354	\$1,125,432	\$1,125,432	\$831,687	\$1,592,592	\$473,354	\$9,764,359	1
Labor											\$180,702	2
Power	\$49,350	\$42,872	\$31,688	\$52,192	\$14,912	\$20,504	\$18,640	\$20,504	\$22,368	\$9,320	\$282,351	3
Analytical (monthly sample)	\$1,344	\$1,344	\$1,344	\$1,344	\$1,344	\$1,344	\$1,344	\$1,344	\$1,344	\$1,344	\$13,440	1
Maintenance Cost (x% of equipment Cost)	\$7,560	\$15,120	\$22,679	\$7,560	\$7,560	\$22,679	\$22,679	\$15,120	\$30,239	\$7,560	\$158,755	1
O&M Contingency (%of sub total)	\$44,381	\$63,054	\$75,312	\$50,354	\$44,381	\$75,312	\$75,312	\$63,054	\$102,611	\$44,381	\$638,154	1
Total	\$966,753	\$1,285,128	\$748,693	\$1,785,119	\$562,894	\$1,282,578	\$1,280,714	\$964,140	\$1,830,232	\$557,302	\$11,444,257	
Production Volume, AF	2,938	2,552	1,886	3,107	888	1,221	1,110	1,221	1,331	555	16,807	4
O&M Cost, \$/AF											\$681	
50% of O&M Cost, \$/AF											\$340	
Maximum Unit Cost Eligible for Reimbursement, \$/AF											\$92.67	5
Reimbursable Amount, \$, Payable in FY 28/29											\$1,557,491	

Table A-4
City of Garden Grove Water Services Department
2023 Water Rate Study

Projected Water Costs Using FY 23/24 OCWD and MWD Costs

- 219 Notes:
220 (1) Source: FY 22/23 per City staff, 5/30/2023, with follow-up clarification of carbon changeout, ion exchange resin changeout, and pre-filter replacement scheduling provided on 6/13/23.
221 Subsequent years: costs increased for inflation.
222 (2) Labor costs for FTEs existing as of 6/1/23 are embedded in City's budget. Value shown in this row is:
223 Sr. Production Operator hired 1/1/25, with ongoing costs starting FY 24/25 and one-time costs in FY 24/25 (source: City staff, 6/13/23 and 6/15/23)
224 (3) Based on unit cost of \$15/acre-foot (in FY 23/24 dollars) of water from PFAS treatment facilities.
225 (4) See Table A-2 for more detail.
226 (5) Based on maximum reimbursable cost of \$79.52 per acre-foot in FY 22/23 dollars.

227
228

229 Detailed Cost Calculations FY 23/24 through FY 27/28

230

231	232 Projected Water Production, acre-feet	FY 23/24		FY 24/25			Notes
		Jul-Dec 23	Jan-Jun 24	Jul-Dec 24	Jan-Jun 25	Total	
233	% of Water Production						
234	Local Groundwater						
235	Non-PFAS Wells	24.62%	32.96%	24.62%	26.98%		1
236	PFAS Wells	75.38%	67.04%	75.38%	73.02%		1
237	Subtotal, Local Groundwater	73%	100%	70%	104%		1
238							
239	Purchased	27%	0%	27%	0%		1
240	Total	100%	100%	97%	104%		
241							
242	Water Production, acre-feet						
243	Local Groundwater						
244	Non-PFAS wells	1,948	2,931	1,948	2,400	4,348	1
245	PFAS Wells	5,964	5,964	5,964	6,495	12,459	1
246	Subtotal, Local Groundwater	7,912	8,895	7,912	8,895	16,807	
247							
248	Imported Water	2,966	0	2,966	0	2,966	1
249							
250	Total Water Production	10,878	8,895	10,878	8,895	19,773	1
251							

Table A-4
City of Garden Grove Water Services Department
2023 Water Rate Study

Projected Water Costs Using FY 23/24 OCWD and MWD Costs

		FY 23/24			FY 24/25			
	Unit Costs	Jul-Dec 23	Jan-Jun 24	Entire FY	Jul-Dec 24	Jan-Jun 25	Entire FY	
252								
253	Pumping Costs, (electricity) \$/AF	\$/acre-foot	\$66.12	\$66.12	\$68.76	\$68.76		2
254	Natural Gas Costs, \$/AF	\$/acre-foot	\$17.21	\$17.21	\$17.90	\$17.90		2
255	OCWD Replenishment Assessment, \$/AF	\$/acre-foot					\$624.00	3
256	MWD Tier 1 Treated Water Rate, \$/AF	\$/acre-foot	\$1,209	\$1,256	\$1,209	\$1,256		4
257	MWD Readiness to Serve Charge	\$/year	\$264,139	\$277,346	\$264,139	\$277,346		4
258	MWD Capacity Charge	\$/year	\$101,383	\$106,452	\$101,383	\$106,452		4
259	MWD Connection Charge	\$/connection					\$14.44	4
260				\$14.44				
261								
262								
263	Projected Water Costs	Jul-Dec 23	Jan-Jun 24	Total	Jul-Dec 24	Jan-Jun 25	Total	
264	PFAS O&M, Current MCL			\$2,872,745			\$4,677,169	
265	Pumping Costs	\$523,113	\$588,143	\$1,111,256	\$544,038	\$611,669	\$1,155,706	
266	Natural Gas	\$136,190	\$153,121	\$289,311	\$141,638	\$159,246	\$300,884	
267	WOCWB Shared Water Transmission Lines			\$47,208			\$47,208	
268	OCWD Replenishment Assessment			\$10,487,623			\$10,487,623	
269	MWD Tier 1 Treated Water Rate	\$3,585,842	\$0	\$3,585,842	\$3,585,842	\$0	\$3,585,842	
270	MWD Readiness to Serve Charge	\$264,139	\$277,346	\$541,486	\$264,139	\$277,346	\$541,486	
271	MWD Capacity Charge	\$101,383	\$106,452	\$207,834	\$101,383	\$106,452	\$207,834	
272	MWD Connection Charge			\$492,275			\$492,275	5
273	MWDOC Choice Programs			\$28,734			\$28,734	4
274	OCWD Reimbursed PFAS Cost Share (Costs Incurred Previous Year)			(\$166,293)			(\$986,920)	2
275	Total Projected Water Costs			\$19,498,021			\$20,537,840	

		FY 25/26			FY 26/27			FY 27/28			
	Projected Water Production, acre-feet	Jul-Dec 25	Jan-Jun 26	Total	Jul-Dec 26	Jan-Jun 27	Total	Jul-Dec 27	Jan-Jun 28	Total	Notes
276											
277	% of Water Production										
278	Local Groundwater										
279	Non-PFAS Wells	13.89%	0.00%		0.00%	0.00%		0.00%	0.00%		1
280	PFAS Wells	86.11%	100.00%		100.00%	100.00%		100.00%	100.00%		1
281	Subtotal, Local Groundwater	70%	104%		77%	94%		77%	94%		1
282	Purchased	27%	0%		27%	0%		27%	0%		1
283	Total	97%	104%		105%	94%		105%	94%		
284											
285	Water Production, acre-feet										
286	Local Groundwater										
287	Non-PFAS wells	1,052	0	1,052	0	0	0	0	0	0	1
288	PFAS Wells	6,519	9,237	15,756	8,405	8,402	16,807	8,405	8,402	16,807	1
289	Subtotal, Local Groundwater	7,570	9,237	16,807	8,405	8,402	16,807	8,405	8,402	16,807	
290	Imported Water	2,966	0	2,966	2,966	0	2,966	2,966	0	2,966	1
291	Total Water Production	10,878	8,895	19,773	10,878	8,895	19,773	10,878	8,895	19,773	1
292											

Table A-4
City of Garden Grove Water Services Department
2023 Water Rate Study

Projected Water Costs Using FY 23/24 OCWD and MWD Costs

		FY 25/26			FY 26/27			FY 27/28			
	Unit Costs	Jul-Dec 25	Jan-Jun 26	Entire FY	Jul-Dec 26	Jan-Jun 27	Entire FY	Jul-Dec 27	Jan-Jun 28	Total	
299											
301	Pumping Costs, (electricity) \$/AF	\$/acre-foot	\$70.48	\$70.48	\$72.24	\$72.24		\$74.05	\$74.05		2
302	Natural Gas Costs, \$/AF	\$/acre-foot	\$18.35	\$18.35	\$18.81	\$18.81		\$19.28	\$19.28		2
303	OCWD Replenishment Assessment, \$/AF	\$/acre-foot					\$624.00			\$624.00	3
304	MWD Tier 1 Treated Water Rate, \$/AF	\$/acre-foot	\$1,209	\$1,256	\$1,209	\$1,256		\$1,209	\$1,256		4
305	MWD Readiness to Serve Charge	\$/year	\$264,139	\$277,346	\$264,139	\$277,346		\$264,139	\$277,346		4
306	MWD Capacity Charge	\$/year	\$101,383	\$106,452	\$101,383	\$106,452		\$101,383	\$106,452		4
307	MWD Connection Charge	\$/connection		\$14.44		\$14.44				\$14.44	4
308											
309											
	Projected Water Costs	Jul-Dec 25	Jan-Jun 26	Total	Jul-Dec 26	Jan-Jun 27	Total	Jul-Dec 27	Jan-Jun 28	Total	
311	PFAS O&M, Current MCL			\$5,554,594			\$11,165,129			\$11,444,257	
312	Pumping Costs	\$533,558	\$651,042	\$1,184,599	\$607,207	\$607,007	\$1,214,214	\$622,387	\$622,182	\$1,244,569	
313	Natural Gas	\$138,910	\$169,496	\$308,406	\$158,084	\$158,032	\$316,116	\$162,036	\$161,983	\$324,019	
314	WOCWB Shared Water Transmission Lines			\$49,096			\$50,324			\$51,582	
315	OCWD Replenishment Assessment			\$10,487,623			\$10,487,623			\$10,487,623	
316	MWD Tier 1 Treated Water Rate	\$3,585,842	\$0	\$3,585,842	\$3,585,842	\$0	\$3,585,842	\$3,585,842	\$0	\$3,585,842	
317	MWD Readiness to Serve Charge	\$264,139	\$277,346	\$541,486	\$264,139	\$277,346	\$541,486	\$264,139	\$277,346	\$541,486	
318	MWD Capacity Charge	\$101,383	\$106,452	\$207,834	\$101,383	\$106,452	\$207,834	\$101,383	\$106,452	\$207,834	
319	MWD Connection Charge			\$492,275			\$492,275			\$492,275	5
320	MWDOC Choice Programs			\$28,734			\$28,734			\$28,734	4
321	OCWD Reimbursed PFAS Cost Share (Costs Incurred Previous Year)			(\$1,072,147)			(\$1,389,694)			(\$1,519,503)	2
322	Total Projected Water Costs			\$21,368,342			\$26,699,882			\$26,888,717	

Notes:

- (1) See Table A-2 for more detail.
- (2) See above for electricity and natural gas unit cost calculation based on actual energy costs from July 2022 through March 2023.
- (3) Per OCWD staff via email from City staff, 3/31/23.
- (4) Source: MWD Ten-Year Financial Forecast, contained in the MWD 2022/23 and 2023/24 Biennial Budget, page 221; also MWD presentation from April 22, slide 4. 7% increase in 2025, 6% increase in 2026, 6% increase in 2027 and 2028.
- (5) City's most recent data reported to MWD for MWD Connection Charge calculations uses 34,097 connections. This value is assumed constant through FY 27/28

Table A-5
City of Garden Grove Water Services Department
2023 Water Rate Study

Projected Increases in Water Costs to be Recovered from Future Pass-Through Adjustments

Summary of Projected Annual Costs

Component of Water Costs	Estimated FY 23/24	Estimated FY 24/25	Estimated FY 25/26	Estimated FY 26/27	Estimated FY 27/28
Using FY 23/24 Costs					
OCWD Replenishment Assessment	\$10,487,623	\$10,487,623	\$10,487,623	\$10,487,623	\$10,487,623
MWD Tier 1 Treated Water Rate	\$3,585,842	\$3,585,842	\$3,585,842	\$3,585,842	\$3,585,842
MWD Readiness to Serve Charge	\$541,486	\$541,486	\$541,486	\$541,486	\$541,486
MWD Capacity Charge	\$207,834	\$207,834	\$207,834	\$207,834	\$207,834
MWD Connection Charge	\$492,275	\$492,275	\$492,275	\$492,275	\$492,275
MWDOC Choice Programs	\$28,734	\$28,734	\$28,734	\$28,734	\$28,734
Total	\$15,343,794	\$15,343,794	\$15,343,794	\$15,343,794	\$15,343,794
Using Projected Future Costs					
OCWD Replenishment Assessment	\$10,487,623	\$11,176,713	\$11,748,154	\$12,319,595	\$12,924,650
MWD Tier 1 Treated Water Rate	\$3,585,842	\$3,725,242	\$4,009,973	\$4,282,841	\$4,549,778
MWD Readiness to Serve Charge	\$541,486	\$574,107	\$611,327	\$648,007	\$686,887
MWD Capacity Charge	\$207,834	\$220,355	\$234,641	\$248,719	\$263,642
MWD Connection Charge	\$492,275	\$526,735	\$558,339	\$591,839	\$627,349
MWDOC Choice Programs	\$28,734	\$29,883	\$30,630	\$31,396	\$32,181
Total	\$15,343,794	\$16,253,035	\$17,193,065	\$18,122,398	\$19,084,488
Costs Recovered from Future Pass-Through Adjustments					
OCWD Replenishment Assessment	\$0	\$689,091	\$1,260,532	\$1,831,973	\$2,437,028
MWD Tier 1 Treated Water Rate	\$0	\$139,400	\$424,132	\$697,000	\$963,936
MWD Readiness to Serve Charge	\$0	\$32,621	\$69,841	\$106,521	\$145,401
MWD Capacity Charge	\$0	\$12,521	\$26,807	\$40,885	\$55,808
MWD Connection Charge	\$0	\$34,459	\$66,063	\$99,564	\$135,074
MWDOC Choice Programs	\$0	\$1,149	\$1,896	\$2,662	\$3,447
Total	\$0	\$909,241	\$1,849,271	\$2,778,604	\$3,740,694
Projected Pass-Thru Adjustment, \$/ccf					
Projected Metered Sales, ccf/year	8,010,990	8,010,990	8,010,990	8,010,990	8,010,990
Projected Pass-Thru Adjustment	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Increase in Each FY, \$/ccf		\$0.11	\$0.12	\$0.12	\$0.12
Cumulative Pass-Thru, \$/ccf	\$0.00	\$0.11	\$0.23	\$0.35	\$0.47

Table A-5
City of Garden Grove Water Services Department
2023 Water Rate Study

Projected Increases in Water Costs to be Recovered from Future Pass-Through Adjustments

Detailed Cost Calculations FY 23/24 through FY 27/28

		FY 23/24			FY 24/25			
	Projected Water Production, acre-feet	Jul-Dec 23	Jan-Jun 24	Total	Jul-Dec 24	Jan-Jun 25	Total	Notes
36	% of Water Production							
37	Local Groundwater							
38	Non-PFAS Wells	24.62%	32.96%		24.62%	26.98%		1
39	PFAS Wells	75.38%	67.04%		75.38%	73.02%		1
40	Subtotal, Local Groundwater	73%	100%		70%	104%		1
41								
42	Purchased	27%	0%		27%	0%		1
43	Total	100%	100%		97%	104%		
44								
45	Water Production, acre-feet							
46	Local Groundwater							
47	Non-PFAS wells	1,948	2,931	4,879	1,948	2,400	4,348	1
48	PFAS Wells	5,964	5,964	11,928	5,964	6,495	12,459	1
49	Subtotal, Local Groundwater	7,912	8,895	16,807	7,912	8,895	16,807	
50								
51	Imported Water	2,966	0	2,966	2,966	0	2,966	1
52								
53	Total Water Production	10,878	8,895	19,773	10,878	8,895	19,773	1
54								
55								
56								
57								
58								
59	Unit Costs	Jul-Dec 23	Jan-Jun 24	Entire FY	Jul-Dec 24	Jan-Jun 25	Entire FY	
60	OCWD Replenishment Assessment, \$/AF \$/acre-foot			\$624.00			\$665.00	2
61	MWD Tier 1 Treated Water Rate, \$/AF \$/acre-foot	\$1,209	\$1,256		\$1,256	\$1,352		3
62	MWD Readiness to Serve Charge \$/year	\$264,139	\$277,346		\$277,346	\$296,761		3
63	MWD Capacity Charge \$/year	\$101,383	\$106,452		\$106,452	\$113,903		3
64	MWD Connection Charge \$/connection			\$14.44			\$15.45	3
65								
66								
67	Projected Water Costs	Jul-Dec 23	Jan-Jun 24	Total	Jul-Dec 24	Jan-Jun 25	Total	
68	OCWD Replenishment Assessment			\$10,487,623			\$11,176,713	
69	MWD Tier 1 Treated Water Rate	\$3,585,842	\$0	\$3,585,842	\$3,725,242	\$0	\$3,725,242	
70	MWD Readiness to Serve Charge	\$264,139	\$277,346	\$541,486	\$277,346	\$296,761	\$574,107	
71	MWD Capacity Charge	\$101,383	\$106,452	\$207,834	\$106,452	\$113,903	\$220,355	
72	MWD Connection Charge			\$492,275			\$526,735	4
73	MWDOC Choice Programs			\$28,734			\$29,883	3
74	Total Projected Water Costs			\$15,343,794			\$16,253,035	
75								

Table A-5
City of Garden Grove Water Services Department
2023 Water Rate Study

Projected Increases in Water Costs to be Recovered from Future Pass-Through Adjustments

	FY 25/26			FY 26/27			FY 27/28			
	Jul-Dec 25	Jan-Jun 26	Total	Jul-Dec 26	Jan-Jun 27	Total	Jul-Dec 27	Jan-Jun 28	Total	Notes
76										
77	Projected Water Production, acre-feet									
78	% of Water Production									
79	Local Groundwater									
80	13.89%	0.00%		0.00%	0.00%		0.00%	0.00%		1
81	86.11%	100.00%		100.00%	100.00%		100.00%	100.00%		1
82	70%	104%		77%	94%		77%	94%		1
83										
84	27%	0%		27%	0%		27%	0%		1
85	97%	104%		105%	94%		105%	94%		
86										
87	Water Production, acre-feet									
88	Local Groundwater									
89	1,052	0	1,052	0	0	0	0	0	0	1
90	6,519	9,237	15,756	8,405	8,402	16,807	8,405	8,402	16,807	1
91	7,570	9,237	16,807	8,405	8,402	16,807	8,405	8,402	16,807	
92										
93	2,966	0	2,966	2,966	0	2,966	2,966	0	2,966	1
94										
95	10,878	8,895	19,773	10,878	8,895	19,773	10,878	8,895	19,773	1
96										

Table A-5
City of Garden Grove Water Services Department
2023 Water Rate Study

Projected Increases in Water Costs to be Recovered from Future Pass-Through Adjustments

97	98	Unit Costs	FY 25/26			FY 26/27			FY 27/28			
			Jul-Dec 25	Jan-Jun 26	Entire FY	Jul-Dec 26	Jan-Jun 27	Entire FY	Jul-Dec 27	Jan-Jun 28	Total	
99		OCWD Replenishment Assessment, \$/AF	\$/acre-foot		\$699.00			\$733.00			\$769.00	2
100		MWD Tier 1 Treated Water Rate, \$/AF	\$/acre-foot	\$1,352	\$1,444	\$1,444	\$1,534		\$1,534	\$1,626		3
101		MWD Readiness to Serve Charge	\$/year	\$296,761	\$314,566	\$314,566	\$333,440		\$333,440	\$353,447		3
102		MWD Capacity Charge	\$/year	\$113,903	\$120,737	\$120,737	\$127,982		\$127,982	\$135,661		3
103		MWD Connection Charge	\$/connection		\$16.38			\$17.36			\$18.40	3
104												
105												
106		Projected Water Costs	Jul-Dec 25	Jan-Jun 26	Total	Jul-Dec 26	Jan-Jun 27	Total	Jul-Dec 27	Jan-Jun 28	Total	
107		OCWD Replenishment Assessment			\$11,748,154			\$12,319,595			\$12,924,650	
108		MWD Tier 1 Treated Water Rate	\$4,009,973	\$0	\$4,009,973	\$4,282,841	\$0	\$4,282,841	\$4,549,778	\$0	\$4,549,778	
109		MWD Readiness to Serve Charge	\$296,761	\$314,566	\$611,327	\$314,566	\$333,440	\$648,007	\$333,440	\$353,447	\$686,887	
110		MWD Capacity Charge	\$113,903	\$120,737	\$234,641	\$120,737	\$127,982	\$248,719	\$127,982	\$135,661	\$263,642	
111		MWD Connection Charge			\$558,339			\$591,839			\$627,349	4
112		MWDOC Choice Programs			\$30,630			\$31,396			\$32,181	3
113		Total Projected Water Costs			\$17,193,065			\$18,122,398			\$19,084,488	

Notes:

(1) See Table A-2 for more detail.

(2) Per OCWD staff via email from City staff, 3/31/23.

(3) Source: MWD Ten-Year Financial Forecast, contained in the MWD 2022/23 and 2023/24 Biennial Budget, page 221; also MWD presentation from April 22, slide 4.

7% increase in 2025, 6% increase in 2026, 6% increase in 2027 and 2028.

(4) City's most recent data reported to MWD for MWD Connection Charge calculations uses 34,097 connections. This value is assumed constant through FY 27/28

Table A-6
City of Garden Grove Water Services Department
2023 Water Rate Study

Projected O&M Expenditures, Excluding Water Production Costs and Water Use Objectives Compliance Costs

Line No.	Fund	GL Key Description	GL KEY	Account-Description	Budget (1)	Budget (1)	Projected (2)		
					FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
1	601	WATER OPS-WATER ADMIN	6016101000	50001 - Salaries	157,815	165,705	172,333	176,642	181,058
2	601	WATER OPS-ENG	6016101565	50001 - Salaries	429,558	451,036	469,077	480,804	492,824
3	601	WATER OPS-WATER PROD	6016101570	50001 - Salaries	1,123,223	1,179,384	1,226,559	1,257,223	1,288,654
4	601	WATER OPS-WATER DIST	6016101575	50001 - Salaries	832,005	873,605	908,549	931,263	954,545
5	601	WATER OPS-WATER QUAL	6016101580	50001 - Salaries	416,421	437,242	454,732	466,100	477,752
6	601	WATER OPS-WATER DIST	601101100	50001 - Salaries	11,555	12,132	12,617	12,933	13,256
7	601	WATER OPS-WATER DIST	601102100	50001 - Salaries	58,040	60,942	63,380	64,964	66,588
8	601	WATER OPS-WATER DIST	601135112	50001 - Salaries	181,056	190,109	197,713	202,656	207,723
9	601	WATER OPS-WATER DIST	601212119	50001 - Salaries	18,152	19,059	19,821	20,317	20,825
10	601	WATER OPS-WATER DIST	601212120	50001 - Salaries	4,302	4,517	4,698	4,815	4,936
11	601	WATER OPS-WATER DIST	601215100	50001 - Salaries	21,849	22,941	23,859	24,455	25,067
12	601	WATER OPS-WATER DIST	601131100	50001 - Salaries	32,798	34,438	35,816	36,711	37,629
13	601	WATER OPS-WATER DIST	601510100	50001 - Salaries	168,971	177,419	184,516	189,129	193,857
14	601	WATER OPS-WATER DIST	601132100	50001 - Salaries	123,082	129,236	134,405	137,766	141,210
15	601	WATER OPS-WATER DIST	601135100	50001 - Salaries	26,548	27,876	28,991	29,716	30,459
16	601	WATER OPS-WATER DIST	601102103	50001 - Salaries	56,179	58,988	61,348	62,881	64,453
17	601	WATER OPS-WATER DIST	601133100	50001 - Salaries	44,453	46,676	48,543	49,757	51,001
18	601	WATER OPS-WATER DIST	601522144	50001 - Salaries	66,271	69,585	72,368	74,178	76,032
19	601	WATER OPS-WATER DIST	601532149	50001 - Salaries	95,686	100,470	104,489	107,101	109,779
20	601	WATER OPS-WATER DIST	601544153	50001 - Salaries	145,395	152,665	158,772	162,741	166,809
21	601	WATER OPS-WATER DIST	601546100	50001 - Salaries	38,605	40,535	42,156	43,210	44,291
22	601	WATER OPS-WATER DIST	601546156	50001 - Salaries	20,365	21,384	22,239	22,795	23,365
23	601	WATER OPS-WATER ADMIN	6016101000	50007 - Fringe Costs	93,858	98,551	102,493	105,055	107,682
24	601	WATER OPS-ENG	6016101565	50007 - Fringe Costs	351,164	368,722	383,471	393,058	402,884
25	601	WATER OPS-WATER PROD	6016101570	50007 - Fringe Costs	1,080,339	1,134,355	1,179,729	1,209,222	1,239,453
26	601	WATER OPS-WATER DIST	6016101575	50007 - Fringe Costs	908,603	954,033	992,194	1,016,999	1,042,424
27	601	WATER OPS-WATER QUAL	6016101580	50007 - Fringe Costs	343,172	343,172	356,899	365,821	374,967
28	601	WATER OPS-WATER DIST	601101100	50007 - Fringe Costs	7,336	7,703	8,011	8,211	8,417
29	601	WATER OPS-WATER DIST	601102100	50007 - Fringe Costs	47,938	50,334	52,347	53,656	54,997
30	601	WATER OPS-WATER DIST	601135112	50007 - Fringe Costs	151,223	158,784	165,135	169,264	173,495
31	601	WATER OPS-WATER DIST	601212119	50007 - Fringe Costs	13,574	14,252	14,822	15,193	15,572
32	601	WATER OPS-WATER DIST	601212120	50007 - Fringe Costs	3,278	3,442	3,580	3,669	3,761
33	601	WATER OPS-WATER DIST	601215100	50007 - Fringe Costs	19,838	20,829	21,663	22,204	22,759
34	601	WATER OPS-WATER DIST	601131100	50007 - Fringe Costs	19,652	20,634	21,459	21,996	22,546
35	601	WATER OPS-WATER DIST	601510100	50007 - Fringe Costs	153,623	161,305	167,757	171,951	176,250
36	601	WATER OPS-WATER DIST	601132100	50007 - Fringe Costs	95,805	100,595	104,619	107,234	109,915

Table A-6
City of Garden Grove Water Services Department
2023 Water Rate Study

Projected O&M Expenditures, Excluding Water Production Costs and Water Use Objectives Compliance Costs

Line No.	Fund	GL Key Description	GL KEY	Account-Description	Budget (1)	Budget (1)	Projected (2)		
					FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
37	601	WATER OPS-WATER DIST	601135100	50007 - Fringe Costs	22,463	23,586	24,529	25,143	25,771
38	601	WATER OPS-WATER DIST	601102103	50007 - Fringe Costs	51,636	54,218	56,387	57,796	59,241
39	601	WATER OPS-WATER DIST	601133100	50007 - Fringe Costs	37,038	38,890	40,446	41,457	42,493
40	601	WATER OPS-WATER DIST	601522144	50007 - Fringe Costs	51,129	53,685	55,832	57,228	58,659
41	601	WATER OPS-WATER DIST	601532149	50007 - Fringe Costs	94,754	99,492	103,472	106,058	108,710
42	601	WATER OPS-WATER DIST	601544153	50007 - Fringe Costs	136,189	142,999	148,719	152,437	156,248
43	601	WATER OPS-WATER DIST	601546100	50007 - Fringe Costs	32,340	33,957	35,315	36,198	37,103
44	601	WATER OPS-WATER DIST	601546156	50007 - Fringe Costs	16,582	17,411	18,107	18,560	19,024
45	601	WATER OPS-WATER ADMIN	6016101000	51001 - CONTRACTUAL SERV	66,789	66,789	69,461	71,197	72,977
46	601	WATER OPS-CAPITAL	6016101280	51001 - CONTRACTUAL SERV	136,425	43,378	45,113	46,241	47,397
47	601	WATER OPS-ENG	6016101565	51001 - CONTRACTUAL SERV	43,379	43,379	45,114	46,242	47,398
48	601	WATER OPS-WATER PROD	6016101570	51001 - CONTRACTUAL SERV	129,530	129,530	134,711	138,079	141,531
49	601	WATER OPS-WATER DIST	6016101575	51001 - CONTRACTUAL SERV	129,529	129,529	134,710	138,078	141,530
50	601	WATER OPS-WATER QUAL	6016101580	51001 - CONTRACTUAL SERV	64,879	62,879	65,394	67,029	68,705
51	601	WATER OPS-WATER ADMIN	6016101000	51401 - REGISTRATION FEES	500	500	520	533	546
52	601	WATER OPS-WATER ADMIN	6016101000	51402 - TUITION/TRAINING	10,998	10,998	11,438	11,724	12,017
53	601	WATER OPS-WATER ADMIN	6016101000	51404 - CITY MEMBERSHIPS	12,835	12,835	13,348	13,682	14,024
54	601	WATER OPS-WATER ADMIN	6016101000	52001 - COMMODITIES	50,894	50,894	52,930	54,253	55,609
55	601	WATER OPS-ENG	6016101565	52001 - COMMODITIES	77,588	77,588	80,692	82,709	84,777
56	601	WATER OPS-WATER PROD	6016101570	52001 - COMMODITIES	2,000	0	0	0	0
57	601	WATER OPS-WATER DIST	6016101575	52001 - COMMODITIES	279,557	271,557	282,419	289,480	296,717
58	601	WATER OPS-WATER QUAL	6016101580	52001 - COMMODITIES	157,176	155,176	161,383	165,418	169,553
59	601	WATER OPS-WATER ADMIN	6016101000	52106 - BOOKS/SUBSCRIPTIONS	713	713	742	760	779
60	601	WATER OPS-ENG	6016101565	52106 - BOOKS/SUBSCRIPTIONS	237	237	246	253	259
61	601	WATER OPS-WATER ADMIN	6016101000	53355 - OVERHEAD FEE	1,402,200	1,444,200	1,501,968	1,539,517	1,578,005
62	601	WATER OPS-WATER ADMIN	6016101000	53358 - CITY STREET DAMAGES	814,455	814,455	847,033	868,209	889,914
Total (3)					11,183,545	11,491,530	11,951,192	12,249,971	12,556,221

Notes:

(1) Received from City staff, 4/19/23

(2) Adjusted for inflation at 2.5% per year.

(3) Matches Operating Statement (Table A10) lines 38, 39, 40, 43, 44, and 45.

Table A-7
City of Garden Grove Water Services Department
2023 Water Rate Study

Existing and Future Debt Service

Line No	Existing Revenue Bond Debt Service (1) (2)				FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
1	Revenue and Refunding Bonds 2015				1,013,450	939,300	0	0	0	0
2	Water Revenue Bonds Series 2020A				1,266,975	1,720,175	1,714,575	1,717,775	1,719,375	1,719,375
3	Total				\$2,280,425	\$2,659,475	\$1,714,575	\$1,717,775	\$1,719,375	1,719,375
4										
5										
6	Proposed Debt Service	Issue Date	Issuance Amount	Interest Rate	Estimated Principal and Interest Payment					
					FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
7	Revenue Bond/Private Placement	23/24	\$0	5.0%		0	0	0	0	0
8	Revenue Bond/Private Placement	24/25	\$0	5.0%			0	0	0	0
9	Revenue Bond/Private Placement	25/26	\$0	5.0%				0	0	0
10	Revenue Bond/Private Placement	26/27	\$0	5.0%					0	0
11	Revenue Bond/Private Placement	27/28	\$0	5.0%						0
12	Total				\$0	\$0	\$0	\$0	\$0	\$0
13										
14	Intercity Loan Debt Service (2)				FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
15	Outstanding Principal Beginning Year				\$10,632,394	\$9,851,256	\$9,037,481	\$8,189,708	\$7,306,516	\$6,386,425
16	Principal Payment				\$781,139	\$813,774	\$847,773	\$883,192	\$920,091	\$958,532
17	Interest Payment				\$421,358	\$388,722	\$354,723	\$319,304	\$282,405	\$243,964
18	Outstanding Principal, End of Year				\$9,851,256	\$9,037,481	\$8,189,708	\$7,306,516	\$6,386,425	\$5,427,892

Notes:

- (1) Source: City Finance Department Staff, April 2023.
- (2) Source: City Finance Department email, 5/16/21
- (3) Source: Data from staff email 3/28/23.

Table A-8
City of Garden Grove Water Services Department
2023 Water Rate Study

Water Utility Operating Statement

Line No		FY 23/24	FY 24/25	Projected FY 25/26	FY 26/27	FY 27/28	Notes
1	FUND 601 (WATER OPERATIONS) SOURCES OF FUNDS						
2	Beginning of Year Balance, Fund 601	\$30,046,648	\$23,183,148	\$18,846,897	\$17,795,639	\$14,886,313	1
3							
4	Rate Revenues Under Adopted Rates (Ordinance 2890)						
5	Water Sales Revenues (Excludes Future Rate Increases and Future Pass Through Charge Adjustments)						
6	Bi-Monthly Minimum Charge	\$8,344,136	\$8,344,136	\$8,344,136	\$8,344,136	\$8,344,136	2
7	Commodity Delivery Charge	26,175,282	26,175,282	26,175,282	26,175,282	26,175,282	2
8	Pass Through Charge (Existing Rates)	3,204,396	3,204,396	3,204,396	3,204,396	3,204,396	2
9	Private Fire Service	494,910	494,910	494,910	494,910	494,910	2
10	Senior Care Discount	(16,342)	(16,342)	(16,342)	(16,342)	(16,342)	3
11	Water Low Use Credit	0	0	0	0	0	3
12	Write-offs	(55,214)	(58,748)	(62,508)	(66,509)	(68,171)	3
13							
14	Additional Revenues From Rate Increases Not Yet Adopted						2
15							
16	Fiscal Year Percent Increase Months of Revenue						
17	FY 23/24 6.40% 4	815,333	2,445,998	2,445,998	2,445,998	2,445,998	
18	FY 24/25 6.40% 4		867,514	2,602,542	2,602,542	2,602,542	
19	FY 25/26 6.40% 4			923,035	2,769,105	2,769,105	
20	FY 26/27 6.40% 4				982,109	2,946,328	
21	FY 27/28 2.50% 4					408,189	
22	Total Additional Revenues	\$815,333	\$3,313,512	\$5,971,575	\$8,799,754	\$11,172,162	
23							
24	Total Rate Revenues	\$38,962,501	\$41,457,146	\$44,111,449	\$46,935,628	\$49,306,373	
25							
26	Other Income						
27	Transfer from General Fund for City Water Use	636,691	691,891	736,172	783,287	822,810	4
28	Other Revenues	97,032	97,032	97,032	97,032	97,032	5
29	Investment Income	151,683	161,121	131,892	127,726	107,807	6
30	Total Other Income	\$885,407	\$950,045	\$965,097	\$1,008,046	\$1,027,649	
31							
32	Total Revenues	\$39,847,908	\$42,407,191	\$45,076,546	\$47,943,674	\$50,334,023	
33							
34	Total Sources of Funds	\$69,894,556	\$65,590,340	\$63,923,444	\$65,739,313	\$65,220,336	
35							

Table A-8
City of Garden Grove Water Services Department
2023 Water Rate Study

Water Utility Operating Statement

Line No		FY 23/24	FY 24/25	Projected FY 25/26	FY 26/27	FY 27/28	Notes
36	FUND 601 USES OF FUNDS						
37	O&M Expenditures						7
38	Salaries & Fringe Costs	\$7,803,861	\$8,176,893	\$8,503,969	\$8,716,568	\$8,934,483	
39	Contractual Services	570,531	475,484	494,503	506,866	519,538	
40	Commodities Other than Water Costs	567,215	555,215	577,424	591,859	606,656	
41	Water Use Objectives Compliance Cost	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	
42	Other O&M						
43	Administrative Services Charge	1,402,200	1,444,200	1,501,968	1,539,517	1,578,005	
44	Street Repair Costs	814,455	814,455	847,033	868,209	889,914	
45	Remainder of Other O&M Expenditures	25,283	25,283	26,294	26,952	27,625	
46	Projected Water Costs						8
47	PFAS O&M Costs	2,872,745	4,677,169	5,554,594	11,165,129	11,444,257	
48	Electricity	1,111,256	1,155,706	1,184,599	1,214,214	1,244,569	
49	Natural Gas	289,311	300,884	308,406	316,116	324,019	
50	WOCWB Shared Water Transmission Lines	47,208	47,208	49,096	50,324	51,582	
51	OCWD Replenishment Assessment	10,487,623	10,487,623	10,487,623	10,487,623	10,487,623	9
52	MWD Tier 1 Treated Water	3,585,842	3,585,842	3,585,842	3,585,842	3,585,842	9
53	MWD Readiness to Serve Charge	541,486	541,486	541,486	541,486	541,486	9
54	MWD Capacity Charge	207,834	207,834	207,834	207,834	207,834	9
55	MWD Connection Charge	492,275	492,275	492,275	492,275	492,275	9
56	MWD Choice Programs	28,734	28,734	28,734	28,734	28,734	9
57	OCWD Reimbursement	(166,293)	(986,920)	(1,072,147)	(1,389,694)	(1,519,503)	10
58	Subtotal O&M Expenditures	\$32,681,566	\$34,029,371	\$35,319,533	\$40,949,853	\$41,444,938	
59							
60	Debt Service						11
61	Intercity Loan Principal and Interest	\$1,202,496	\$1,202,496	\$1,202,496	\$1,202,496	\$1,202,496	
62	2015 Revenue Bonds	939,300	0	0	0	0	
63	2020A Revenue Bonds	1,720,175	1,714,575	1,717,775	1,719,375	1,719,375	
64	Future Revenue Bond Debt Service	0	0	0	0	0	
65	Subtotal Debt Service	\$3,861,971	\$2,917,071	\$2,920,271	\$2,921,871	\$2,921,871	
66							
67	Capital Equipment	\$314,000	\$157,000	\$157,000	\$157,000	\$157,000	12
68							
69	Transfer to Fund 602	\$6,000,000	\$6,000,000	\$4,000,000	\$3,000,000	\$2,000,000	
70	Transfer to Fund 603	\$3,853,870	\$3,640,000	\$3,731,000	\$3,824,275	\$3,919,882	
71							
72	Total Uses of Funds	\$46,711,408	\$46,743,442	\$46,127,805	\$50,853,000	\$50,443,691	
73							
74	End of Year Balance, Fund 601	\$23,183,148	\$18,846,897	\$17,795,639	\$14,886,313	\$14,776,645	

Table A-8
City of Garden Grove Water Services Department
2023 Water Rate Study

Water Utility Operating Statement

Line No		FY 23/24	FY 24/25	Projected FY 25/26	FY 26/27	FY 27/28	Notes
75	FINANCIAL PERFORMANCE INDICATORS						
83							
84	<u>End of Year (EOY) Reserve Balance Criteria</u>						
85	Criteria: Total combined fund 601,602,603 Reserves						
86	Combined EOY 601,602,603 Balance	\$24,787,896	\$20,291,090	\$19,650,220	\$16,585,747	\$16,994,667	
87	Target Reserve Balance						
88	2 Months Cash Outflow	5,647,344	5,871,978	6,087,005	7,025,392	7,107,906	13
89	Plus \$500,000 for Contingencies	500,000	500,000	500,000	500,000	500,000	
90	Plus 5% of Net Plant	8,596,201	8,820,908	8,922,414	9,004,721	9,012,027	14
91	Subtotal	\$14,743,545	\$15,192,885	\$15,509,419	\$16,530,112	\$16,619,933	
92	Exceeds Target?	Yes	Yes	Yes	Yes	Yes	
93							
94	<u>Debt Service Coverage Ratio</u>						
95	Criteria: Debt Service Coverage Ratio > 1.75						
96	Gross Revenue	\$42,217,612	\$44,928,556	\$47,759,278	\$50,798,102	\$53,332,477	
97	Less O&M Expenses	(\$32,681,566)	(\$34,029,371)	(\$35,319,533)	(\$40,949,853)	(\$41,444,938)	
98	Revenue Available for Debt Service	\$9,536,045	\$10,899,185	\$12,439,745	\$9,848,249	\$11,887,539	
99							
100	Revenue Bond Debt Service	\$2,659,475	\$1,714,575	\$1,717,775	\$1,719,375	\$1,719,375	
101	Debt Service Coverage Ratio	3.59	6.36	7.24	5.73	6.91	
102	Exceeds Target?	Yes	Yes	Yes	Yes	Yes	
103							

Table A-8
City of Garden Grove Water Services Department
2023 Water Rate Study

Water Utility Operating Statement

Line No		FY 23/24	FY 24/25	Projected FY 25/26	FY 26/27	FY 27/28	Notes
104	FUND 602 (WATER CAPITAL) SOURCES OF FUNDS						
105	Beginning of Year Balance, Fund 602	\$4,341,667	\$663,606	\$503,051	\$913,439	\$758,292	1
106							
107	Capital Improvement Charge						
108	Revenues Under Adopted Rates	\$2,320,206	\$2,320,206	\$2,320,206	\$2,320,206	\$2,320,206	2
109							
110	Additional Capital Improvement Charge Revenues						2
111							
112	Fiscal Year % Increase Months of Revenue						
113	FY 23/24 6.40% 4	49,498	148,493	148,493	148,493	148,493	
114	FY 24/25 6.40% 4		52,666	157,997	157,997	157,997	
115	FY 25/26 6.40% 4			56,036	168,109	168,109	
116	FY 26/27 6.40% 4				59,623	178,868	
117	FY 27/28 2.50% 4					24,781	
118	Total Additional Revenues	\$49,498	\$201,159	\$362,526	\$534,222	\$678,248	
119							
120	Other Revenues (Interest)	\$0	\$0	\$0	\$0	\$0	
121	CIEDB Debt Proceeds	0	0	0	0	0	
122	Remaining 2020A Revenue Bond Proceeds	6,800,000					15
123	Transfer From Fund 601	6,000,000	6,000,000	4,000,000	3,000,000	2,000,000	
124	Total Sources of Funds, 602	\$19,511,371	\$9,184,971	\$7,185,783	\$6,767,867	\$5,756,746	
125							
126	FUND 602 (WATER CAPITAL) USES OF FUNDS						
127	Capital Improvements	\$18,847,765	\$8,681,920	\$6,272,344	\$6,009,575	\$4,479,865	16
128	Water Ops Labor Charged to Fund 602	0	0	0	0	0	17
129	Transfer to Fund 603	0	0	0	0	0	
130	Total Use of Funds	\$18,847,765	\$8,681,920	\$6,272,344	\$6,009,575	\$4,479,865	
131							
132	Ending Year Fund Balance, Fund 602	\$663,606	\$503,051	\$913,439	\$758,292	\$1,276,881	
133							

Table A-8
City of Garden Grove Water Services Department
2023 Water Rate Study

Water Utility Operating Statement

Line No		FY 23/24	FY 24/25	Projected FY 25/26	FY 26/27	FY 27/28	Notes
134	FUND 603 (WATER REPLACEMENT) SOURCES OF FUNDS						
135	Beginning of Year Balance, Fund 603	\$894,498	\$941,141	\$941,141	\$941,141	\$941,141	
136							
137	Other Revenues (Interest)	\$0	\$0	\$0	\$0	\$0	
138	Transfer From Fund 601	3,853,870	3,640,000	3,731,000	3,824,275	3,919,882	
139	Transfer From Fund 602	0	0	0	0	0	
140	Total Sources of Funds, 603	\$4,748,368	\$4,581,141	\$4,672,141	\$4,765,416	\$4,861,023	
141							
142	FUND 603 (WATER REPLACEMENT) USES OF FUNDS						
143	Replacement Expenditures						
144	Water Main Replacement	\$3,807,227	\$3,640,000	\$3,731,000	\$3,824,275	\$3,919,882	18
145	Total Use of Funds	\$3,807,227	\$3,640,000	\$3,731,000	\$3,824,275	\$3,919,882	
146							
147	Ending Year Fund Balance, Fund 603	\$941,141	\$941,141	\$941,141	\$941,141	\$941,141	

Table A-8
City of Garden Grove Water Services Department
2023 Water Rate Study

Water Utility Operating Statement

Line No	FY 23/24	FY 24/25	Projected FY 25/26	FY 26/27	FY 27/28	Notes
	Table A-10 Notes:					
	(1) FY 23/24 projected beginning of year balance is the Cash in Bank balance as of 3/27/23. Source: City staff, 3/28/23.					
	(2) See Table A-11 for more detail. Projections are based on across-the-board percentage rate increases for this draft.					
	(3) Equals FY 21/22 actuals. Low water use credit proposed for elimination.					
	(4) Source: email from City staff, 4/27/2023. Revenue increases proportionally with increases in rates in subsequent years and decreases with conservation adjustment.					
	(5) Source: email from city staff 4/27/23. Includes late fees, after-hours fees, other revenues, and signs/barricades fee.					
	FY 24/25 and subsequent years: 0.4% of Beginning of Year combined Fund 601, 602, and 603 Fund Balance.					
	(6) FY 22/23 source: email from city staff 4/27/23 (FY 22/23 budget). 24/25 and subsequent years: 0.4% of Beginning of Year combined Fund 601, 602, and 603 Fund Balance.					
	(7) Source for all items except Projected Water Costs: FY 22/23 Budget, provided by City staff, 5/13/22. Water Use Objectives cost from City staff, June 2023.					
	(8) See Table A-4 for more detail.					
	(9) OCWD Replenishment Assessment and MWD costs are at FY 23/24 rates. Subsequent increases in these costs will be recovered through future pass-through adjustments.					
	(10) FY 23/24 per City staff, 6/8/23. Subsequent years see Table A-4 for more detail.					
	(11) See Table A-9 for more detail.					
	(12) FY 23/24 from City's capital equipment sheet per City staff 4/3/23. Subsequent years: 50% of FY 23/24 value per City staff, April 2023.					
	(13) Source: 2 months of O&M expenses plus projected water supply costs to be recovered through future pass-through adjustments.					
	(14) Equals 5% of projected FY 27/28 gross plant, buildings/structures, and land. FY 22/23 value from City asset records, provided by City on 4/17/23. Value adjusted in each year by subtracting depreciation expense and adding projected capital improvement expense. FY 21/22 actual depreciation expense used in this calculation.					
	(15) Source: City staff, April 2023.					
	(16) Source: City staff, 5/2/23 via email, except for Well 26 Property Purchase from City staff 5/30/23. FY 22/23 includes carryover. Costs are adjusted for inflation and do not include any capitalized labor. All labor that would be capitalized is included, for the purposes of this analysis, in the water ops labor charged to Funds 602 and 603, or in other labor included in the 601 Fund.					
	(17) At the end of each year, engineering labor related to capital projects is charged to Fund 602. The cost of this labor is already included in the 601 Fund budget, so it is not included in this analysis as a Fund 602 expense.					
	(18) Includes costs to replace services, hydrants, meters, valves, etc. Source: City staff, 5/2/23 via email					

Table A-9
City of Garden Grove Water Services Department
2023 Water Rate Study

Revenue Calculations

Table A-11-A
Number of Connections per Meter Size

Line	Meter Size	Projected (1)					
		FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
1	5/8" X 3/4" meter	28,529	28,529	28,529	28,529	28,529	28,529
2	1" meter	3,826	3,826	3,826	3,826	3,826	3,826
3	1 1/2" meter	864	864	864	864	864	864
4	2" meter	729	729	729	729	729	729
5	3" meter	57	57	57	57	57	57
6	4" meter	125	125	125	125	125	125
7	6" meter	56	56	56	56	56	56
8	8" meter	2	2	2	2	2	2
9	10" meter	0	0	0	0	0	0
10	Total	34,188	34,188	34,188	34,188	34,188	34,188

Notes:

(1) Number of Customers shown does not include Fire Service connections or abandoned connections. See Table A-2 for additional detail.

Table A-11-B
Number of Meter Equivalents

Meter Size	Projected						Capacity, gpm (1)	Meter Equivalent Ratio (3)
	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28		
11 5/8" X 3/4" meter	28,529	28,529	28,529	28,529	28,529	28,529	20	1.00
12 1" meter	9,565	9,565	9,565	9,565	9,565	9,565	50	2.50
13 1 1/2" meter	4,320	4,320	4,320	4,320	4,320	4,320	100	5.00
14 2" meter	5,832	5,832	5,832	5,832	5,832	5,832	160	8.00
15 3" meter	912	912	912	912	912	912	320	16.00
16 4" meter	3,125	3,125	3,125	3,125	3,125	3,125	500	25.00
17 6" meter	2,800	2,800	2,800	2,800	2,800	2,800	1,000	50.00
18 8" meter	0	0	0	0	0	0	1,600	80.00
19 10" Meter	0	0	0	0	0	0	2,400	120.00
20 Total	55,083	55,083	55,083	55,083	55,083	55,083		

Table A-9
City of Garden Grove Water Services Department
2023 Water Rate Study

Revenue Calculations

Table A-11-C

Projected Revenues from Bi-Monthly Capital Improvement Charge (Adopted Rates), First 8 Months of FY

		Projected Revenues, First 8 Months of FY					
Meter Size		FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
21	5/8 x 3/4" meter	\$798,812	\$798,812	\$798,812	\$798,812	\$798,812	\$798,812
22	1" meter	267,820	267,820	267,820	267,820	267,820	267,820
23	1 1/2" meter	120,960	120,960	120,960	120,960	120,960	120,960
24	2" meter	163,296	163,296	163,296	163,296	163,296	163,296
25	3" meter	25,536	25,536	25,536	25,536	25,536	25,536
26	4" meter	87,500	87,500	87,500	87,500	87,500	87,500
27	6" meter	78,400	78,400	78,400	78,400	78,400	78,400
28	8" meter	4,480	4,480	4,480	4,480	4,480	4,480
29	10" meter	0	0	0	0	0	0
30	Subtotal	\$1,546,804	\$1,546,804	\$1,546,804	\$1,546,804	\$1,546,804	\$1,546,804

Table A-11-D

Projected Revenues from Bi-Monthly Capital Improvement Charge (Adopted Rates), Last 4 Months of FY

		Projected Revenues, Last 4 Months of FY					
Meter Size		FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
31	5/8 x 3/4" meter	\$399,406	\$399,406	\$399,406	\$399,406	\$399,406	\$399,406
32	1" meter	133,910	133,910	133,910	133,910	133,910	133,910
33	1 1/2" meter	60,480	60,480	60,480	60,480	60,480	60,480
34	2" meter	81,648	81,648	81,648	81,648	81,648	81,648
35	3" meter	12,768	12,768	12,768	12,768	12,768	12,768
36	4" meter	43,750	43,750	43,750	43,750	43,750	43,750
37	6" meter	39,200	39,200	39,200	39,200	39,200	39,200
38	8" meter	2,240	2,240	2,240	2,240	2,240	2,240
39	10" meter	0	0	0	0	0	0
40	Subtotal	\$773,402	\$773,402	\$773,402	\$773,402	\$773,402	\$773,402

Total Projected Bi-Monthly Capital Improvement Charge Revenues (Adopted Rates)

		FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
41	Total Projected Revenues	\$2,320,206	\$2,320,206	\$2,320,206	\$2,320,206	\$2,320,206	\$2,320,206

Table A-9
City of Garden Grove Water Services Department
2023 Water Rate Study

Revenue Calculations

Table A-11-E

Projected Revenues from Bi-Monthly Minimum Charge (Adopted Rates)

		Projected Revenues, First 8 Months of FY					
Meter Size		FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
42	5/8 x 3/4" meter	\$3,862,827	\$3,862,827	\$3,862,827	\$3,862,827	\$3,862,827	\$3,862,827
43	1" meter	772,546	772,546	772,546	772,546	772,546	772,546
44	1 1/2" meter	270,259	270,259	270,259	270,259	270,259	270,259
45	2" meter	324,988	324,988	324,988	324,988	324,988	324,988
46	3" meter	45,634	45,634	45,634	45,634	45,634	45,634
47	4" meter	149,960	149,960	149,960	149,960	149,960	149,960
48	6" meter	129,266	129,266	129,266	129,266	129,266	129,266
49	8" meter	7,277	7,277	7,277	7,277	7,277	7,277
50	10" meter	0	0	0	0	0	0
51	Subtotal	\$5,562,757	\$5,562,757	\$5,562,757	\$5,562,757	\$5,562,757	\$5,562,757

		Projected Revenues, First 8 Months of FY					
Meter Size		FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
52	5/8 x 3/4" meter	\$1,931,413	\$1,931,413	\$1,931,413	\$1,931,413	\$1,931,413	\$1,931,413
53	1" meter	386,273	386,273	386,273	386,273	386,273	386,273
54	1 1/2" meter	135,130	135,130	135,130	135,130	135,130	135,130
55	2" meter	162,494	162,494	162,494	162,494	162,494	162,494
56	3" meter	22,817	22,817	22,817	22,817	22,817	22,817
57	4" meter	74,980	74,980	74,980	74,980	74,980	74,980
58	6" meter	64,633	64,633	64,633	64,633	64,633	64,633
59	8" meter	3,639	3,639	3,639	3,639	3,639	3,639
60	10" meter	0	0	0	0	0	0
61	Subtotal	\$2,781,379	\$2,781,379	\$2,781,379	\$2,781,379	\$2,781,379	\$2,781,379

		Total Projected Bi-Monthly Minimum Charge Revenues (Adopted Rates)					
		FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
66	Total Projected Revenues	\$8,344,136	\$8,344,136	\$8,344,136	\$8,344,136	\$8,344,136	\$8,344,136

Table A-9
City of Garden Grove Water Services Department
2023 Water Rate Study

Revenue Calculations
Table A-11-E

Projected Commodity Delivery Charge Revenues (Without Future Pass-Through), Adopted Rates per Ordinance 2890

		FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
67	<u>Tier 1 ccf</u>						
68	July-Feb	4,073,457	4,073,457	4,073,457	4,073,457	4,073,457	4,073,457
69	Mar-June (rate change effective Jan, with 2 month lag)	1,818,150	1,818,150	1,818,150	1,818,150	1,818,150	1,818,150
70	<u>Tier 1 \$/ccf</u>						
71	July-Feb	\$2.86	\$2.86	\$2.86	\$2.86	\$2.86	\$2.86
72	Mar-June (rate change effective Jan, with 2 month lag)	\$2.86	\$2.86	\$2.86	\$2.86	\$2.86	\$2.86
73							
74	Tier 1 Commodity Delivery Charge \$, Excl. Pass Through	\$16,849,994	\$16,849,994	\$16,849,994	\$16,849,994	\$16,849,994	\$16,849,994
75		8,010,990	8,010,990	8,010,990	8,010,990	8,010,990	8,010,990
76	<u>Tier 2 ccf</u>						
77	July-Feb	1,465,342	1,465,342	1,465,342	1,465,342	1,465,342	1,465,342
78	Mar-June	654,042	654,042	654,042	654,042	654,042	654,042
79							
80	<u>Tier 2 \$/ccf</u>						
81	July-Feb	\$4.40	\$4.40	\$4.40	\$4.40	\$4.40	\$4.40
82	Mar-June	\$4.40	\$4.40	\$4.40	\$4.40	\$4.40	\$4.40
83							
84	Tier 2 Commodity Delivery Charge \$, Excl. Pass Through	\$9,325,288	\$9,325,288	\$9,325,288	\$9,325,288	\$9,325,288	\$9,325,288

Table A-9
City of Garden Grove Water Services Department
2023 Water Rate Study

Revenue Calculations

Table A-11-f

Projected Revenues from Bi-Monthly Fire Service Charges Under Existing Rates

Meter Size	Projected Revenues, First 8 Months of FY				
	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
1 1/2" meter	\$36	\$36	\$36	\$36	\$36
2" meter	664	664	664	664	664
3" meter	223	223	223	223	223
4" meter	18,017	18,017	18,017	18,017	18,017
6" meter	120,268	120,268	120,268	120,268	120,268
8" meter	173,141	173,141	173,141	173,141	173,141
10" meter	17,592	17,592	17,592	17,592	17,592
Subtotal	\$329,940	\$329,940	\$329,940	\$329,940	\$329,940
Meter Size	Projected Revenues, Last 4 Months of FY				
	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
1 1/2" meter	\$18	\$18	\$18	\$18	\$18
2" meter	332	332	332	332	332
3" meter	111	111	111	111	111
4" meter	9,008	9,008	9,008	9,008	9,008
6" meter	60,134	60,134	60,134	60,134	60,134
8" meter	86,571	86,571	86,571	86,571	86,571
10" meter	8,796	8,796	8,796	8,796	8,796
Subtotal	\$164,970	\$164,970	\$164,970	\$164,970	\$164,970
Total Projected Revenues	Projected Revenues, Entire FY				
	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Total Projected Revenues	\$494,910	\$494,910	\$494,910	\$494,910	\$494,910

Table A-9
City of Garden Grove Water Services Department
2023 Water Rate Study

Revenue Calculations
Table A-11-F
Projected Pass Through Charge Revenues

	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
110 Projected Water Sales, ccf						
111 July-Feb	5,538,798	5,538,798	5,538,798	5,538,798	5,538,798	5,538,798
112 Mar-Jun	2,472,192	2,472,192	2,472,192	2,472,192	2,472,192	2,472,192
113						
114 Pass Through Charge, \$/ccf						
115 Adopted, July-Feb	\$0.30	\$0.40	\$0.40	\$0.40	\$0.40	\$0.40
116 Draft Calculation, Mar-Jun	\$0.40	\$0.40	\$0.40	\$0.40	\$0.40	\$0.40
117						
118 Pass Through Charge Revenues						
119 July-Feb	\$1,661,640	\$2,215,519	\$2,215,519	\$2,215,519	\$2,215,519	\$2,215,519
120 Mar-June	\$988,877	\$988,877	\$988,877	\$988,877	\$988,877	\$988,877
121 Total	\$2,650,516	\$3,204,396	\$3,204,396	\$3,204,396	\$3,204,396	\$3,204,396

Table A-12
City of Garden Grove Water Services Department
2023 Water Rate Study

Capital Improvement Plan

Line	Fund 602 Water Capital Fund Projects	Carryforward	Estimated Funding, Fund 602 (FY 23/24 Dollars)					Total
			Budget FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	
1	1) Magnolia Reservoirs and Booster Pump Station Project	\$0	\$800,000	\$0	\$0	\$0	\$0	\$800,000
2	2) SCADA Implementation Project	\$436,956	\$400,000	\$1,505,000	\$800,000	\$1,500,000	\$0	\$4,641,956
3	3) SCADA -FP2 Pressure Monitoring Improvements	\$0	\$419,180	\$0	\$0	\$0	\$0	\$419,180
4	4) SCADA - HP4-5 SCADA - Trask & Westhaven	\$0	\$1,450,000	\$0	\$0	\$0	\$0	\$1,450,000
5	5) SCADA - HP1-3 SCADA - Mag, Lampson, & WGG	\$0	\$0	\$900,000	\$0	\$0	\$0	\$900,000
6	6) Water Improvement Project Woodbury Rd and Taft St	\$0	\$0	\$1,200,000	\$0	\$0	\$0	\$1,200,000
7	7) Water Improvement Project - Orangewood and Yorkshire Ave (~7,400 ft)	\$3,956,942	\$0	\$0	\$0	\$0	\$0	\$3,956,942
8	8) Water Improvement Project - Chapman Ave and Dale St (~10,000 ft)	\$0	\$5,000,000	\$0	\$0	\$0	\$0	\$5,000,000
9	9) Well assessment (Well 16, 19, 25)	\$57,142	\$0	\$0	\$0	\$0	\$0	\$57,142
10	10) Well 19 Construction	\$0	\$2,200,000	\$0	\$0	\$0	\$0	\$2,200,000
11	11) Water Improvement Project - Woodbury Ave & Anabel Ave (~3,500 ft)	\$0	\$2,097,545	\$0	\$0	\$0	\$0	\$2,097,545
12	12) Water Main Replacement (2 miles each year)	\$0	\$0	\$0	\$2,084,000	\$4,000,000	\$4,000,000	\$10,084,000
13	13) Design and Construction of Lampson and Trask Reservoirs Rehabilitator	\$0	\$830,000	\$3,000,000	\$3,000,000	\$0	\$0	\$6,830,000
14	14) Various Residential Streets Projects N of GG Blvd & E of Dale	\$0	\$1,200,000	\$0	\$0	\$0	\$0	\$1,200,000
15	15) Water Transmission Line Study	\$0	\$0	\$100,000	\$0	\$0	\$0	\$100,000
16	16) Well 26 Property Purchase			\$1,643,000				\$1,643,000
17	Total	\$4,451,040	\$14,396,725	\$8,348,000	\$5,884,000	\$5,500,000	\$4,000,000	\$42,579,765

Source: City staff, 5/2/23 via email, except for (a) Well 26 Property Purchase from City staff 5/30/23 and Trask & Westhaven SCADA from City staff 6/15/23, and
(b) Woodbury & Anabel Ave 7/27/23 from City staff based on construction bids received

Line	Calculation of Inflation Adjusted Fund 602	Carryforward	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	Total
1	FY 23/24 Dollars, Fund 602 Water Capital Fund							
2	Total expenses without labor	\$4,451,040	\$14,396,725	\$8,348,000	\$5,884,000	\$5,500,000	\$4,000,000	\$42,579,765
3	Labor expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	Total expenses with labor	\$4,451,040	\$14,396,725	\$8,348,000	\$5,884,000	\$5,500,000	\$4,000,000	\$42,579,765
5								
6	Inflation Adjusted Dollars, Fund 602 Water Capital Fund							
7	Total expenses without labor	\$4,451,040	\$14,396,725	\$8,681,920	\$6,272,344	\$6,009,575	\$4,479,865	\$44,291,469
8	Labor expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	Total expenses with labor	\$4,451,040	\$14,396,725	\$8,681,920	\$6,272,344	\$6,009,575	\$4,479,865	\$44,291,469

Line	Fund 603 Water Replacement Fund Projects	Carryforward	FY23/24	Estimated Funding, Fund 603			FY 27/28	Total
				FY 24/25	FY 25/26	FY 26/27		
1	Replacement Expenditures							
2	Water Main Replacement (services, hydrants, meters, valves, etc.)	\$0	\$3,807,227	\$3,500,000	\$3,500,000	\$3,500,000	\$3,500,000	\$17,807,227
3	Total	\$0	\$3,807,227	\$3,500,000	\$3,500,000	\$3,500,000	\$3,500,000	\$17,807,227
4								
5	Calculation of Inflation Adjusted Fund 603							
6	Inflation Adjusted Dollars, Fund 603 Water Replacement Fund							
7	16) Water Main Replacement (services, hydrants, meters, valves, etc.)	\$0	\$3,807,227	\$3,640,000	\$3,731,000	\$3,824,275	\$3,919,882	\$18,922,384

Appendix B: Cost-of-Service Analysis

Table B-1
City of Garden Grove Water Services Department
2023 Water Rate Study

Water System Cost-of-Service Analysis, FY 23/24 - Functionalization Factors

Line No.	Functionalization Factors	Total	Pumping	Storage	T&D	Customer	Meter	Admin	Rate Tier Calculation	Public Fire Protection	Notes
1	Direct: Pumping	100.0%	100.0%								Direct: Pumping
2	Direct: Storage	100.0%		100.0%							Direct: Storage
3	Direct: T&D	100.0%			100.0%						Direct: T&D
4	Direct: Customer	100.0%				100.0%					Direct: Customer
5	Direct: Meter	100.0%					100.0%				Direct: Meter
6	Direct: Admin	100.0%						100.0%			Direct: Admin
7	Direct: Rate Tier Calculation	100.0%							100.0%		Direct: Rate Tier Calculation
8	Direct: Fire Protection	100.0%								100.0%	Direct: Fire Protection
9	Direct: Water Quality	100.0%	50.0%		50.0%						Direct: Water Quality
10	Direct: Water Master Plan	100.0%	25.0%	25.0%	25.0%					25.0%	Direct: Water Master Plan
11	Direct: T&D and Customer	100.0%			50.0%	50.0%					Direct: T&D and Customer
12	Water Production Section Expenses	100.0%	25.0%	25.0%					50.0%		Water Production Section Expense:
13	Distribution Section Expenses	100.0%			79.6%	20.4%					Distribution Section Expenses
14	Debt Service: % (2)	100.0%	11.2%	25.9%	38.5%	5.1%	5.1%	0.1%	9.8%	4.5%	Debt Service
15	603 Fund Replacements	100.0%			76.0%	9.0%	9.0%			6.0%	603 Fund Replacements
16	O&M with Exclusions, Amount	\$8,966,896	\$1,141,719	\$852,399	\$4,246,577	\$917,281	\$58,177	\$459,281	\$1,261,260	\$30,202	O&M with Exclusions
17	O&M with Exclusions, Percentage	100.0%	12.7%	9.5%	47.4%	10.2%	0.6%	5.1%	14.1%	0.3%	O&M with Exclusions
18	Water Use Objectives Compliance	100.0%							100.0%		Water Use Objectives Compliance
19	Package 3114 - Drainage/Misc Maintenance (5)	100.0%			50.0%	50.0%					Package 3114
20	Package 3700 Contractual Expense										Package 3700 Contractual Expense
21	2015 Revenue Bond Debt, Amount (7)	\$39,102,337	\$10,037,785	\$10,064,997	\$4,811,631			\$250,608	\$6,583,958	\$7,353,358	2015 Revenue Bond Debt
22	2015 Revenue Bond Debt, Percentage		25.7%	25.7%	12.3%	0.0%	0.0%	0.6%	16.8%	18.8%	2015 Revenue Bond Debt
23	Rate Revenue Requirement										Rate Revenue Requirement
24	CIP, Amount	\$42,579,765	\$4,082,710	\$11,015,568	\$17,628,661	\$2,385,685	\$2,385,685	\$0	\$3,843,000	\$1,238,457	
25	CIP, Percentage	100.0%	9.6%	25.9%	41.4%	5.6%	5.6%	0.0%	9.0%	2.9%	CIP

Notes for Tables B-1 through B-5

- (1) Not used.
- (2) Refer to Table B-3
- (3) Refer to Table B-3
- (4) Refer to Table B-10
- (5) Per City staff (7/11/17), this is miscellaneous maintenance performed by the Street Department repairing trenches and sidewalks following maintenance of water system facilities.
- (6) Per City staff (7/11/17), natural gas expenses are approximately 70% booster pumping and 30% source production, and electricity expenses are 70% source production and 30% pumping.

Table B-3
City of Garden Grove Water Services Department
2023 Water Rate Study

Water System Cost-of-Service Analysis - Functionalization of Phase 1 CIP

Line	Project	Projected Cost	Pumping	Storage	T&D	Customer	Meter	Admin	Rate Tier Calculation	Public Fire Protection	Total
1	1) Magnolia Reservoirs and Booster Pump Station Project	\$800,000	40%	60%							100.000%
2	2) SCADA Implementation Project	\$4,641,956	50%	50%							100.000%
3	3) SCADA -FP2 Pressure Monitoring Improvements	\$419,180	50%	50%							100.000%
4	4) SCADA - HP4-5 SCADA - Trask & Westhaven	\$1,450,000	50%	50%							100.000%
5	5) SCADA - HP1-3 SCADA - Mag, Lampson, & WGG	\$900,000	50%	50%							100.000%
6	6) Water Improvement Project Woodbury Rd and Taft St	\$1,200,000			80%	6%	6%			8%	100.000%
7	7) Water Improvement Project - Orangewood and Yorkshire Ave (~7,400 ft)	\$3,956,942			76%	9%	9%			6%	100.000%
8	8) Water Improvement Project - Chapman Ave and Dale St (~10,000 ft)	\$5,000,000			76%	9%	9%			6%	100.000%
9	9) Well assessment (Well 16, 19, 25)	\$57,142	100%								100.000%
10	10) Well 19 Construction	\$2,200,000							100%		100.000%
11	11) Water Improvement Project - Woodbury Ave & Anabel Ave (~3,500 ft)	\$2,097,545			100%						100.000%
12	12) Water Main Replacement (2 miles each year)	\$10,084,000			76%	9%	9%			6%	100.000%
13	13) Design and Construction of Lampson and Trask Reservoirs Rehabilitation	\$6,830,000		100%							100.000%
14	14) Various Residential Streets Projects N of GG Blvd & E of Dale	\$1,200,000				50%	50%				100.000%
15	15) Water Transmission Line Study	\$100,000			100%						100.000%
	16) Well 26 Property Purchase	\$1,643,000							100%		100.000%
	Total	\$42,579,765	\$4,082,710	\$11,015,568	\$17,628,661	\$2,385,685	\$2,385,685	\$0	\$3,843,000	\$1,238,457	\$42,579,765
	As Percent	100%	10%	26%	41%	6%	6%	0%	9%	3%	100%

Notes:

- (1) Functionalization percentages developed by FG Solutions based on the communication with the City.
- (2) Source: City staff, 7/6/23 email.
- (3) SCADA facilitates communication between pumps and reservoirs, and are functionalized accordingly.
- (4) per City staff, 7/5/23 email. Percentage allocation to customers, meters, and hydrants is based on the estimated costs of these items. Service lines and meters portion of this project is divided between customer and hydrants.
- (5) This project is entirely the replacement of service lines and meters, per City staff 7/5/23.

Table B-4
City of Garden Grove Water Services Department
2023 Water Rate Study

Water System Cost-of-Service Analysis, FY 17/18 - Functionalization of Debt Service Payments

Line	Debt Issuance (1)	Five Year Total, \$	Pumping	Storage	T&D	Customer	Meter	Admin	Rate Tier Calculation	Fire Protection	Total
1	Existing Debt (1)										
2	Revenue and Refunding Bonds 2015	\$939,300	25.7%	25.7%	12.3%	0.0%	0.0%	0.6%	16.8%	18.8%	100.000%
3	Water Revenue Bonds Series 2020A	\$8,591,275	9.6%	25.9%	41.4%	5.6%	5.6%	0.0%	9.0%	2.9%	100.000%
4											
5	Future Debt										
6	Revenue Bond	\$0									
7	Total	\$9,530,575	\$1,064,888	\$2,464,377	\$3,672,500	\$481,357	\$481,357	\$6,020	\$933,555	\$426,521	
8	As Percent	100%	11.2%	25.9%	38.5%	5.1%	5.1%	0.1%	9.8%	4.5%	

Notes:

Table B-5
City of Garden Grove Water Services Department
2023 Water Rate Study

Water System Cost-of-Service Analysis, FY 23/24 - Functionalization of O & M Expenses Net of PFAS O&M, City Admin, and Street Damages

Line No.	FY 23/24 Total									Table B-1 Line No.	Functionalization Factor
		Pumping	Storage	T&D	Customer	Meter	Admin	Rate Tier Calculations	Fire Protection	Reference	
1	WATER OPS-WATER ADMIN, 50001 - Salaries	\$157,815	\$0	\$0	\$0	\$0	\$157,815	\$0	\$0	6	Direct: Admin
2	WATER OPS-ENG, 50001 - Salaries	\$429,558	\$41,188	\$111,128	\$177,843	\$24,068	\$0	\$38,769	\$12,494	25	CIP
3	WATER OPS-WATER PROD, 50001 - Salaries	\$1,123,223	\$280,806	\$280,806	\$0	\$0	\$0	\$561,611	\$0	12	Water Production Section Expense:
4	WATER OPS-WATER DIST, 50001 - Salaries	\$832,005	\$0	\$0	\$662,523	\$169,483	\$0	\$0	\$0	13	Distribution Section Expenses
5	WATER OPS-WATER QUAL, 50001 - Salaries	\$416,421	\$208,210	\$0	\$208,210	\$0	\$0	\$0	\$0	9	Direct: Water Quality
6	WATER OPS-WATER DIST, 50001 - Salaries	\$11,555	\$0	\$0	\$9,201	\$2,354	\$0	\$0	\$0	13	Distribution Section Expenses
7	WATER OPS-WATER DIST, 50001 - Salaries	\$58,040	\$0	\$0	\$46,217	\$11,823	\$0	\$0	\$0	13	Distribution Section Expenses
8	WATER OPS-WATER DIST, 50001 - Salaries	\$181,056	\$0	\$0	\$144,174	\$36,882	\$0	\$0	\$0	13	Distribution Section Expenses
9	WATER OPS-WATER DIST, 50001 - Salaries	\$18,152	\$0	\$0	\$14,454	\$3,698	\$0	\$0	\$0	13	Distribution Section Expenses
10	WATER OPS-WATER DIST, 50001 - Salaries	\$4,302	\$0	\$0	\$3,425	\$876	\$0	\$0	\$0	13	Distribution Section Expenses
11	WATER OPS-WATER DIST, 50001 - Salaries	\$21,849	\$0	\$0	\$17,398	\$4,451	\$0	\$0	\$0	13	Distribution Section Expenses
12	WATER OPS-WATER DIST, 50001 - Salaries	\$32,798	\$0	\$0	\$26,117	\$6,681	\$0	\$0	\$0	13	Distribution Section Expenses
13	WATER OPS-WATER DIST, 50001 - Salaries	\$168,971	\$0	\$0	\$134,551	\$34,420	\$0	\$0	\$0	13	Distribution Section Expenses
14	WATER OPS-WATER DIST, 50001 - Salaries	\$123,082	\$0	\$0	\$98,009	\$25,072	\$0	\$0	\$0	13	Distribution Section Expenses
15	WATER OPS-WATER DIST, 50001 - Salaries	\$26,548	\$0	\$0	\$21,140	\$5,408	\$0	\$0	\$0	13	Distribution Section Expenses
16	WATER OPS-WATER DIST, 50001 - Salaries	\$56,179	\$0	\$0	\$44,735	\$11,444	\$0	\$0	\$0	13	Distribution Section Expenses
17	WATER OPS-WATER DIST, 50001 - Salaries	\$44,453	\$0	\$0	\$35,398	\$9,055	\$0	\$0	\$0	13	Distribution Section Expenses
18	WATER OPS-WATER DIST, 50001 - Salaries	\$66,271	\$0	\$0	\$52,772	\$13,500	\$0	\$0	\$0	13	Distribution Section Expenses
19	WATER OPS-WATER DIST, 50001 - Salaries	\$95,686	\$0	\$0	\$76,195	\$19,492	\$0	\$0	\$0	13	Distribution Section Expenses
20	WATER OPS-WATER DIST, 50001 - Salaries	\$145,395	\$0	\$0	\$115,778	\$29,618	\$0	\$0	\$0	13	Distribution Section Expenses
21	WATER OPS-WATER DIST, 50001 - Salaries	\$38,605	\$0	\$0	\$30,741	\$7,864	\$0	\$0	\$0	13	Distribution Section Expenses
22	WATER OPS-WATER DIST, 50001 - Salaries	\$20,365	\$0	\$0	\$16,217	\$4,149	\$0	\$0	\$0	13	Distribution Section Expenses
23	WATER OPS-WATER ADMIN, 50007 - Fringe Costs	\$93,858	\$0	\$0	\$0	\$0	\$93,858	\$0	\$0	6	Direct: Admin
24	WATER OPS-ENG, 50007 - Fringe Costs	\$351,164	\$33,671	\$90,848	\$145,387	\$19,675	\$19,675	\$0	\$31,694	25	CIP
25	WATER OPS-WATER PROD, 50007 - Fringe Costs	\$1,080,339	\$270,085	\$270,085	\$0	\$0	\$0	\$540,169	\$0	12	Water Production Section Expense:
26	WATER OPS-WATER DIST, 50007 - Fringe Costs	\$908,603	\$0	\$0	\$723,517	\$185,086	\$0	\$0	\$0	13	Distribution Section Expenses
27	WATER OPS-WATER QUAL, 50007 - Fringe Costs	\$343,172	\$171,586	\$0	\$171,586	\$0	\$0	\$0	\$0	9	Direct: Water Quality
28	WATER OPS-WATER DIST, 50007 - Fringe Costs	\$7,336	\$0	\$0	\$5,842	\$1,494	\$0	\$0	\$0	13	Distribution Section Expenses
29	WATER OPS-WATER DIST, 50007 - Fringe Costs	\$47,938	\$0	\$0	\$38,173	\$9,765	\$0	\$0	\$0	13	Distribution Section Expenses
30	WATER OPS-WATER DIST, 50007 - Fringe Costs	\$151,223	\$0	\$0	\$120,419	\$30,805	\$0	\$0	\$0	13	Distribution Section Expenses
31	WATER OPS-WATER DIST, 50007 - Fringe Costs	\$13,574	\$0	\$0	\$10,809	\$2,765	\$0	\$0	\$0	13	Distribution Section Expenses
32	WATER OPS-WATER DIST, 50007 - Fringe Costs	\$3,278	\$0	\$0	\$2,610	\$668	\$0	\$0	\$0	13	Distribution Section Expenses
33	WATER OPS-WATER DIST, 50007 - Fringe Costs	\$19,838	\$0	\$0	\$15,797	\$4,041	\$0	\$0	\$0	13	Distribution Section Expenses
34	WATER OPS-WATER DIST, 50007 - Fringe Costs	\$19,652	\$0	\$0	\$15,649	\$4,003	\$0	\$0	\$0	13	Distribution Section Expenses
35	WATER OPS-WATER DIST, 50007 - Fringe Costs	\$153,623	\$0	\$0	\$122,330	\$31,294	\$0	\$0	\$0	13	Distribution Section Expenses
36	WATER OPS-WATER DIST, 50007 - Fringe Costs	\$95,805	\$0	\$0	\$76,289	\$19,516	\$0	\$0	\$0	13	Distribution Section Expenses
37	WATER OPS-WATER DIST, 50007 - Fringe Costs	\$22,463	\$0	\$0	\$17,887	\$4,576	\$0	\$0	\$0	13	Distribution Section Expenses
38	WATER OPS-WATER DIST, 50007 - Fringe Costs	\$51,636	\$0	\$0	\$41,117	\$10,518	\$0	\$0	\$0	13	Distribution Section Expenses
39	WATER OPS-WATER DIST, 50007 - Fringe Costs	\$37,038	\$0	\$0	\$29,493	\$7,545	\$0	\$0	\$0	13	Distribution Section Expenses
40	WATER OPS-WATER DIST, 50007 - Fringe Costs	\$51,129	\$0	\$0	\$40,714	\$10,415	\$0	\$0	\$0	13	Distribution Section Expenses
41	WATER OPS-WATER DIST, 50007 - Fringe Costs	\$94,754	\$0	\$0	\$75,452	\$19,302	\$0	\$0	\$0	13	Distribution Section Expenses
42	WATER OPS-WATER DIST, 50007 - Fringe Costs	\$136,189	\$0	\$0	\$108,447	\$27,742	\$0	\$0	\$0	13	Distribution Section Expenses
43	WATER OPS-WATER DIST, 50007 - Fringe Costs	\$32,340	\$0	\$0	\$25,753	\$6,588	\$0	\$0	\$0	13	Distribution Section Expenses

44	WATER OPS-WATER DIST, 50007 - Fringe Costs	\$16,582	\$0	\$0	\$13,204	\$3,378	\$0	\$0	\$0	\$0	13	Distribution Section Expenses
45	WATER OPS-WATER ADMIN, 51001 - CONTRACTUAL SERV	\$66,789	\$0	\$0	\$0	\$0	\$0	\$66,789	\$0	\$0	6	Direct: Admin
46	WATER OPS-CAPITAL, 51001 - CONTRACTUAL SERV	\$136,425	\$13,081	\$35,294	\$56,482	\$7,644	\$7,644	\$0	\$12,313	\$3,968	25	CIP
47	WATER OPS-ENG, 51001 - CONTRACTUAL SERV	\$43,379	\$4,159	\$11,222	\$17,960	\$2,430	\$2,430	\$0	\$3,915	\$1,262	25	CIP
48	WATER OPS-WATER PROD, 51001 - CONTRACTUAL SERV	\$129,530	\$32,383	\$32,383	\$0	\$0	\$0	\$0	\$64,765	\$0	12	Water Production Section Expenses
49	WATER OPS-WATER DIST, 51001 - CONTRACTUAL SERV	\$129,529	\$0	\$0	\$103,143	\$26,386	\$0	\$0	\$0	\$0	13	Distribution Section Expenses
50	WATER OPS-WATER QUAL, 51001 - CONTRACTUAL SERV	\$64,879	\$0	\$0	\$0	\$0	\$0	\$64,879	\$0	\$0	6	Direct: Admin
51	WATER OPS-WATER ADMIN, 51401 - REGISTRATION FEES	\$500	\$0	\$0	\$0	\$0	\$0	\$500	\$0	\$0	6	Direct: Admin
52	WATER OPS-WATER ADMIN, 51402 - TUITION/TRAINING	\$10,998	\$0	\$0	\$0	\$0	\$0	\$10,998	\$0	\$0	6	Direct: Admin
53	WATER OPS-WATER ADMIN, 51404 - CITY MEMBERSHIPS	\$12,835	\$0	\$0	\$0	\$0	\$0	\$12,835	\$0	\$0	6	Direct: Admin
54	WATER OPS-WATER ADMIN, 52001 - COMMODITIES	\$50,894	\$0	\$0	\$0	\$0	\$0	\$50,894	\$0	\$0	6	Direct: Admin
55	WATER OPS-ENG, 52001 - COMMODITIES	\$77,588	\$7,439	\$20,072	\$32,123	\$4,347	\$4,347	\$0	\$7,003	\$2,257	25	CIP
56	WATER OPS-WATER PROD, 52001 - COMMODITIES	\$2,000	\$500	\$500	\$0	\$0	\$0	\$0	\$1,000	\$0	12	Water Production Section Expenses
57	WATER OPS-WATER DIST, 52001 - COMMODITIES	\$279,557	\$0	\$0	\$222,610	\$56,947	\$0	\$0	\$0	\$0	13	Distribution Section Expenses
58	WATER OPS-WATER QUAL, 52001 - COMMODITIES	\$157,176	\$78,588	\$0	\$78,588	\$0	\$0	\$0	\$0	\$0	9	Direct: Water Quality
59	WATER OPS-WATER ADMIN, 52106 - BOOKS/SUBSCRIPTIONS	\$713	\$0	\$0	\$0	\$0	\$0	\$713	\$0	\$0	6	Direct: Admin
60	WATER OPS-ENG, 52106 - BOOKS/SUBSCRIPTIONS	\$237	\$23	\$61	\$98	\$13	\$13	\$0	\$21	\$7	25	CIP
61	Total O&M	\$8,966,890	\$1,141,719	\$852,399	\$4,246,577	\$917,281	\$58,177	\$459,281	\$1,261,260	\$30,202		
	Math Check, Table A-6	\$8,966,890										

Table B-6
City of Garden Grove Water Services Department
2023 Water Rate Study
Water System Cost-of-Service Analysis, FY 23/24 - Functionalization of Rate Revenue Requirement

Line No.	FY 23/24 Total									Table B-1 Line No.	Functionalization Factor
		Pumping	Storage	T&D	Customer	Meter	Admin	Rate Tier Calculations	Fire Protection	Reference	
1	O&M Expenses										
2	O&M Other than PFAS O&M, City Admin, and Street Damage	\$8,966,890	\$1,141,719	\$852,399	\$4,246,577	\$917,281	\$58,177	\$459,281	\$1,261,260	\$30,202	See Table B-5
3	Water Use Objectives Compliance Cost	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,000	\$0	18 Water Use Objectives Compliance
4	Other O&M										
5	Administrative Services Charge	\$1,402,200	\$0	\$0	\$0	\$0	\$1,402,200	\$0	\$0	\$0	6 Direct: Admin
6	Street Repair Costs	\$814,455	\$0	\$0	\$407,228	\$407,228	\$0	\$0	\$0	\$0	11 Direct: T&D and Customer
7	Projected Water Costs										
8	PFAS O&M Costs	\$2,872,745	\$0	\$0	\$0	\$0	\$0	\$0	\$2,872,745	\$0	7 Direct: Rate Tier Calculation
9	Electricity	\$1,111,256	\$0	\$0	\$0	\$0	\$0	\$0	\$1,111,256	\$0	7 Direct: Rate Tier Calculation
10	Natural Gas	\$289,311	\$0	\$0	\$0	\$0	\$0	\$0	\$289,311	\$0	7 Direct: Rate Tier Calculation
11	WOCWB Shared Water Transmission Lines	\$47,208	\$0	\$0	\$0	\$0	\$0	\$0	\$47,208	\$0	7 Direct: Rate Tier Calculation
12	OCWD Replenishment Assessment	\$10,487,623	\$0	\$0	\$0	\$0	\$0	\$0	\$10,487,623	\$0	7 Direct: Rate Tier Calculation
13	MWD Tier 1 Treated Water	\$3,585,842	\$0	\$0	\$0	\$0	\$0	\$0	\$3,585,842	\$0	7 Direct: Rate Tier Calculation
14	MWD Readiness to Serve Charge	\$541,486	\$0	\$0	\$0	\$0	\$0	\$0	\$541,486	\$0	7 Direct: Rate Tier Calculation
15	MWD Capacity Charge	\$207,834	\$0	\$0	\$0	\$0	\$0	\$0	\$207,834	\$0	7 Direct: Rate Tier Calculation
16	MWD Connection Charge	\$492,275	\$0	\$0	\$0	\$0	\$0	\$0	\$492,275	\$0	7 Direct: Rate Tier Calculation
17	MWD Choice Programs	\$28,734	\$0	\$0	\$0	\$0	\$0	\$0	\$28,734	\$0	7 Direct: Rate Tier Calculation
18	OCWD Reimbursement	(\$166,293)	\$0	\$0	\$0	\$0	\$0	\$0	(\$166,293)	\$0	7 Direct: Rate Tier Calculation
19	Debt Service										
20	Existing Revenue Bonds	\$2,659,475	\$297,153	\$687,676	\$1,024,799	\$134,321	\$134,321	\$1,680	\$260,505	\$119,019	14 Debt Service
21	Intercity Loan	\$1,202,496	\$0	\$0	\$601,248	\$601,248	\$0	\$0	\$0	\$0	11 Direct: T&D and Customer
22	Capital Equipment	\$314,000	\$0	\$0	\$314,000	\$0	\$0	\$0	\$0	\$0	3 Direct: T&D
23	Capital Improvements	\$18,847,765	\$1,807,195	\$4,875,998	\$7,803,257	\$1,056,014	\$1,056,014	\$0	\$1,701,089	\$548,198	25 CIP
24	Water Main Replacement	\$3,807,227	\$0	\$0	\$2,893,493	\$342,650	\$342,650	\$0	\$0	\$228,434	15 603 Fund Replacements
25	Plus Revenue Adjustments (Write-offs)	\$55,214	\$0	\$0	\$0	\$0	\$0	\$55,214	\$0	\$0	6 Direct: Admin
26	Less Other Revenues										
27	Other Revenues	(\$97,032)	\$0	\$0	\$0	\$0	\$0	(\$97,032)	\$0	\$0	6 Direct: Admin
28	Investment Income	(\$151,683)	\$0	\$0	\$0	\$0	\$0	(\$151,683)	\$0	\$0	6 Direct: Admin
29	Remaining 2020A Bond Proceeds	(\$6,800,000)	(\$652,010)	(\$1,759,189)	(\$2,815,302)	(\$380,995)	(\$380,995)	\$0	(\$613,728)	(\$197,782)	25 CIP
30	Capital Improvement Charge Revenues	(\$2,369,704)	(\$227,216)	(\$613,053)	(\$981,093)	(\$132,771)	(\$132,771)	\$0	(\$213,876)	(\$68,924)	25 CIP
31	Less Change in Fund Balance	(\$10,494,918)	(\$1,006,293)	(\$2,715,080)	(\$4,345,053)	(\$588,016)	(\$588,016)	\$0	(\$947,210)	(\$305,251)	25 CIP
32	Total Rate Revenue Requirement	\$39,654,407	\$1,360,548	\$1,328,751	\$9,149,154	\$2,356,960	\$489,380	\$1,669,660	\$22,946,061	\$353,896	
33	Math Check Table A-10	\$39,654,407									
		\$0									

Table B-7
City of Garden Grove Water Services Department
2023 Water Rate Study

Water Cost-of-Service Analysis - Allocation Factors

Line No.	Allocation Method	Base	Extra Capacity		Customer		Rate Tier Calculation	Public Fire Protection	Public & Private Fire Protection	Allocation Factors
			Max Day	Max Hour	Customer	Meter				
1	Direct: Base	100%								Direct: Base
2	Direct: Max Day		100%							Direct: Max Day
3	Direct: Max Hour			100%						Direct: Max Hour
4	Direct: Customer				100%					Direct: Customer
5	Direct: Meters & Services					100%				Direct: Meters & Services
6	Direct: Rate Tier Calculation						100%			Direct: Rate Tier Calculation
7	Direct: Fire Protection							100%		Direct: Fire Protection
8	Direct: Purchased Source (1)	50%					50%			Direct: Purchased Source
9	Base and Max Day (gpm) (1)	14,583	4,375							
10	Base and Max Day: %	76.92%	23.08%							Base and Max Day
11	Weighted Average: %	35.29%	9.51%	10.48%	15.67%	3.25%	0.00%	2.35%	23.44%	Weighted Average ex Rate Tier Calc
12	Base, Max Day, Max Hour (gpm) (1)	14,583	4,375	7,292						
13	Base, Max Day, Max Hour: %	55.56%	16.67%	27.78%						Base, Max Day, Max Hour
14	Storage (1)	83.51%	12.87%						3.62%	Storage
15	Administration (3)	35.29%	9.51%	10.48%	15.67%	3.25%	0.00%	2.35%	23.44%	
16	Transmission and Distribution (4)	34.44%	10.33%	17.22%					38.00%	Transmission and Distribution

Notes:

- (1) Refer to Table B-11 for further details.
- (2) Not used.
- (3) Based on a Weighted Average of other items in Table B-8 below excluding Rate Tier Calculations
- (4) 36% allocated to fire protection, remainder is allocated based on the Base, Max Day, and Max Hour classification factor. See Table B-11 for calculation

Table B-8
City of Garden Grove Water Services Department
2023 Water Rate Study

Water Cost-of-Service Analysis - Allocation of Rate Revenue Requirement

Line No.	FY 23/24 Projection	Extra Capacity			Customer		Rate Tier Calculations	Public Fire	Public and Private Fire	Table B-7	
		Base	Max Day (2)	Max Hour(2)	Customer	Meter		Protection	Protection	Line No. Reference	
1	Water System Expenses										
2	Pumping	\$1,360,548	\$1,046,575	\$313,973	\$0	\$0	\$0	\$0	\$0	10	
3	Storage	\$1,328,751	\$1,109,632	\$170,983	\$0	\$0	\$0	\$0	\$48,136	14	
4	T&D	\$9,149,154	\$3,151,375	\$945,413	\$1,575,688	\$0	\$0	\$0	\$3,476,679	16	
5	Customer	\$2,356,960	\$0	\$0	\$0	\$2,356,960	\$0	\$0	\$0	4	
6	Meter	\$489,380	\$0	\$0	\$0	\$0	\$489,380	\$0	\$0	5	
7	Administration (3)	\$1,669,660	\$589,271	\$158,806	\$174,940	\$261,680	\$54,333	\$0	\$39,291	\$391,340	
8	Rate Tier Calculations	\$22,946,061	\$0	\$0	\$0	\$0	\$0	\$22,946,061	\$0	\$0	6
9	Public Fire Protection	\$353,896	\$0	\$0	\$0	\$0	\$0	\$0	\$353,896	\$0	7
10	Reallocate Public FP (4)	\$0	\$0	\$0	\$0	\$1,856,414	\$1,856,414	\$0	(\$393,187)	(\$3,319,641)	Not Applicable
11	Total	\$39,654,410	\$5,896,853	\$1,589,175	\$1,750,628	\$4,475,054	\$2,400,127	\$22,946,061	\$0	\$596,514	
12	Percent of Total	100%	15%	4%	4%	11%	6%	58%	0%	2%	
13	Check, OS	\$39,654,407									

Notes:

- (1) Refer to Table B-5 for Functionalization totals
- (2) Peaking costs associated with Max-Day and Max-Hour extra capacity are also included in the Rate Tier Calculation in Appendix C
- (3) Administrative costs are based on a weighted average of other items in this table except those allocated to the Rate Tier Calculations. They are not allocated to the Rate Tier Calculation to improve the transparency of the Rate Tier Calculation
- (4) See Table B-9

Table B-9
City of Garden Grove Water Services Department
2023 Water Rate Study

Water Cost-of-Service Analysis - Re-Allocate Public Fire Protection Costs

Line			
1	Public and Private Fire Protection Revenue Requirement:	\$3,916,155	See Table B- 7, rows 1 through 9
2	Number of Fire Protection Equivalent Connection:	525,251	See Table B-11, Section 3
3	Annual Cost per Fire Protection Equivalent Connector	\$7.46	
4			
5	Number of Private Fire Protection Equivalent Connection:	80,007	See Table B-11, Section 3
6	Annual Revenue Requirement from Private Fire Protection Equivalent Connection	\$596,514	
7			
8	Number of Public Fire Protection Equivalent Connection:	445,244	See Table B-11, Section 3
9	Annual Revenue Requirement from Public Fire Protection Equivalent Connection		
10	Public and Private Fire Protection Allocation	\$3,319,641	
11	Public Only Fire Protection Allocation	\$393,187	
12	Total	\$3,712,828	
13			
14	50% of this Revenue Will Be Recovered from Customers on a per-Meter Equivalent Basis:	\$1,856,414	
15	50% of this Revenue Will Be Recovered from Customers on a per-Account Basis:	\$1,856,414	
16			
17	Cost recovery by meter equivalent is proposed in this Rate Study because customers with larger meters typically have		
18	larger fire flow requirements. Cost recovery by account is proposed in this Rate Study because the majority of hydrants are in residential area		
19	Cost recovery by meter equivalent and by customer are methods that are listed as alternatives in the		
20	AWWA M1 Manual, 7th Edition, pages 165 and 166 (Table IV.8-5).		

Table B-10
City of Garden Grove Water Services Department
2023 Water Rate Study

Identification of Costs to be Included in Rate Tier Calculations

Costs Classified as Rate Tier Costs		FY 22/23 Rate Tier Costs	Applies to Water Use in Both Tiers	Local Groundwater	Imported Water	Conservation	Which Tier Recovered From
1	O&M Other than PFAS O&M, City Admin, and Street Damages	\$1,261,260		\$1,261,260			Propotional to Groundwater Use in Each Tier
2	Water Use Objectives Compliance Cost	\$2,000,000				\$2,000,000	Tier 2 Only
3	Projected Water Costs						Propotional to Groundwater Use in Each Tier
4	PFAS O&M Costs	\$2,872,745		\$2,872,745			Propotional to Groundwater Use in Each Tier
5	Electricity	\$1,111,256		\$1,111,256			Propotional to Groundwater Use in Each Tier
6	Natural Gas	\$289,311		\$289,311			Propotional to Groundwater Use in Each Tier
7	WOCWB Shared Water Transmission Lines	\$47,208		\$47,208			Propotional to Groundwater Use in Each Tier
8	OCWD Replenishment Assessment	\$10,487,623		\$10,487,623			Propotional to Groundwater Use in Each Tier
9	MWD Tier 1 Treated Water	\$3,585,842			\$3,585,842		Tier 2 Only
10	MWD Readiness to Serve Charge	\$541,486			\$541,486		Tier 2 Only
11	MWD Capacity Charge	\$207,834			\$207,834		Tier 2 Only
12	MWD Connection Charge	\$492,275			\$492,275		Tier 2 Only
13	MWD Choice Programs	\$28,734			\$28,734		
14	OCWD Reimbursement	(\$166,293)		(\$166,293)			Propotional to Groundwater Use in Each Tier
15	Debt Service						
16	Existing Revenue Bonds	\$260,505	\$260,505				Propotional to Groundwater Use in Each Tier
17	Capital Improvements	\$1,701,089	\$1,701,089				Only CIP costs functionalized as Rate Tier (see Table B-1)
18	Remaining 2020A Bond Proceeds	(\$613,728)	(\$613,728)				Propotional to Groundwater Use in Each Tier
19	Capital Improvement Charge Revenues	(\$213,876)	(\$213,876)				Propotional to Groundwater Use in Each Tier
20	Less Change in Fund Balance	(\$947,210)	(\$947,210)				Propotional to Groundwater Use in Each Tier
21	Portion of COSA-Classified as Base, MDD, PHD	\$8,307,139	\$8,307,139				
22	Total	\$31,253,200	\$8,493,919	\$15,903,110	\$4,856,171	\$2,000,000	
Reapportionment of Costs Applicable to Water Use in All Tiers to Groundwater and Imported Water (85% Groundwater, 15% Imported Water)							
Total		\$31,253,200	\$0	\$23,122,942	\$6,130,259	\$2,000,000	

Table B-11
City of Garden Grove - Water Division
2022 Revenue Requirement Update

Supporting Calculations for Cost-of-Service Analysis

1. Package 3700 - Labor Functionalization

Line	Position	Pumping	Storage	T&D	Customer	Meter	Admin	Rate Tier Calculation	Public Fire Protection	FTE Weighting	Note
1	Water Production Group	25%	25%					50%		12.00	1
2	Water Engineering Group, Capital	9.6%	25.9%	41.4%	5.6%	5.6%	0.0%	9.0%	2.9%	3.50	2
3	Water Engineering Group, Operations	7.17%	8.40%	55.37%	12.25%	0.42%	0.00%	16.16%	0.22%	3.50	2
4	Customer Service Workers				100%					3.00	
5	Meter Readers				100%					2.50	
6	Remainder of Water Distribution Group			100%						21.50	3
7	Water Quality Group			70%				30%		4.00	4
8	Management	7.17%	8.40%	55.37%	12.25%	0.42%	0.00%	16.16%	0.22%	4.00	5
9	Total	7.17%	8.40%	55.37%	12.25%	0.42%	0.00%	16.16%	0.22%	54.00	
10											
11	Notes:										
12	(1) Functionalized to 25% pumping, 25% storage, and 50% water production incorporated into the rate tier calculation.										
13	(2) There are 7 engineering FTEs. Split 50/50 between water capital and water operations. Capital group functionalized per the CIP. Operations group functionalized by										
14	a weighted average of all other operation FTEs.										
15	(3) Verified with City staff in 2023 that there are 21.5 FTEs associated with the water distribution system.										
16	(4) Responsible for water quality sampling and testing, and the City's backflow prevention program. Water quality sampling occurs at the source of supply and in the distribution system.										
17	(5) Functionalized based on a weighted average of all other operation FTEs.										
18											

Table B-11
City of Garden Grove - Water Division
2022 Revenue Requirement Update

Supporting Calculations for Cost-of-Service Analysis

3. CY 2022 Average and Maximum Day Water Demand

<u>Average Day Demand</u>	21 MGD (used in the Water Master Plan to define the Capital Improvement Plan)
	14,583 gpm
<u>Maximum Day Demand/Average Day Ratio</u>	
MDD/ADD Peaking Factor (2)	1.30
<u>Max Hour/Average Day Ratio</u>	
PHD/ADD Peaking Factor (2)	1.80

Notes:

(1) Source: Garden Grove 2020 Water Master Plan Update, Table ES-1. The average day demand differs from CY 2022 actual demands, but is the demand used to analyze the water system and develop capital improvements.

(2) Source: Garden Grove 2020 Water Master Plan Update, Table ES-1.

4. Fire Protection Equivalents

Connection Size (in)	Demand Factor (1)	FY 22/23 Public Connections (2)	FY 22/23 Private Connections (2)	Total Connections	Number of Equivalent Fire Protection Connections		
					Public	Private	Total
0.75	1.00	0	0	0	0	0	0
1	1.00	0	0	0	0	0	0
1.5	2.90	0	3	3	0	9	9
2	6.19	0	26	26	0	161	161
3	17.98	0	3	3	0	54	54
4	38.32	0	114	114	0	4,368	4,368
6	111.31	4,000	262	4,262	445,244	29,163	474,407
8	237.21	0	177	177	0	41,986	41,986
10	426.58	0	10	10	0	4,266	4,266
12	689.04	0	0	0	0	0	0
Total		4,000	595	4,595	445,244	80,007	525,251

Notes:

(1) AWWA M1, page 152 (7th edition page 162); demand factor = diameter ^ 2.63; exponent based on Hazen-Williams equation for flow through pressure conduits.

(2) Source: City staff via email, 7/03/23.

Table B-11
City of Garden Grove - Water Division
2022 Revenue Requirement Update

Supporting Calculations for Cost-of-Service Analysis

5. Calculation: Fire Protection Demand (1), and Fire Protection Allocation for Supply, Storage, and T&D

$$\text{Fire Demand (gpm)} = 1020 * \sqrt{\text{population}} / (1 - 0.01 * \sqrt{\text{population}})$$

where population is in thousands

$$\text{Fire Protection Allocation} = \text{Fire Demand} / (\text{Fire Demand} + \text{Maximum Daily Demand})$$

Population for Garden Grove's Water Service Area = 171,183 (2)

Fire demand (gpm) = 11,599

Average Daily Demand ADD (mgd) = 21.00 (3)

Ratio of Max Day to Average Daily Demand = 1.30 (3) (4)

Maximum Daily Demand (mgd) = 27.30

Maximum Daily Demand (gpm) = 18,958

Therefore, Fire Protection Allocation = 38%

Fire Protection Allocation for COS 38%

Calculation notes:

(1) Calculation based on AWWA M1 7th edition, page 159. Calculation published by the American Insurance Association, formerly National Fire Underwriters Association.

(2) Source: Department of Finance, State of California, population estimate 1/1/2023. <https://dof.ca.gov/forecasting/demographics/estimates/e-5-population-and-housing-estimates-for-cities-counties-a>

(3) See calculation above in this worksheet

(4) 2020 Water Master Plan Update, Page 7-3, indicates that the distribution system was analyzed at a condition of max day demand plus fireflow demand.

6. Allocation of Storage to Average Day, Peak Day, and Fire Flow Components

Methodology: Page 8-18, September 2008 Water Master Plan. Average Day Demand from FY 15/16 is used in this analysis.

Operational Storage, 30% of Maximum Day Demand 6.82 2023 Water Master Plan Update, Table 7-5 (Existing System Analysis)

Fire Flow, 4 hours at 4,000 gpm 1.92

Emergency Storage, 100% of Average Day Demand 20.98

Additional Surplus Storage 23.28

Available Storage 53.00

Storage Cost Classification

Function of Reservoir Volume	MG	Avg Day Demand	Peak Day Demand	Fireflow	Total
Operational Storage	6.82		100%		100%
Fire Fighting Storage	1.92			100%	100%
Emergency Storage	20.98	100%			100%
Remainder	23.28	100%			100%
Total	53.00	83.51%	12.87%	3.62%	100%

Appendix C: Rate Design

Table C-1
City of Garden Grove Water Services Department
2023 Water Rate Study
Rate Design Calculations

Step 1. Projected Number of Customers by Meter Size

Meter Size	Current # of Customers, FY 22/23 (1)	Projected Number of Customers					Notes
		FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	
5/8" X 3/4" meter	28,533	28,533	28,533	28,533	28,533	28,533	2
1" meter	3,826	3,826	3,826	3,826	3,826	3,826	
1 1/2" meter	864	864	864	864	864	864	
2" meter	729	729	729	729	729	729	
3" meter	57	57	57	57	57	57	
4" meter	125	125	125	125	125	125	
6" meter	56	56	56	56	56	56	
8" meter	2	2	2	2	2	2	
10" Meter	0	0	0	0	0	0	
Total	34,192	34,192	34,192	34,192	34,192	34,192	

Notes:

(1) Source: City staff 3/27/2023. Excludes fire service connections. See Table A-2 for additional details.

(2) Four connections with no reported meter size in City data are included in this analysis as having 5/8"x3/4" meters.

Step 2. Projected Number of Meter Equivalents by Meter Size

Meter Size	Projected Number of Meter Equivalents					Capacity, gpm (1)	Meter Equivalent Ratio (2)
	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28		
5/8" X 3/4" meter	28,533	28,533	28,533	28,533	28,533	20	1.00
1" meter	9,565	9,565	9,565	9,565	9,565	50	2.50
1 1/2" meter	4,320	4,320	4,320	4,320	4,320	100	5.00
2" meter	5,832	5,832	5,832	5,832	5,832	160	8.00
3" meter	912	912	912	912	912	320	16.00
4" meter	3,125	3,125	3,125	3,125	3,125	500	25.00
6" meter	2,800	2,800	2,800	2,800	2,800	1,000	50.00
8" meter	160	160	160	160	160	1,600	80.00
10" Meter	0	0	0	0	0	2,400	120.00
Total	55,247	55,247	55,247	55,247	55,247		

Notes:

(1) AWWA M1 Manual, Table B-2 (Seventh Edition).

Table C-1
City of Garden Grove Water Services Department
2023 Water Rate Study
Rate Design Calculations

(2) 5/8" X 3/4" meters are assigned a meter equivalent ratio of 1.0 by definition. Rounded to nearest 0.01.

Step 3. Calculate Proposed Bi-Monthly Capital Improvement Charges (Cost-of-Service Based Rates)

Step 3a. Define Capital Improvement Charge Revenue Requirement if Rate Increases Were In Effect for Full Fiscal Year

	As Proposed (Effective for Last 4 Months in FY)				
	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Capital Imp. Charge Revenues Under Existing Rates	\$2,320,206	\$2,320,206	\$2,320,206	\$2,320,206	\$2,320,206
Capital Imp. Charge Revenues from Rate Increases	49,498	201,159	362,526	534,222	678,248
Capital Imp. Charge Revenue Requirement	\$2,369,704	\$2,521,365	\$2,682,732	\$2,854,428	\$2,998,454

	Full Year (Effective for Entire FY)				
	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Capital Imp. Charge Revenues Under Existing Rates	\$2,320,206	\$2,320,206	\$2,320,206	\$2,320,206	\$2,320,206
Capital Imp. Charge Revenues from Rate Increases	148,494	306,491	474,598	653,468	727,810
Capital Imp. Charge Revenue Requirement	\$2,468,700	\$2,626,697	\$2,794,804	\$2,973,674	\$3,048,016
% Increase from Previous Year		6.40%	6.40%	6.40%	2.50%

Step 3b. Calculate Cost-of-Service Bi-Monthly Capital Improvement Charges

Meter Size	Current Charge	Proposed Capital Improvement Charge				
		1/1/24	1/1/25	1/1/26	1/1/27	1/1/28
5/8" X 3/4" meter	\$7.00	\$7.45	\$7.92	\$8.43	\$8.97	\$9.20
1" meter	\$17.50	\$18.62	\$19.81	\$21.08	\$22.43	\$22.99
1 1/2" meter	\$35.00	\$37.24	\$39.62	\$42.16	\$44.85	\$45.98
2" meter	\$56.00	\$59.58	\$63.39	\$67.45	\$71.77	\$73.56
3" meter	\$112.00	\$119.16	\$126.79	\$134.90	\$143.53	\$147.12
4" meter	\$175.00	\$186.19	\$198.10	\$210.78	\$224.27	\$229.88
6" meter	\$350.00	\$372.37	\$396.21	\$421.56	\$448.54	\$459.76
8" meter	\$560.00	\$595.80	\$633.93	\$674.50	\$717.67	\$735.61
10" Meter	\$840.00	\$893.70	\$950.89	\$1,011.75	\$1,076.50	\$1,103.41
Total		\$1.064	\$1.064	\$1.064	\$1.064	\$1.025

Table C-1
City of Garden Grove Water Services Department
2023 Water Rate Study
Rate Design Calculations

Step 3c. Calculate Projected Bi-Monthly Capital Improvement Charge Revenues (Cost-of-Service Rates)

Projected Revenues, First 8 Months of FY					
Meter Size	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
5/8 x 3/4" meter	\$798,924	\$849,994	\$904,394	\$962,274	\$1,023,861
1" meter	267,820	284,940	303,176	322,579	343,225
1 1/2" meter	120,960	128,692	136,928	145,692	155,016
2" meter	163,296	173,734	184,853	196,684	209,272
3" meter	25,536	27,168	28,907	30,757	32,726
4" meter	87,500	93,093	99,051	105,390	112,136
6" meter	78,400	83,412	88,750	94,430	100,473
8" meter	4,480	4,766	5,071	5,396	5,741
10" meter	0	0	0	0	0
Subtotal	\$1,546,916	\$1,645,800	\$1,751,131	\$1,863,203	\$1,982,449

89		Projected Revenues, Last 4 Months of FY					
90	Meter Size	FY 21/22	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
91	5/8 x 3/4" meter		\$424,997	\$452,197	\$481,137	\$511,930	\$524,729
92	1" meter		142,470	151,588	161,290	171,612	175,903
93	1 1/2" meter		64,346	68,464	72,846	77,508	79,446
94	2" meter		86,867	92,427	98,342	104,636	107,252
95	3" meter		13,584	14,454	15,379	16,363	16,772
96	4" meter		46,547	49,526	52,695	56,068	57,469
97	6" meter		41,706	44,375	47,215	50,237	51,493
98	8" meter		2,383	2,536	2,698	2,871	2,942
99	10" meter		0	0	0	0	0
100	Subtotal		\$822,900	\$875,566	\$931,601	\$991,225	\$1,016,005

Projected Revenues, Entire FY					
	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Total Projected Revenues	\$2,369,816	\$2,521,366	\$2,682,733	\$2,854,427	\$2,998,455
Compare with Revenue Requirement	\$2,369,704	\$2,521,365	\$2,682,732	\$2,854,428	\$2,998,454

Step 4. Define Rate Revenue Requirement if Rate Increases Were In Effect for Full Fiscal Year

As Proposed (Effective for Last 4 Months in FY)					
	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Rate Revenues Under Existing Rates	\$38,218,724	\$38,218,724	\$38,218,724	\$38,218,724	\$38,218,724
Rate Revenues from Rate Increases	815,333	3,313,512	5,971,575	8,799,754	11,172,162

Excludes Capital Improvement Charges, Low Water User Disc

Table C-1
City of Garden Grove Water Services Department
2023 Water Rate Study
Rate Design Calculations

113 Rate Revenue Requirement	\$39,034,057	\$41,532,236	\$44,190,299	\$47,018,478	\$49,390,886
114					
115					
116	Full Year (Effective for Entire FY)				
	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
117 Rate Revenues Under Existing Rates	\$38,218,724	\$38,218,724	\$38,218,724	\$38,218,724	\$38,218,724
118 Rate Revenues from Rate Increases	2,445,999	5,048,540	7,817,645	10,763,972	11,988,540
119 Rate Revenue Requirement	\$40,664,723	\$43,267,264	\$46,036,369	\$48,982,696	\$50,207,264
120 % Increase from Previous Year		6.40%	6.40%	6.40%	2.50%

121
122 Note:

123 Rate Revenue Requirement in this Rate Design Section means the revenue requirement from the Bi-Monthly Service Charge,
124 Commodity Delivery Charges, and Fire Service Charges.

125
126

127 **Step 5. Calculate Proposed Fire Service Rates (Cost-of-Service Based Rates)**

128

129 **Step 5a. Calculate FY 23/24 Unit Cost, \$/Equivalent Fire Connection**

130

131 Private Fire Protection Revenue Requirement FY 23/24	\$596,514	See Table B-9
132 Number of Equivalent Private Fire Protection Connections	80,007	See Table B-9
133 FY 23/24 Unit Cost, \$/Equivalent Connection per bi-monthly billing period	\$1.24	Annual \$/Equivalent Connection Divided by 6; See Table B-9

134

135 **Step 5b. Calculate Cost-of-Service Bi-Monthly Fire Service Rate**

136

137

138	139	Connection Size (in)	Demand Factor	Current Rate	Proposed Bi-Monthly Fire Service Rate (1)				
					1/1/2024	1/1/2025	1/1/2026	1/1/2027	1/1/2028
140		0.75	1.00		\$1.24	\$1.32	\$1.40	\$1.49	\$1.53
141		1	1.00		\$1.24	\$1.32	\$1.40	\$1.49	\$1.53
142		1.5	2.90	\$2.99	\$3.61	\$3.84	\$4.09	\$4.35	\$4.46
143		2	6.19	\$6.38	\$7.69	\$8.18	\$8.70	\$9.26	\$9.49
144		3	17.98	\$18.55	\$22.34	\$23.77	\$25.29	\$26.91	\$27.58
145		4	38.32	\$39.51	\$47.62	\$50.67	\$53.91	\$57.36	\$58.79
146		6	111.31	\$114.76	\$138.32	\$147.17	\$156.59	\$166.61	\$170.78
147		8	237.21	\$244.55	\$294.76	\$313.62	\$333.69	\$355.05	\$363.93
148		10	426.58	\$439.79	\$530.08	\$564.01	\$600.11	\$638.52	\$654.48

149

150 Note

151 (1) FY 23/24 rates are intended to collect the FY 23/24 Fire Protection Revenue Requirement if the rate were in effect for the entire Fiscal Year.
152 Rate increases in subsequent years are at the same percentage as the overall revenue requirement increase.

Table C-1
City of Garden Grove Water Services Department
2023 Water Rate Study
Rate Design Calculations

153
154 **Step 5c. Calculate Projected Bi-Monthly Fire Service Rate Revenues (Cost-of-Service Rates)**
155

	Connection Meter Size	No. of Fire Service Connections
159	1 1/2" meter	3
160	2" meter	26
161	3" meter	3
162	4" meter	114
163	6" meter	262
164	8" meter	177
165	10" meter	10

Projected Revenues, First 8 Months of FY					
Meter Size	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
169 1 1/2" meter	\$36	\$43	\$46	\$49	\$52
170 2" meter	664	800	851	905	963
171 3" meter	223	268	285	303	323
172 4" meter	18,017	21,715	23,106	24,583	26,156
173 6" meter	120,268	144,959	154,234	164,106	174,607
174 8" meter	173,141	208,690	222,043	236,253	251,375
175 10" meter	17,592	21,203	22,560	24,004	25,541
176 Subtotal	\$329,940	\$397,679	\$423,125	\$450,204	\$479,018

Projected Revenues, Last 4 Months of FY					
Meter Size	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
180 1 1/2" meter	\$22	\$23	\$25	\$26	\$27
181 2" meter	400	425	452	482	493
182 3" meter	134	143	152	161	165
183 4" meter	10,857	11,553	12,291	13,078	13,404
184 6" meter	72,480	77,117	82,053	87,304	89,489
185 8" meter	104,345	111,021	118,126	125,688	128,831
186 10" meter	10,602	11,280	12,002	12,770	13,090
187 Subtotal	\$198,839	\$211,563	\$225,102	\$239,509	\$245,499

Projected Revenues, Entire FY					
	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
191 Total Projected Revenues	\$528,779	\$609,241	\$648,227	\$689,712	\$724,517

Table C-1
City of Garden Grove Water Services Department
2023 Water Rate Study
Rate Design Calculations

193

194 **Step 6. Calculate Revenue Requirement from Bi-Monthly Service Charge and Commodity Delivery Charge**

195

	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
197 Rate Revenue Requirement (Full Year Implementation, See Step 4 Above)	\$40,664,723	\$43,267,264	\$46,036,369	\$48,982,696	\$50,207,264
199 Less Projected Fire Service Revenues (FullYrImpl)	(\$596,518)	(\$634,688)	(\$675,305)	(\$718,527)	(\$736,498)
200 Revenue Requirement from Bi-Monthly Minimum Charge and Commodity Delivery Charge (Full Year Implementation)	\$40,068,206	\$42,632,577	\$45,361,064	\$48,264,170	\$49,470,766

203

204

205 **Step 7. Define Policy: % of Revenues from Bi-Monthly Minimum Charge**

206 Methodology: this parameter is a user input, developed to even out increases in Bi-Monthly Minimum Charge and Commodity Delivery Charges

207

	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
209 % of Revenues from Bi-Monthly Minimum Charge	22.0%	23.0%	23.0%	23.0%	23.0%

210

211

212 **Step 8. Calculate Bi-Monthly Minimum Charges (Cost-of-Service Based Rates)**

213

214 **Step 8a. Calculate Revenue Requirement from Bi-Monthly Minimum Charges**

215

	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
217 Revenue Requirement from Bi-Monthly Minimum Charge and Commodity Delivery Charge (Full Year Implementation)	\$40,068,206	\$42,632,577	\$45,361,064	\$48,264,170	\$49,470,766
220 Times % of Revenues from Bi-Monthly Min. Chg.	22%	23%	23%	23%	23%
221 Revenue Requirement from Bi-Monthly Min. Chg. (Full Year Implementation)	\$8,815,005	\$9,805,493	\$10,433,045	\$11,100,759	\$11,378,276

223

224 **Step 8b. Define Costs Recovered on a Per Customer Basis and Identify per-Customer Component of Bi-Monthly Minimum Charge**

225

	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	Notes
227 COSA Classification as Customer	\$4,475,054	\$4,654,056	\$4,840,219	\$5,033,827	\$5,033,827	1, 2
228 Number of Customers	34,192	34,192	34,192	34,192	34,192	
229 Per-Customer Component of Bi-Monthly Min. Chg.	\$21.81	\$22.69	\$23.59	\$24.54	\$24.54	

230

231 Notes:

232 (1) FY 23/24 from the Cost-of-Service Analysis. See Table B-8. Cost-of-Service Analysis is abbreviated as COSA in this worksheet.

Table C-1
City of Garden Grove Water Services Department
2023 Water Rate Study
Rate Design Calculations

(2) Subsequent years: costs recovered on a per-customer basis increased by the rate of inflation as most of the customer costs increase with inflation.

Step 8c. Define Costs Recovered on a Per Meter Equivalent Basis and Identify per-Meter Equivalent Component of Bi-Monthly Minimum Charge

	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	Notes
Costs Recovered on a Per-Meter Equivalent Basis						
COSA Classification as Meter Equivalent	\$2,400,127	\$2,496,132	\$2,595,978	\$2,699,817	\$2,699,817	1, 2
COSA Classified as MDD/PHD	\$3,339,802	\$3,473,394	\$3,612,330	\$3,756,823	\$3,756,823	1, 2
Portion of COSA Classified as Base	(\$1,399,979)	(\$818,090)	(\$615,482)	(\$389,708)	(\$112,191)	1, 2, 3
Total	\$4,339,951	\$5,151,436	\$5,592,826	\$6,066,932	\$6,344,449	4
Number of Meter Equivalents	55,247	55,247	55,247	55,247	55,247	
Per-Meter Eq. Component of Bi-Monthly Min. Chg.	\$13.09	\$15.54	\$16.87	\$18.30	\$19.14	

Notes:

(1) FY 23/24 from the Cost-of-Service Analysis. See Table B-8.

(2) Subsequent years: costs recovered on a per-account basis increased by the rate of inflation as most of the customer costs increase with inflation.

(3) The remainder of costs classified in the COSA as Base will be recovered through the Commodity Delivery Charge.

(4) The total cost recovered on a per-Meter Equivalent basis equals the Revenue Requirement from the Bi-Monthly Minimum Charge minus the costs recovered on a per-customer basis.

Step 8.d. Calculate Proposed Bi-Monthly Minimum Charge (Cost-of-Service Rates)

257			Proposed Bi-Monthly Minimum Charge (1)				
258		Current	1/1/2024	1/1/2025	1/1/2026	1/1/2027	1/1/2028
259	Per-Customer Component		\$21.81	\$22.69	\$23.59	\$24.54	\$24.54
260							
261	Per-Meter Equivalent Component						
262	5/8 x 3/4" meter		\$13.09	\$15.54	\$16.87	\$18.30	\$19.14
263	1" meter		\$32.73	\$38.85	\$42.18	\$45.76	\$47.85
264	1 1/2" meter		\$65.46	\$77.70	\$84.36	\$91.51	\$95.70
265	2" meter		\$104.74	\$124.32	\$134.98	\$146.42	\$153.12
266	3" meter		\$209.48	\$248.65	\$269.95	\$292.84	\$306.23
267	4" meter		\$327.31	\$388.52	\$421.80	\$457.56	\$478.49
268	6" meter		\$654.63	\$777.03	\$843.61	\$915.12	\$956.98
269	8" meter		\$1,047.41	\$1,243.25	\$1,349.77	\$1,464.20	\$1,531.17
270	10" meter		\$1,571.11	\$1,864.87	\$2,024.66	\$2,196.29	\$2,296.76

Table C-1
City of Garden Grove Water Services Department
2023 Water Rate Study
Rate Design Calculations

272	Proposed Bi-Monthly Minimum Charge (Cost-of-Service Rates)					
273	5/8 x 3/4" meter	\$33.85	\$34.91	\$38.23	\$40.47	\$42.84
274	1" meter	\$50.48	\$54.54	\$61.54	\$65.77	\$70.29
275	1 1/2" meter	\$78.20	\$87.28	\$100.39	\$107.95	\$116.05
276	2" meter	\$111.45	\$126.55	\$147.01	\$158.57	\$170.96
277	3" meter	\$200.15	\$231.29	\$271.34	\$293.55	\$317.38
278	4" meter	\$299.92	\$349.13	\$411.20	\$445.40	\$482.10
279	6" meter	\$577.08	\$676.44	\$799.72	\$867.20	\$939.66
280	8" meter	\$909.67	\$1,069.22	\$1,265.94	\$1,373.37	\$1,488.73
281	10" meter	\$1,353.12	\$1,592.92	\$1,887.56	\$2,048.26	\$2,220.83
282						
283						
284	Calculation of Proposed Bi-Monthly Minimum Charge Revenues, First Eight Months of FY					
285	5/8 x 3/4" meter	\$3,863,368	\$3,983,883	\$4,362,869	\$4,618,410	\$4,889,359
286	1" meter	\$772,546	\$834,753	\$941,769	\$1,006,602	\$1,075,767
287	1 1/2" meter	\$270,259	\$301,627	\$346,944	\$373,090	\$401,066
288	2" meter	\$324,988	\$369,031	\$428,684	\$462,393	\$498,510
289	3" meter	\$45,634	\$52,735	\$61,865	\$66,929	\$72,362
290	4" meter	\$149,960	\$174,564	\$205,601	\$222,699	\$241,049
291	6" meter	\$129,266	\$151,523	\$179,137	\$194,253	\$210,484
292	8" meter	\$7,277	\$8,554	\$10,127	\$10,987	\$11,910
293	10" meter	\$0	\$0	\$0	\$0	\$0
294	Total	\$5,563,299	\$5,876,670	\$6,536,995	\$6,955,363	\$7,400,506
295						
296	Calculation of Proposed Bi-Monthly Minimum Charge Revenues, Last Four Months of FY					
297	5/8 x 3/4" meter	\$1,991,942	\$2,181,434	\$2,309,205	\$2,444,679	\$2,492,455
298	1" meter	\$417,377	\$470,885	\$503,301	\$537,883	\$553,899
299	1 1/2" meter	\$150,813	\$173,472	\$186,545	\$200,533	\$207,767
300	2" meter	\$184,516	\$214,342	\$231,196	\$249,255	\$259,020
301	3" meter	\$26,368	\$30,932	\$33,465	\$36,181	\$37,708
302	4" meter	\$87,282	\$102,800	\$111,349	\$120,525	\$125,757
303	6" meter	\$75,761	\$89,568	\$97,127	\$105,242	\$109,930
304	8" meter	\$4,277	\$5,064	\$5,493	\$5,955	\$6,223
305	10" meter	\$0	\$0	\$0	\$0	\$0
306	Total	\$2,938,335	\$3,268,498	\$3,477,682	\$3,700,253	\$3,792,759
307						
308	Total Proposed Bi-Monthly Minimum Charge Revenues	\$8,501,634	\$9,145,168	\$10,014,677	\$10,655,616	\$11,193,265
309	(Cost-of-Service Rates)					
310						
311	Bi-Monthly Minimum Charge Rev Req	\$8,471,161	\$9,412,289	\$10,014,677	\$10,655,616	\$11,193,265

Table C-1
City of Garden Grove Water Services Department
2023 Water Rate Study
Rate Design Calculations

312						
313	Difference: Rev Req Minus Projected Revenues	(\$30,473)	\$267,121	\$0	\$0	\$0
314						

315 **Step 9. Define Costs to be Recovered from Commodity Delivery Charges**

316						
317						
318	Revenue Req. from Commodity Delivery Charges	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
319	Rate Revenue Requirement (Full Year	\$40,664,723	\$43,267,264	\$46,036,369	\$48,982,696	\$50,207,264
320	Implementation, See Step 4 Above)					
321	Less Projected Fire Service Revenues (FullYrImpl)	(596,518)	(634,688)	(675,305)	(718,527)	(736,498)
322	Less Bi-Monthly Min. Chg. Rev (FullYrImpl)	(8,815,005)	(9,805,493)	(10,433,045)	(11,100,759)	(11,378,276)
323	Revenue Requirement from Commodity Delivery	\$31,253,200	\$32,827,084	\$34,928,019	\$37,163,411	\$38,092,490
324	Charges (Full Year Implementation)					

327 **Step 10. Calculate Commodity Delivery Charges (Cost-of-Service Based Rates)**

329 **Step 10a. Define Water Supply Sources for Water Sold in Tiers 1 and 2**

330						
331		FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
332	Projected Tier 1 Consumption, ccf/year					
333	July - Feb	4,073,457	4,073,457	4,073,457	4,073,457	4,073,457
334	Mar - June	1,818,150	1,818,150	1,818,150	1,818,150	1,818,150
335	Total	5,891,606	5,891,606	5,891,606	5,891,606	5,891,606
336						73.54%
337	Projected Tier 2 Consumption, ccf/year					
338	July - Feb	1,465,342	1,465,342	1,465,342	1,465,342	1,465,342
339	Mar - June	654,042	654,042	654,042	654,042	654,042
340	Total	2,119,384	2,119,384	2,119,384	2,119,384	2,119,384
341						26.46%
342	Projected Sources of Tier 2 Water, ccf/year					
343	Imported Water	1,201,649	1,201,649	1,201,649	1,201,649	1,201,649
344	Local Groundwater	917,735	917,735	917,735	917,735	917,735
345						56.7%
346	Amount of Local Groundwater Prodcution Sold in Each Tier					43.3%
347	Tier 1	4,973,871	4,973,871	4,973,871	4,973,871	4,973,871
348	Tier 2	917,735	917,735	917,735	917,735	917,735
349	Total	5,891,606	5,891,606	5,891,606	5,891,606	5,891,606
350						

Table C-1
City of Garden Grove Water Services Department
2023 Water Rate Study
Rate Design Calculations

351 Percent of Local Groundwater Production Sold in Each Tier

352 Tier 1	84.4%	84.4%	84.4%	84.4%	84.4%
353 Tier 2	15.6%	15.6%	15.6%	15.6%	15.6%
354 Total	100.0%	100.0%	100.0%	100.0%	100.0%

355

356 Costs to Be Recovered in Tier 1 (Full Yr Implementation)	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
357 Total Revenue Req. from Commodity Delivery Chgs.	\$31,253,200	\$32,827,084	\$34,928,019	\$37,163,411	\$38,092,490
358 Less Costs Recovered from Tier 2	(11,732,118)	(12,020,307)	(12,375,536)	(12,752,408)	(12,926,513)
359 Costs Recovered from Tier 1	\$19,521,082	\$20,806,777	\$22,552,484	\$24,411,003	\$25,165,978

360

361

362

363 Costs to Be Recovered in Tier 2 (Full Yr Implementation)	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	Notes
364 MWD Tier 1 Treated Water	\$3,585,842	\$3,585,842	\$3,585,842	\$3,585,842	\$3,585,842	1, 2
365 MWD Readiness to Serve Charge	541,486	541,486	541,486	541,486	541,486	1, 2
366 MWD Capacity Charge	207,834	207,834	207,834	207,834	207,834	1, 2
367 MWD Connection Charge	492,275	492,275	492,275	492,275	492,275	1, 2
368 MWD Choice Programs	28,734	28,734	28,734	28,734	28,734	1, 2
369 Water Use Objectives Compliance Cost	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	1, 2
370 Plus Portion of Costs Applicable to All Water Use	1,274,088	1,325,051	1,358,178	1,392,132	1,426,935	1, 3
371 Portion of Costs Applicable to Groundwater	3,601,859	3,839,085	4,161,187	4,504,105	4,643,406	1, 4
372 Costs Recovered from Tier 2	\$11,732,118	\$12,020,307	\$12,375,536	\$12,752,408	\$12,926,513	

373

374

375 Total Costs Recovered from Tiers 1 and 2	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	
376 Costs Recovered from Tiers 1 and 2	\$31,253,200	\$32,827,084	\$34,928,019	\$37,163,411	\$38,092,490	Full Year Implementation
377 Math Check	\$31,253,200	\$32,827,084	\$34,928,019	\$37,163,411	\$38,092,490	
378 Math Check: Costs Applicable to Groundwater	\$3,601,859					

379

380 Notes:

381 (1) See Table B-10 and the Operating Statement in Table A-10.

382 (2) MWD costs remain at FY 23/24 values. Future increases recovered through future pass-through adjustments

383 (3) As shown in Table B-10, some costs are applicable to all water use. 15% of these costs are allocated to Tier 2, corresponding to the percentage of imported water.

384 (4) Costs associated with groundwater, times the percent of local groundwater that is sold in Tier 2. Also accounts for full-year implementation effect in calculating Tier 2 rates.

385

386 Step 10.b. Calculation of Proposed Tier 1 Commodity Delivery Charge (Cost-of-Service Rates)

387

388	Current	1/1/2024	1/1/2025	1/1/2026	1/1/2027	1/1/2028
389 Total Tier 1 Costs	\$19,521,082	\$20,806,777	\$22,552,484	\$24,411,003	\$25,165,978	
390 Tier 1 ccf/year	5,891,606	5,891,606	5,891,606	5,891,606	5,891,606	

Table C-1
City of Garden Grove Water Services Department
2023 Water Rate Study
Rate Design Calculations

391 Tier 1 Commodity Delivery Charge, \$/ccf \$3.26 \$3.31 \$3.53 \$3.83 \$4.14 \$4.27

392

393 **Step 10.c. Calculation of Proposed Tier 2 Commodity Delivery Charge (Cost-of-Service Rates)**

394

395

	Current	1/1/2024	1/1/2025	1/1/2026	1/1/2027	1/1/2028
396 Total Tier 2 Costs		\$11,732,118	\$12,020,307	\$12,375,536	\$12,752,408	\$12,926,513
397 Tier 2 ccf/year		2,119,384	2,119,384	2,119,384	2,119,384	2,119,384
398 Tier 2 Commodity Delivery Charge, \$/ccf	\$4.80	\$5.54	\$5.67	\$5.84	\$6.02	\$6.10

399

400

401 **Step 10.d. Calculation of Projected Commodity Delivery Charge Revenues (Cost-of-Service Rates)**

402

403

Tier	Projected Revenues, First 8 Months of FY				
	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
405 Tier 1	\$13,279,469	\$13,483,141	\$14,379,302	\$15,601,339	\$16,864,110
406 Tier 2	7,033,641	8,117,994	8,308,488	8,557,597	8,821,358
407 Subtotal	\$20,313,110	\$21,601,135	\$22,687,790	\$24,158,935	\$25,685,468

408

409

Tier	Projected Revenues, Last 4 Months of FY				
	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
411 Tier 1	\$6,018,076	\$6,418,068	\$6,963,513	\$7,527,140	\$7,763,499
412 Tier 2	3,623,392	3,708,417	3,819,604	3,937,332	3,989,655
413 Subtotal	\$9,641,467	\$10,126,486	\$10,783,118	\$11,464,471	\$11,753,154

414

415

	Projected Revenues, Entire FY				
	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
417 Total Projected Revenues	\$29,954,577	\$31,727,621	\$33,470,908	\$35,623,407	\$37,438,623

418

419 Compare with Revenue Requirement	\$30,034,117	\$31,510,706	\$33,527,396	\$35,673,150	\$37,473,104	
420 Difference: Rev Req Minus Projected Revenues	(\$79,540)	\$216,914	(\$56,488)	(\$49,743)	(\$34,482)	-0.09%

421

422 **Step 11. Calculate Commodity Delivery Charges (Proposed Rates with Rate Transitioning)**

423

424 **Goal: Smoother Transition for Tier 2 Commodity Delivery Charge effective 1/1/24.**

425 **Methodology:**

426 1. Adjust the Tier 1 Charge Effective 1/1/24 is approximately the average of the current and 1/1/25 cost-of-service rate.

427 2. Calculate Additional Revenues Received in FY 23/24 and FY 24/25 from Adjusted Tier 1 Charge

428 3. Reduce Tier 2 Revenues Based on the Additional Revenues Received from Adjusted 1/1/24 Tier 1 Charge

429 4. Calculate Adjusted Tier 2 Commodity Delivery Charges for FY 23/24

430

Table C-1
City of Garden Grove Water Services Department
2023 Water Rate Study
Rate Design Calculations

431 Step 11.1. Summary of Current and Proposed Commodity Delivery Charge

432		Current	1/1/2024	1/1/2025	1/1/2026	1/1/2027	1/1/2028
433							
434	Cost-of-Service Based Rates						
435	Tier 1	\$3.26	\$3.31	\$3.53	\$3.83	\$4.14	\$4.27
436	Tier 2	\$4.80	\$5.54	\$5.67	\$5.84	\$6.02	\$6.10
437							
438	Proposed Rates						
439	Tier 1	\$3.26	\$3.40	\$3.53	\$3.83	\$4.14	\$4.27
440	Tier 2	\$4.80	\$5.29	\$5.67	\$5.84	\$6.02	\$6.10

441

442

443 Step 11.2. Calculate Additional Revenue from 1/1/24 Tier 1 Commodity Delivery Charge

444

445 Increase in 1/1/24 Tier 1 Commodity Delivery Charge, \$/kgal \$0.09

446 Annual Tier 2 ccf during time when 1/1/24 Tier 1 charge is in effect 5,891,606

447 Increase in revenue from 1/1/24 Tier 1 Charge \$530,245

448

449 Step 11.3. Calculate Adjusted 1/1/24 Tier 2 Commodity Delivery Charge

450

451 Annual Tier 2 ccf during time when 1/1/24 Tier 1 charge is in effect 2,119,384

452 Decrease in 1/1/24 Tier 2 Commodity Delivery Charge, \$/ccf

453 Not rounded \$0.2502

454 Rounded \$0.25

455

456

Table C-1
City of Garden Grove Water Services Department
2023 Water Rate Study
Rate Design Calculations

Step 12. Calculate Fire Service Charges (Proposed Charges with Rate Transitioning)

458

459 Goal: Smoother Transition for Fire Service Charges effective 1/1/24.

460 Methodology:

461 1. Adjust Fire Service Charges Effective 1/1/24. The rate effective 1/1/24 is the average of the current rate and the 1/1/25 cost-of-service rate.

462 2. Calculate Reduced Revenues from Adjusted Fire Service Charges

463 3. In Step 12, Recover This Reduced Revenue from Revised Bi-Monthly Minimum Charges.

464

Step 12.1. Adjusted Fire Service Charges Effective 1/1/24

466

Connection Size (in)	Current Rate	Proposed Bi-Monthly Fire Service Charge				
		1/1/2024	1/1/2025	1/1/2026	1/1/2027	1/1/2028
0.75		\$1.24	\$1.32	\$1.40	\$1.49	\$1.53
1.00		\$1.24	\$1.32	\$1.40	\$1.49	\$1.53
1.50	\$2.99	\$3.42	\$3.84	\$4.09	\$4.35	\$4.46
2.00	\$6.38	\$7.28	\$8.18	\$8.70	\$9.26	\$9.49
3.00	\$18.55	\$21.16	\$23.77	\$25.29	\$26.91	\$27.58
4.00	\$39.51	\$45.09	\$50.67	\$53.91	\$57.36	\$58.79
6.00	\$114.76	\$130.97	\$147.17	\$156.59	\$166.61	\$170.78
8.00	\$244.55	\$279.09	\$313.62	\$333.69	\$355.05	\$363.93
10.00	\$439.79	\$501.90	\$564.01	\$600.11	\$638.52	\$654.48

478

479

Step 12.2. Calculate Reduced Revenues from Adjusted Fire Service Charges Effective 1/1/24

481

Connection Size (in)	Number of Connections	1/1/2024 Cost-of-Service Charge	1/1/2024 Adjusted Charge	Change	Annual Revenue Decrease
0.75		\$1.24	\$1.24	\$0.00	\$0.00
1.00		\$1.24	\$1.24	\$0.00	\$0.00
1.50	3	\$3.61	\$3.42	\$0.19	\$3.42
2.00	26	\$7.69	\$7.28	\$0.41	\$63.96
3.00	3	\$22.34	\$21.16	\$1.18	\$21.24
4.00	114	\$47.62	\$45.09	\$2.53	\$1,730.52
6.00	262	\$138.32	\$130.97	\$7.35	\$11,554.20
8.00	177	\$294.76	\$279.09	\$15.67	\$16,641.54
10.00	10	\$530.08	\$501.90	\$28.18	\$1,690.80
Total					\$31,705.68

495

496

Table C-1
City of Garden Grove Water Services Department
2023 Water Rate Study
Rate Design Calculations

Step 13. Calculate Bi-Monthly Minimum Charges (Proposed Rates with Rate Transitioning)

498

499 Goal: Smoother Transition for Bi-Monthly Minimum Charges Effective 1/1/24.

500 Methodology:

501 1. Adjust Bi-Monthly Minimum Charges Effective 1/1/24. The rate effective 1/1/24 is the average of the current rate and the 1/1/25 cost-of-service rate.

502 For all meters except 5/8 x 3/4" meter, the 1/1/24 charge will be the average of the current charge and the 1/1/25 charge.

503 The 1/1/25 charge for 5/8 x 3/4" meter will be calculated to be revenue neutral, collecting additional revenue equal to the

504 decreased revenues from the adjusted Bi-Monthly Minimum Charges and Fire Service Rates.

505 2. Calculate Reduced Revenues from Adjusted Bi-Monthly Minimum Charges

506 3. Recover This Reduced Revenue from Revised Bi-Monthly Minimum Charges from 5/8 x 3/4" meters.

507

Step 13.1. Adjusted Bi-Monthly Minimum Charges Effective 1/1/24

509

Connection Size (in)	Current Rate	Proposed Bi-Monthly Minimum Charge				
		1/1/2024	1/1/2025	1/1/2026	1/1/2027	1/1/2028
5/8 x 3/4" meter	\$33.85	\$35.10	\$38.23	\$40.47	\$42.84	\$43.68
1" meter	\$50.48	\$54.54	\$61.54	\$65.77	\$70.29	\$72.39
1 1/2" meter	\$78.20	\$87.28	\$100.39	\$107.95	\$116.05	\$120.24
2" meter	\$111.45	\$126.55	\$147.01	\$158.57	\$170.96	\$177.65
3" meter	\$200.15	\$231.29	\$271.34	\$293.55	\$317.38	\$330.77
4" meter	\$299.92	\$349.13	\$411.20	\$445.40	\$482.10	\$503.03
6" meter	\$577.08	\$676.44	\$799.72	\$867.20	\$939.66	\$981.52
8" meter	\$909.67	\$1,069.22	\$1,265.94	\$1,373.37	\$1,488.73	\$1,555.71
10" meter	\$1,353.12	\$1,592.92	\$1,887.56	\$2,048.26	\$2,220.83	\$2,321.29

521

522

Step 13.2. Calculate Reduced Revenues from Bi-Monthly Minimum Charges Effective 1/1/24 for All Meter Sizes Except 5/8x3/4"

524

Connection Size (in)	Number of Connections	1/1/2024 Cost-of-Service Charge	1/1/2024 Adjusted Charge	Change	Annual Revenue Decrease
5/8 x 3/4" meter	28,533				
1" meter	3,826	\$54.54	\$54.54	\$0.00	\$0.00
1 1/2" meter	864	\$87.28	\$87.28	\$0.00	\$0.00
2" meter	729	\$126.55	\$126.55	\$0.00	\$0.00
3" meter	57	\$231.29	\$231.29	\$0.00	\$0.00
4" meter	125	\$349.13	\$349.13	\$0.00	\$0.00
6" meter	56	\$676.44	\$676.44	\$0.00	\$0.00
8" meter	2	\$1,069.22	\$1,069.22	\$0.00	\$0.00
10" meter	0	\$1,592.92	\$1,592.92	\$0.00	\$0.00

Table C-1
City of Garden Grove Water Services Department
2023 Water Rate Study
Rate Design Calculations

537 Total \$0.00
538
539 **Step 13.3. Calculate Additional Revenue to be Recovered from Adjusted 5/8x3/4" Bi-Monthly Minimum Charge**
540

541 Adjustment	Amount
542 Fire Service Charge Adjustment	\$31,705.68
543 Bi-Monthly Minimum Charge (1" and Larger Meters) Adjustment	\$0.00
544 Total	\$31,705.68

545
546 **Step 13.4. Calculated Adjusted 5/8x3/4" Bi-Monthly Minimum Charge for 1/1/24**
547

548 Additional Revenue Required	\$31,705.68
549 Number of Connections	28,533
550 Change in Bi-Monthly Minimum Charge	\$0.19
551	
552 Cost-of Service 5/8x3/4" Bi-Monthly Minimum Charge Effective 1/1/24	\$34.91
553 Adjustment	\$0.19
554 Proposed 5/8x3/4" Bi-Monthly Minimum Charge Effective 1/1/24	\$35.10

555
556
557 **Step 14. Calculation of Revenues Under Cost-of-Service Rates and Under Proposed Rates**
558

559 **Step 14.1 Projected Bi-Monthly Service Charge Revenue, Proposed Rates**
560

560	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
561 5/8 x 3/4" meter	\$5,866,152	\$6,187,003	\$6,672,074	\$7,063,090	\$7,381,814
562 1" meter	\$1,189,923	\$1,305,638	\$1,445,070	\$1,544,486	\$1,629,666
563 1 1/2" meter	\$421,072	\$475,099	\$533,489	\$573,623	\$608,833
564 2" meter	\$509,504	\$583,373	\$659,880	\$711,647	\$757,529
565 3" meter	\$72,002	\$83,667	\$95,329	\$103,110	\$110,070
566 4" meter	\$237,242	\$277,364	\$316,950	\$343,224	\$366,806
567 6" meter	\$205,027	\$241,091	\$276,263	\$299,495	\$320,414
568 8" meter	\$11,554	\$13,617	\$15,621	\$16,942	\$18,133
569 10" meter	\$0	\$0	\$0	\$0	\$0
570 Total	\$8,512,477	\$9,166,853	\$10,014,677	\$10,655,616	\$11,193,265

571

Table C-1
City of Garden Grove Water Services Department
2023 Water Rate Study
Rate Design Calculations

Step 14.2. Projected Commodity Delivery Charge Revenues, Proposed Rates

Projected Revenues, First 8 Months of FY					
Tier	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Tier 1	\$13,279,469	\$13,849,752	\$14,379,302	\$15,601,339	\$16,864,110
Tier 2	7,033,641	7,751,659	8,308,488	8,557,597	8,821,358
Subtotal	\$20,313,110	\$21,601,411	\$22,687,790	\$24,158,935	\$25,685,468
Projected Revenues, Last 4 Months of FY					
Tier	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Tier 1	\$6,181,709	\$6,418,068	\$6,963,513	\$7,527,140	\$7,763,499
Tier 2	3,459,881	3,708,417	3,819,604	3,937,332	3,989,655
Subtotal	\$9,641,590	\$10,126,486	\$10,783,118	\$11,464,471	\$11,753,154
Projected Revenues, Entire FY					
	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Total Projected Revenues	\$29,954,700	\$31,727,897	\$33,470,908	\$35,623,407	\$37,438,623

Step 14.3. Projected Fire Service Charge Revenues, Proposed Rates

Projected Revenues, First 8 Months of FY					
Meter Size	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
1 1/2" meter	\$36	\$41	\$46	\$49	\$52
2" meter	\$664	\$757	\$851	\$905	\$963
3" meter	\$223	\$254	\$285	\$303	\$323
4" meter	\$18,017	\$20,561	\$23,106	\$24,583	\$26,156
6" meter	\$120,268	\$137,257	\$154,234	\$164,106	\$174,607
8" meter	\$173,141	\$197,596	\$222,043	\$236,253	\$251,375
10" meter	\$17,592	\$20,076	\$22,560	\$24,004	\$25,541
Subtotal	\$329,940	\$376,541	\$423,125	\$450,204	\$479,018
Projected Revenues, Last 4 Months of FY					
Meter Size	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
1 1/2" meter	\$21	\$23	\$25	\$26	\$27
2" meter	\$379	\$425	\$452	\$482	\$493
3" meter	\$127	\$143	\$152	\$161	\$165
4" meter	\$10,281	\$11,553	\$12,291	\$13,078	\$13,404
6" meter	\$68,628	\$77,117	\$82,053	\$87,304	\$89,489
8" meter	\$98,798	\$111,021	\$118,126	\$125,688	\$128,831
10" meter	\$10,038	\$11,280	\$12,002	\$12,770	\$13,090

Table C-1
City of Garden Grove Water Services Department
2023 Water Rate Study
Rate Design Calculations

612 Subtotal	\$188,271	\$211,563	\$225,102	\$239,509	\$245,499
613					
614					
615		Projected Revenues, Entire FY			
	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
616 Total Projected Revenues	\$518,211	\$588,104	\$648,227	\$689,712	\$724,517

620 **Step 15. Calculate Monthly Bill, 11 ccf/month, 5/8x3/4" Meter**

621							
622		Current	1/1/2024	1/1/2025	1/1/2026	1/1/2027	1/1/2028
623	Bi-Monthly Minimum Charge	\$33.85	\$35.10	\$38.23	\$40.47	\$42.84	\$43.68
624	Commodity Delivery Charge	\$71.72	\$74.80	\$77.66	\$84.26	\$91.08	\$93.94
625	Capital Improvement Charge	\$7.00	\$7.45	\$7.92	\$8.43	\$8.97	\$9.20
626	Total Bi-Monthly Bill	\$112.57	\$117.34	\$123.81	\$133.16	\$142.89	\$146.81
627							
628	Monthly Bill	\$56.29	\$58.67	\$61.91	\$66.58	\$71.45	\$73.41
629	% Increase		4.2%	5.5%	7.5%	7.3%	2.7%

632 **Step 16. Calculate Monthly Bill, 50 Units Apartment Building, 9 ccf/month per unit, 3" Meter**

633							
634		Current	1/1/2024	1/1/2025	1/1/2026	1/1/2027	1/1/2028
635 Bi-Monthly Minimum Charge		\$200.15	\$231.29	\$271.34	\$293.55	\$317.38	\$330.77
636 Commodity Delivery Charge		\$3,506.88	\$3,763.08	\$3,973.08	\$4,194.72	\$4,425.36	\$4,523.76
637 Capital Improvement Charge		\$112.00	\$119.16	\$126.79	\$134.90	\$143.53	\$147.12
638 Total Bi-Monthly Bill		\$3,819.03	\$4,113.53	\$4,371.20	\$4,623.17	\$4,886.27	\$5,001.65
639							
640 Monthly Bill		\$1,909.52	\$2,056.77	\$2,185.60	\$2,311.58	\$2,443.13	\$2,500.83
641 % Increase			7.7%	6.3%	5.8%	5.7%	2.4%

644 **Step 17. Calculate Monthly Bill, Example Commercial, 2" Meter, 500 hcf Bi-Monthly Water Use**

645							
646		Current	1/1/2024	1/1/2025	1/1/2026	1/1/2027	1/1/2028
647 Bi-Monthly Minimum Charge		\$111.45	\$126.55	\$147.01	\$158.57	\$170.96	\$177.65
648 Commodity Delivery Charge		\$1,630.00	\$1,700.00	\$1,765.00	\$1,915.00	\$2,070.00	\$2,135.00
649 Capital Improvement Charge		\$56.00	\$59.58	\$63.39	\$67.45	\$71.77	\$73.56
650 Total Bi-Monthly Bill		\$1,797.45	\$1,886.13	\$1,975.40	\$2,141.02	\$2,312.72	\$2,386.22

Table C-1
City of Garden Grove Water Services Department
2023 Water Rate Study
Rate Design Calculations

652 Monthly Bill	\$898.73	\$943.07	\$987.70	\$1,070.51	\$1,156.36	\$1,193.11
653 % Increase		4.9%	4.7%	8.4%	8.0%	3.2%

City of Garden Grove

INTER-DEPARTMENT MEMORANDUM

To: Lisa L. Kim From: Niki Wetzel
Dept.: City Manager Dept.: Community Development
Subject: Second reading and adoption Date: 11/28/2023
of Ordinance No. 2945

Attached for second reading is Ordinance No. 2945 recommended for adoption.

ATTACHMENTS:

Description	Upload Date	Type	File Name
Ordinance No. 2945	11/16/2023	Ordinance	2945_GG_Ordinance_Flavored_Tobacco.DOCX

ORDINANCE NO. 2945

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF GARDEN GROVE AMENDING
CHAPTER 6.44 OF TITLE 6 OF THE GARDEN GROVE MUNICIPAL CODE PERTAINING
TO REGULATION OF THE SALE OF TOBACCO PRODUCTS

City Attorney Summary

This Ordinance amends Chapter 6.44 (Regulation of the Sale of Tobacco Products) of Title 6 (Health and Sanitation) of the Garden Grove Municipal Code to reflect recent changes in State law concerning tobacco sales and to expressly prohibit the sale of tobacco products to persons under 21 years of age, the sale of tobacco products through vending machines, and the sale of flavored tobacco products.

THE CITY COUNCIL OF THE CITY OF GARDEN GROVE, CALIFORNIA, HEREBY FINDS AND DETERMINES AS FOLLOWS:

WHEREAS, conventional tobacco products including cigars and hookah are also sold in flavors (such as menthol and wintergreen) that can appeal to youths and young adults and influence tobacco initiation and continued use; and

WHEREAS, despite local, State, and federal efforts to limit youth access to tobacco, flavored tobacco and vaping products, minors are still able to access these products; and

WHEREAS, the California Legislature has recognized the danger of tobacco use and has made reducing youth access to tobacco products a high priority, with various tobacco control laws including: the prohibition against the sale or furnishing of tobacco products and smoking paraphernalia to minors (Cal. Pen. Code, § 308); the sale or furnishing of vaping products to minors (Cal. Health & Safety Code, § 119405); and the sale of loose or single cigarettes; and

WHEREAS, the Stop Tobacco Access to Kids Enforcement (STAKE) Act prohibits the sale of tobacco and restricts its access to anyone under 21 years of age, requires tobacco retailers to check the identification of tobacco purchasers who appear to be under 21 years of age, and requires notices to be posted on or around tobacco products (Cal. Bus. & Prof. Code, § 22956); and

WHEREAS, in August 2020, the California Legislature passed, and Governor Newsom signed into law Senate Bill 793 ("SB 793"), prohibiting the sale of most flavored tobacco products (codified at Cal. Health & Safety Code, §104559.5); and

WHEREAS, State law permits local jurisdictions to adopt ordinances that impose greater restrictions on the access to tobacco products than the restrictions imposed by State law; and

WHEREAS, the City of Garden Grove desires to update its Municipal Code to reflect recent changes in State law concerning tobacco sales, and to expressly prohibit the sale of tobacco products to persons under 21 years of age, the sale of tobacco products through vending machines, and the sale of flavored tobacco products; and

WHEREAS, the City Council finds that the proposed Ordinance is exempt from the California Environmental Quality Act ("CEQA"), Cal. Pub. Resources Code Section 21000 et seq. pursuant to Section 15061 of the State CEQA Guidelines (Cal. Code of Regs., Title 14, Section § 15061(b)(3)) because it can be seen with certainty that adoption of the proposed Ordinance will not have a significant effect on the environment.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF GARDEN GROVE DOES HEREBY ORDAIN AS FOLLOWS:

SECTION 1 The City Council finds that the above recitals are true and correct.

SECTION 2 Chapter 6.44 (Regulation of the Sale of Tobacco Products) of Title 6 (Health and Sanitation) of the Garden Grove Municipal Code is hereby amended as follows (deletions in ~~strikeout~~ text; additions in **bold/underline** text):

Chapter 6.44 REGULATION OF THE SALE OF TOBACCO PRODUCTS

6.44.010 Definitions

The following words and phrases, whenever used in this chapter, shall be construed as defined in this section:

"Characterizing flavor" means a distinguishable taste or aroma, or both, other than the taste or aroma of tobacco, imparted by a tobacco product or any byproduct produced by the tobacco product. Characterizing flavors include, but are not limited to, tastes or aromas relating to any fruit, vanilla, chocolate, honey, candy, cocoa, dessert, alcoholic beverage, menthol, mint, wintergreen, herb, or spice. A tobacco product shall not be determined to have a characterizing flavor solely because of the use of additives or flavorings or the provision of ingredient information. Rather, it is the presence of a distinguishable taste or aroma, or both, as described in the first sentence of this definition, that constitutes a characterizing flavor.

"Constituent" means any ingredient, substance, chemical, or compound, other than tobacco, water, or reconstituted tobacco sheet, that is added by the manufacturer to a tobacco product during the processing, manufacture, or packing of the tobacco product.

"Employee" means any person who is employed by any employer in consideration for direct or indirect wages or profit, and any person who volunteers his or her services for a nonprofit entity.

"Flavored tobacco product" means any tobacco product that contains a constituent that imparts a characterizing flavor.

"Hookah" means a type of waterpipe, used to smoke shisha or other tobacco products, with a long flexible tube for drawing aerosol through water. Components of a hookah may include heads, stems, bowls, and hoses.

"Hookah tobacco retailer" means a tobacco retailer that is engaged in the retail sale of shisha tobacco products, hookah, and hookah smoking accessories.

"Minor" means any person under the age of 18 years.

"Nonprofit entity" means any corporation, unincorporated association, or other entity created for charitable, philanthropic, education character-building, political, social, or other similar purpose, the net proceeds from the operations of which are committed to the promotion of the objectives or purposes of the entity and not to private gain. A public agency is not a "nonprofit entity" within the meaning of this section.

"Self-service display" means any open display of tobacco products and point-of-sale tobacco-related promotional products that the public has access to without the intervention of an employee.

"Shisha tobacco product" means a tobacco product smoked or intended to be smoked in a hookah. "Shisha tobacco product" includes, and maybe referred to as, hookah tobacco, waterpipe tobacco, maassel, narghile, and argileh. "Shisha tobacco product" does not include any electronic devices, such as an electronic hookah, electronic cigarette, or electronic tobacco product.

"Tobacco product" means **a tobacco product as defined in Section 104495 of the California Health and Safety Code, as that provision may be amended from time to time, including but not limited to the following:** ~~any tobacco cigarette, cigar, pipe tobacco, smokeless tobacco, snuff, or any other form of tobacco that may be utilized for smoking, chewing, inhaling, or other manner of ingestion.~~

- A. A product containing, made, or derived from tobacco or nicotine that is intended for human consumption, whether smoked, heated, chewed, absorbed, dissolved, inhaled, snorted, sniffed, or ingested by any other means, including, but not limited to, cigarettes, cigars, little cigars, chewing tobacco, pipe tobacco, or snuff.**
- B. An electronic device that delivers nicotine or other vaporized liquids to the person inhaling from the device, including, but not limited to, an electronic cigarette, cigar, pipe, or hookah.**
- C. Any component, part, or accessory of a tobacco product, whether or not sold separately.**

"Tobacco product flavor enhancer" means a product designed, manufactured, produced, marketed, or sold to produce a characterizing flavor when added to a tobacco product.

"Tobacco retailer" means any person or governmental entity that operates a store, stand, booth, **vending machine**, concession, or other place at which sales of tobacco products are made to purchasers for consumption or use.

"Vendor-assisted" means that only a store employee has access to the tobacco product and assists a customer by supplying the tobacco product, and the customer does not take possession of the tobacco product until it is purchased.

6.44.020 Prohibitions

A. No person, business, tobacco retailer, or owner, manager, or employee of a business or tobacco retailer shall be engaged in the sale of tobacco products without first posting a plainly visible sign at the point of purchase of tobacco products that **complies with all requirements established by the State Department of Public Health pursuant to subdivision (b) of section 22952 of the California Business and Professions Code.** ~~has wording substantially similar to:~~

~~THE SALE OF TOBACCO PRODUCTS TO PERSONS UNDER THE AGE OF 18 YEARS IS PROHIBITED BY LAW AND SUBJECT TO PENALTIES. PHOTO IDENTIFICATION IS REQUIRED OF PURCHASERS APPEARING TO BE UNDER 21 YEARS OF AGE.~~

~~The letters of the sign shall be at least one-half inch high.~~

B. No person, business, tobacco, retailer or owner, manager, or employee of any business or tobacco retailer shall sell, offer to sell or permit to be sold, any tobacco product to any purchaser who appears to be under ~~18~~ **21** years of age, without first verifying by means of photographic identification containing the bearer's date of birth, that the purchaser is not under ~~18~~ **21** years of age, unless the seller has some other reasonable and reliable basis for determining the purchaser's age.

C. No person, business, tobacco retailer, or owner, manager, or employee of any business or tobacco retailer shall sell, offer to sell, or permit to be sold, any tobacco product not in the original packaging provided by the manufacturer and with all required health warnings.

D. No person, business or tobacco retailer or owner, manager, or employee of any business or tobacco retailer shall sell, offer for sale, display for sale, or permit to be sold, offered for sale, or displayed for sale, any tobacco product by means of self-service display, **vending machine**, or by any means other than vendor-assisted sales.

E. No person, business or tobacco retailer or owner, manager, or employee of any business or tobacco retailer shall sell, offer for sale, display

for sale, or permit to be sold, offered for sale, or displayed for sale, any flavored tobacco product or tobacco product flavor enhancer. There is a rebuttable presumption that a tobacco product is a flavored tobacco product if a manufacturer or any of the manufacturer's agents or employees, in the course of their agency or employment, has made a statement or claim directed to consumers or to the public that the tobacco product has or produces a characterizing flavor, including, but not limited to, text, color, and/or images on the product's labeling or packaging that are used to explicitly or implicitly communicate that the tobacco product has characterizing flavor.

6.44.030 Exceptions

A. Section 6.44.020(A), (B), (C) and (D) shall not apply to any establishment where access to the premises by persons under ~~18~~**21** years of age is prohibited by law.

B. **Section 6.44.020(E) shall not apply to loose leaf tobacco or premium cigars, as defined in Section 104495.5 of the California Health and Safety Code.**

C. **Section 6.44.020(E) shall not apply to the sale of flavored shisha tobacco products by a lawfully established and duly licensed hookah tobacco retailer, provided the hookah tobacco retailer does not permit any person under 21 years of age to be present or enter the premises at any time and operates in compliance with all applicable state and local laws.**

SECTION 3: If any section, subsection, subdivision, sentence, clause, phrase, word, or portion of this Ordinance is, for any reason, held to be invalid or unconstitutional by the decision of any court of competent jurisdiction, such decision shall not affect the validity of the remaining portions of this Ordinance. The City Council hereby declares that it would have adopted this Ordinance and each section, subsection, subdivision, sentence, clause, phrase, word, or portion thereof, irrespective of the fact that any one or more sections, subsections, subdivisions, sentences, clauses, phrases, words or portions thereof be declared invalid or unconstitutional.

SECTION 4: Nothing in this chapter shall be interpreted or applied so as to create any requirement, power, or duty that is preempted by federal or state law.

SECTION 5: The Mayor shall sign and the City Clerk shall certify to the passage and adoption of this Ordinance and shall cause the same, or the summary thereof, to be published and posted pursuant to the provisions of law and this Ordinance shall take effect thirty (30) days after adoption.

The foregoing Ordinance was passed by the City Council of the City of Garden Grove on the ____ day of _____.

ATTEST:

MAYOR

CITY CLERK

STATE OF CALIFORNIA)
COUNTY OF ORANGE) SS:
CITY OF GARDEN GROVE)

I, TERESA POMEROY, City Clerk of the City of Garden Grove, do hereby certify that the foregoing Ordinance was introduced for first reading and passed to second reading on November 14, 2023, with a vote as follows:

AYES:	COUNCIL MEMBERS:	(6)	O'NEILL, TRAN, DOVINH, KLOPFENSTEIN, NGUYEN-PENALOZA, JONES
NOES:	COUNCIL MEMBERS:	(0)	NONE
ABSTAIN:	COUNCIL MEMBERS:	(1)	BRIETIGAM

City of Garden Grove

INTER-DEPARTMENT MEMORANDUM

To: Lisa L. Kim From: Niki Wetzel
Dept.: City Manager Dept.: Community Development
Subject: Second reading and adoption Date: 11/28/2023
of Ordinance No. 2946

Attached for second reading is Ordinance No. 2946 recommended for adoption.

ATTACHMENTS:

Description	Upload Date	Type	File Name
Ordinance No. 2946	11/16/2023	Ordinance	2946_GG_Ordinance_A-038-2023(A)_(Cannabis).DOCX

ORDINANCE NO. 2946

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF GARDEN GROVE APPROVING
A ZONING TEXT AMENDMENT TO CHAPTER 9.52 OF TITLE 9 OF THE GARDEN GROVE
MUNICIPAL CODE PERTAINING TO RETAIL SALE BY DELIVERY OF MEDICINAL
CANNABIS

City Attorney Summary

This Ordinance amends Chapter 9.52 (Cannabis Activities) of Title 9 (Land Use) of the Garden Grove Municipal Code to permit the retail sale by delivery of medicinal cannabis in the City subject to specified regulations in compliance with State law.

THE CITY COUNCIL OF THE CITY OF GARDEN GROVE, CALIFORNIA,
HEREBY FINDS AND DETERMINES AS FOLLOWS:

WHEREAS, the City of Garden Grove currently prohibits the delivery of medicinal cannabis within the City limits; and

WHEREAS, SB 1186 (Chapter 395, Statutes of 2022), known as the Medicinal Cannabis Patients' Right of Access Act ("Act"), prohibits local jurisdictions, beginning January 1, 2024, from adopting or enforcing any regulation that prohibits, or has the effect of prohibiting, the retail sale by delivery within the jurisdiction of medicinal cannabis to medicinal cannabis patients or their primary caregivers by licensed medicinal cannabis businesses in a timely and readily accessible manner, and in types and quantities that are sufficient to meet demand from medicinal cannabis patients within the local jurisdiction ; and

WHEREAS, the Act permits local jurisdictions to adopt and enforce reasonable regulations on retail sale by delivery of medicinal cannabis; and

WHEREAS, the Act does not limit or otherwise affect the ability of a local jurisdiction to adopt and enforce any regulations on commercial cannabis operations other than retail sale by delivery of medicinal cannabis in the local jurisdiction; and

WHEREAS, Amendment No. A-038-2023(A) was initiated by the City of Garden Grove and includes a zoning text amendment to Chapter 9.52 of the Garden Grove Municipal Code to establish an exception in accordance with the Act to permit and regulate the retail sale by delivery of medicinal cannabis within the City; and

WHEREAS, the City Council finds that there are presently more than thirty (30) licensed medicinal cannabis retailers located within a 15 mile radius of the City of Garden Grove from which retail sale by delivery of medicinal cannabis in the City is or may be available; therefore, prohibiting the establishment of physical premises within the City from which retail sale by delivery of medicinal cannabis is conducted will not have the effect of prohibiting the retail sale by delivery of medicinal cannabis to medicinal cannabis patients or their primary caregivers in a timely and readily accessible manner in types and quantities that are sufficient to meet demand from medicinal cannabis patients who reside in the City; and

WHEREAS, the City Council finds that the proposed Ordinance is exempt from the California Environmental Quality Act ("CEQA"), Cal. Pub. Resources Code Section 21000 et seq. pursuant to Section 15061(b)(3) of the State CEQA Guidelines (Cal. Code of Regs., Title 14, Section 15064(b)(3)) because it can be seen with certainty that there is no possibility that the proposed Ordinance may have a significant effect on the environment.

WHEREAS, following a public hearing held on October 19, 2023, the Garden Grove Planning Commission adopted Resolution No. 6071-23 recommending that the City Council approve Zoning Text Amendment No. A-038-2023(A) and adopt the proposed Ordinance; and

WHEREAS, a duly noticed public hearing regarding Amendment No. A-038-2023(A) was held by the City Council on November 14, 2023 and all interested persons were given an opportunity to be heard; and

WHEREAS, the City Council of the City of Garden Grove gave due and careful consideration to the matter during its meeting of November 14, 2023, and considered all oral and written testimony presented; and

WHEREAS, the City Council hereby makes the following findings regarding Zoning Text Amendment No. A-038-2023(A):

- A. Amendment No. A-038-2023(A) is internally consistent with the goals, objectives and elements of the City's General Plan as described in the Findings and Reasons of Planning Commission Resolution No. 6071-23.
- B. Amendment No. A-038-2023(A) will promote the public interest, health, safety, and welfare as described in the Findings and Reasons of Planning Commission Resolution No. 6071-23.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF GARDEN GROVE DOES HEREBY ORDAIN AS FOLLOWS:

SECTION 1: The City Council finds that the above recitals are true and correct.

SECTION 2: Amendment No. A-038-2023(A) is hereby approved pursuant to the findings set forth herein and the facts and reasons stated in Planning Commission Resolution No. 6071-23 a copy of which is on file in the Office of the City Clerk, and which is incorporated herein by reference with the same force and effect as if set forth in full.

SECTION 3: Subsection (C) of Section 9.52.020 (Cannabis Dispensaries and Delivery Prohibited) of Chapter 9.52 (Cannabis Activities) of Title 9 (Land Use) of the Garden Grove Municipal Code is hereby amended to read as follows (additions in **bold/underline** text):

C. Exemptions.

(1) Pursuant and subject to Proposition 64 adopted by the State voters in November 2016, this section shall not prohibit: (1) the possession, planting, cultivation, harvesting, drying, or processing of up to six marijuana plants by persons 21 years of age or older inside a private residence, or inside an accessory structure to a private residence located upon the grounds of a private residence that is fully enclosed and secure; or (2) the possession of, or giving away of, the marijuana produced by such plants to persons 21 years of age or older.

(2) (a) Pursuant and subject to SB 1186 (Chapter 395, Statutes of 2022), known as the Medicinal Cannabis Patients' Right of Access Act, subject to the provisions of this subsection C(2), this section shall not prohibit the retail sale by delivery within the City of medicinal cannabis to medicinal cannabis patients or their primary caregivers by a medicinal cannabis business from a fixed location outside of the City. For purposes of this subsection (C)(2), the terms "medicinal cannabis," "medicinal cannabis business," and "medicinal cannabis patient" shall have the same meaning as defined in Section 26321 of the California Business and Professions Code.

(b) Medicinal cannabis businesses engaging in the retail sale by delivery of medicinal cannabis within the City shall be subject to the following requirements:

(i) Each medicinal cannabis business engaging in the retail sale by delivery of medicinal cannabis in the City shall obtain and maintain a City of Garden Grove business tax certificate pursuant to Title 5 (Business Operation Taxes, Permits and Regulations) of the Garden Grove Municipal Code.

(ii) Each medicinal cannabis business shall maintain an active M-license issued by the State of California and all applicable permits and/or licenses required by the local jurisdiction in which the business is located. The business shall submit a copy of any and all of its State and local licenses and permits required for its operation to the City's Tax Administrator prior to issuance or renewal of a business tax certificate. The business shall notify the City's Tax Administrator if any applicable State or local license or permit required for its operation expires or is denied, suspended, modified, revoked.

(iii) Each medicinal cannabis business and employee of a medicinal cannabis business engaged in the retail sale by delivery of medicinal cannabis in the City shall at all times comply with all

applicable regulations promulgated by the California Department of Cannabis Control, including, but not limited to, the regulations pertaining to the delivery of cannabis set forth in Cal. Code of Regs., tit. 4, sections 15415 through 15421.

(iv) In accordance with Subsection A above, the retail sale by delivery of adult-use cannabis is prohibited throughout the City. Only the retail sale by delivery of medicinal cannabis or medicinal cannabis products in the City as required by State law is permitted. A medicinal cannabis business or employee of a medicinal cannabis business shall not sell or offer for sale any cannabis accessories or branded merchandise of any kind concurrently or in conjunction with the retail sale of medicinal cannabis or medicinal cannabis products in the City.

(v) All deliveries of medicinal cannabis shall be performed by a delivery employee who is directly employed by the medicinal cannabis business. Each medicinal cannabis business shall maintain an accurate list of its delivery employees and shall provide the list to the City upon request. Each delivery employee engaging in the retail sale by delivery of medicinal cannabis in the City shall carry during deliveries and immediately provide upon request by the City or any law enforcement officer the following: a copy of the current business tax certificate issued to the medicinal cannabis business; a copy of the current license or licenses issued to the medical cannabis business by the State Department of Cannabis Control which authorize it to engage in the retail sale of medicinal cannabis; a copy of the QR Code certificate issued by the State Department of Cannabis Control; the employee's government-issued identification; an identification badge provided by the employer; delivery inventory ledgers from the time the employee left the employer's premises; all delivery receipts for cannabis goods carried by the delivery employee, in the delivery vehicle, or any deliveries that have already been made to customers; and a log of all stops from the time the employee left the employer's premises. A delivery employee shall not carry cannabis goods valued in excess of five thousand dollars (\$5,000) at any time while engaged in the retail sale by delivery of medicinal cannabis in the City.

(vi) All deliveries of medicinal cannabis must be made to a physical address that is not located on publicly owned land, on land or in a building leased by a public agency, a school providing instruction in kindergarten or any grades one through twelve, a day care center, or a youth center. A licensed retailer shall only sell medicinal cannabis goods to individuals who are at least 18 years of age and possesses a valid physician's recommendation

after confirming the customer's age, identity, and physician's recommendation.

(vii) Each medicinal cannabis business shall maintain an accurate list of all vehicles used by its employees to deliver medicinal cannabis in the City, including each vehicles' make, model, year, color, license plate number, vehicle identification number (VIN), and Department of Motor Vehicles registration information, along with proof of current automobile liability insurance for each such vehicle as required by State law, and shall provide such list and proof of automobile insurance to the City upon request, in the event of any changes, and prior to issuance or renewal of a business tax certificate. Retail sale by delivery of medicinal cannabis in the City may only be conducted using a properly insured vehicle that is identified on the most current list provided to the City and that is outfitted with a dedicated Global Positioning System (GPS) device for identifying the geographic location of the delivery vehicle and recording a history of all locations traveled to by the delivery employee while engaged in delivery, as provided by State law. In accordance with State law, a delivery vehicle shall not have any marking or other indications on the exterior of the vehicle that may indicate that the delivery employee is carrying cannabis goods for delivery.

(c) This Subsection C(2) only authorizes the retail sale by delivery of medicinal cannabis by a licensed medical cannabis business from a fixed premises located outside of the City. Nothing in this section shall be construed to permit the establishment of a cannabis dispensary or other physical premises from which retail sale by delivery of medicinal cannabis within the City is conducted.

(d) Nothing in this subsection C(2) is intended to or shall be interpreted to prohibit medicinal cannabis patients or their caregivers from purchasing by delivery sufficient medicinal cannabis to meet their demands in a timely and readily accessible manner.

SECTION 4: If any section, subsection, subdivision, sentence, clause, phrase, word, or portion of this Ordinance is, for any reason, held to be invalid or unconstitutional by the decision of any court of competent jurisdiction, such decision shall not affect the validity of the remaining portions of this Ordinance. The City Council hereby declares that it would have adopted this Ordinance and each section, subsection, subdivision, sentence, clause, phrase, word, or portion thereof, irrespective of the fact that any one or more sections, subsections, subdivisions, sentences, clauses, phrases, words or portions thereof be declared invalid or unconstitutional.

SECTION 5: The Mayor shall sign and the City Clerk shall certify to the passage and adoption of this Ordinance and shall cause the same, or the summary thereof, to be published and posted pursuant to the provisions of law and this Ordinance shall take effect thirty (30) days after adoption or on January 1, 2024, whichever is later.

The foregoing Ordinance was passed by the City Council of the City of Garden Grove on the ____ day of _____.

ATTEST:

MAYOR

CITY CLERK

STATE OF CALIFORNIA)
COUNTY OF ORANGE) SS:
CITY OF GARDEN GROVE)

I, TERESA POMEROY, City Clerk of the City of Garden Grove, do hereby certify that the foregoing Ordinance was introduced for first reading and passed to second reading on November 14, 2023, with a vote as follows:

AYES:	COUNCIL MEMBERS:	(7)	O'NEILL, TRAN, DOVINH, KLOPFENSTEIN, NGUYEN-PENALOZA, BRIETIGAM, JONES
NOES:	COUNCIL MEMBERS:	(0)	NONE
ABSENT:	COUNCIL MEMBERS:	(0)	NONE

City of Garden Grove

INTER-DEPARTMENT MEMORANDUM

To: Lisa L. Kim From: Niki Wetzel
Dept.: City Manager Dept.: Community Development
Subject: Second reading and adoption Date: 11/28/2023
of Ordinance No. 2947

Attached for second reading is Ordinance No. 2947 recommended for adoption.

ATTACHMENTS:

Description	Upload Date	Type	File Name
Ordinance No. 2947	11/16/2023	Ordinance	2947_GG_Ordinance_A-038-2023(B)_(Code_Enforcement).docx

ORDINANCE NO. 2947

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF GARDEN GROVE APPROVING AMENDMENT NO. A-038-2023(B), A ZONING TEXT AMENDMENT TO PORTIONS OF CHAPTERS 9.08, 9.12, 9.16, AND 9.18 OF TITLE 9 OF THE CITY OF GARDEN GROVE MUNICIPAL CODE ESTABLISHING ENHANCED STANDARDS FOR THE SCREENING OF MECHANICAL EQUIPMENT WITHIN AN EXTERIOR EQUIPMENT ENCLOSURE IN RESIDENTIAL ZONES; CLARIFYING HOW THE MAXIMUM PERMITTED HARDSCAPE COVERAGE IN THE FRONT YARD SETBACK IN RESIDENTIAL, COMMERCIAL, INDUSTRIAL, AND OPEN SPACE ZONES IS CALCULATED; AND UPDATING THE STANDARDS FOR ARTIFICIAL TURF IN ALL ZONES.

City Attorney Summary

This Ordinance approves zoning text amendments to portions of Chapters 9.08, 9.12, 9.16, and 9.18 (Single-Family Residential Development Standards, Multifamily Residential Development Standards, Commercial, Office Professional, Industrial, and Open Space Development Standards, and Mixed Use Regulations And Development Standards, respectively) of Title 9 of the City of Garden Grove Municipal Code to establish enhanced standards for the screening of mechanical equipment within an exterior equipment enclosure in residential zones; to clarify how the maximum permitted hardscape coverage in the front yard setback in residential, commercial, industrial, and open space zones is calculated; and to update the standards for installation of artificial turf in all zones.

THE CITY COUNCIL OF THE CITY OF GARDEN GROVE FINDS AND DETERMINES AS FOLLOWS:

WHEREAS, Amendment No. A-038-2023(B) was initiated by the City of Garden Grove and is a zoning text amendment to portions of Chapters 9.08, 9.12, 9.16, and 9.18 (Single-Family Residential Development Standards, Multifamily Residential Development Standards, Commercial, Office Professional, Industrial, and Open Space Development Standards, and Mixed Use Regulations and Development Standards, respectively) of Title 9 of the City of Garden Grove Municipal Code establishing enhanced general development standards within residential zones and modified landscaping requirements within all zones;

WHEREAS, following a Public Hearing held on October 19, 2023, the Planning Commission adopted Resolution No. 6072-23 recommending approval of Amendment No. A-038-2023(B);

WHEREAS, pursuant to a legal notice, a Public Hearing regarding the proposed adoption of this Ordinance was held by the City Council on November 14, 2023, and all interested persons were given an opportunity to be heard;

WHEREAS, the City Council gave due and careful consideration to the matter; and

WHEREAS, the City Council hereby incorporates by reference the findings and reasons set forth in Planning Commission Resolution No. 6072-23, and makes the following findings regarding Amendment No. A-038-2023(B):

A. The Amendment is internally consistent with the goals, objectives and elements of the City's General Plan.

B. The Amendment will promote the public interest, health, safety and welfare.

WHEREAS, the City Council finds that the proposed Ordinance is exempt from the California Environmental Quality Act ("CEQA"), Cal. Pub. Resources Code Section 21000 et seq. pursuant to Sections 15301, Existing Facilities, and 15601(b)(3), Common Sense, of the State CEQA Guidelines (Cal. Code of Regs., Title 14, Sections 15301 and 15601(b)(3)).

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF GARDEN GROVE DOES ORDAIN AS FOLLOWS:

SECTION 1: The above recitals are true and correct.

SECTION 2: The facts and reasons stated in Planning Commission Resolution No. 6072-23 recommending approval of Amendment No. A-038-2023(B), a copy of which is on file in the Office of the City Clerk, are hereby incorporated herein by reference with the same force and effect as if set forth in full.

SECTION 3: Subdivision G of Section 9.08.040.010 (Single-Family Residential – General Requirements) of Chapter 9.08 (Single-Family Residential Development Standards) of Title 9 of the Garden Grove Municipal Code is hereby amended as follows to specify standards for exterior equipment enclosures (deletions shown in ~~strikethrough~~, additions shown in ***bold-italics***):

G. Mechanical Equipment, Metering Devices. All roof and ground mounted mechanical equipment and metering devices shall be screened from view from either on or off the property.

Ground-mounted mechanical equipment, including, but not limited to, water heaters, heating, cooling or ventilating equipment, swimming pool or spa heaters, pumps or filters, may be permitted to be located in a side yard setback on any property improved with a single-family residence, provided that the equipment is screened from view from all public rights-of-way. ***If required by manufacturer's specifications, equipment may be installed within exterior equipment enclosures. All equipment enclosures, including any flues, accessories, or other appurtenances, shall be painted to match the main house.*** If the equipment is to be located between a structure and the property line, an unobstructed path at least three feet wide shall be provided between the equipment and the property line.

SECTION 4: Subdivision G of Section 9.12.040.010 (Multifamily Residential – General Requirements) of Chapter 9.12 (Multifamily Residential Development Standards) of Title 9 of the Garden Grove Municipal Code is hereby amended as follows to specify standards for exterior equipment enclosures (deletions shown in ~~strikethrough~~, additions shown in ***bold-italics***):

G. Mechanical Equipment, Metering Devices—Screening and Location.

1. Except as otherwise required by state law, all roof-mounted and ground-mounted mechanical equipment and metering devices shall be screened from view from the adjacent public rights-of-way, adjacent properties, and on-site uses using one of the following methods for the specific equipment referenced. Exceptions to this screening requirement shall be fire-fighting equipment required by the Fire Department.

a. Roof-mounted: Shall be screened by parapet walls, rooftop architectural features such as a tower equal to the height of the equipment, or low walls surrounding the equipment and shall be painted to match the color of the building materials.

b. Ground-mounted: Shall be screened by densely planted and maintained landscaped hedges or a fence or wall. Ground-mounted equipment shall not exceed the maximum allowable height for a wall, fence, or hedge.

2. Ground-mounted mechanical equipment including, but not limited to, water heaters, heating, cooling or ventilating equipment, swimming pool or spa heaters, pumps or filters shall not be located within a front yard setback but may be permitted to be located in a rear or side yard setback, provided that the equipment is screened from view from all abutting public rights-of-way and is shielded to achieve the requirements of Garden Grove Municipal Code Chapter 8.47 (Noise Control). ***If required by manufacturer's specifications, equipment may be installed within exterior equipment enclosures. All equipment enclosures, including any flues, accessories, or other appurtenances, shall be painted to match the main house.*** If the equipment is to be located between a structure and the property line, an unobstructed path at least three feet wide shall be provided between the equipment and the property line.

SECTION 5: Footnote 4 to the R-1 Development Standards Table in Subdivision A of Section 9.08.040.020 (Residential – General Development Standards) of Chapter 9.08 (Single-Family Development Standards) of Title 9 of the Garden Grove Municipal Code is hereby amended as follows to clarify how the maximum permitted hardscape coverage in the front yard setback is calculated (deletions shown in ~~strikethrough~~, additions shown in ***bold-italics***):

R-1 DEVELOPMENT STANDARDS TABLE

Placement	R-1
...	...
Maximum front setback coverage (4)	50%
...	...

...

4. Hardscape ***counted toward maximum coverage*** percentage includes driveways ***and pedestrian walkways, excepting portions of driveways that directly lead to a private garage, or legally converted garage, in the following amounts: 200 square feet for a one-car garage, 400 square feet for a two-car garage, 600 square feet for a three-car garage, and 800 square feet for a four-car garage*** (~~except allowed standard driveway in the front yard~~).

SECTION 6: Subdivision D of Section 9.08.040.050 (Landscaping – General Provisions) of Chapter 9.08 (Single-Family Residential Development Standards) of Title 9 of the Garden Grove Municipal Code is hereby amended as follows to clarify how the maximum permitted hardscape coverage in the front yard setback is calculated (deletions shown in ~~strikethrough~~, additions shown in ***bold-italics***):

D. The following regulations are for maximum coverage of hardscape.

1. The maximum permitted hardscape coverage in the front yard setback shall be 50%, ***inclusive of pedestrian walkways and portions of driveways not excepted pursuant to Section 9.08.040.020***. ~~Private sidewalks and walkways are excluded from this 50% so long as they do not exceed a width of five feet.~~

2. The measurement of the front yard setback shall be from the back of sidewalk or street dedication line. The public parkway area between the curb and sidewalk must be fully landscaped.

SECTION 7: Footnote 3 of Subdivision A of Section 9.12.040.020 (Residential – General Development Standards) of Chapter 9.12 (Multifamily Development Standards) of Title 9 of the Garden Grove Municipal Code is hereby amended as follows to clarify how the maximum permitted hardscape coverage in the front yard setback is calculated (deletions shown in ~~strikethrough~~, additions shown in ***bold-italics***):

R-2 and R-3 Development Standards Table

Placement	R-2 (5)	R-3 (5)
.
Front setback coverage – Maximum (3)	50%	50%
.

. . .

3. Hardscape ***counted towards maximum coverage*** percentage includes driveways ***and pedestrian walkways*** ~~(except allowed standard driveway in the front yard).~~

SECTION 8: Subdivision D of Section 9.12.040.080 (Landscaping – General Provisions) of Chapter 9.12 (Multifamily Residential Development Standards) of Title 9 of the Garden Grove Municipal Code is hereby amended as follows to clarify how the maximum permitted hardscape coverage in the front yard setback is calculated (deletions shown in ~~strikethrough~~, additions shown in ***bold-italics***):

D. The following regulations are for maximum coverage of hardscape.

1. The maximum permitted hardscape coverage in the front yard setback shall be 50%, ***inclusive of driveways and pedestrian walkways***. ~~Private sidewalks and walkways are excluded from this 50% so long as they do not exceed a width of five feet.~~

2. The measurement of the front yard setback shall be from the back of sidewalk or street dedication line. The public parkway area between the curb and sidewalk must be fully landscaped.

SECTION 9: Subdivision D of Section 9.16.040.060 (Landscaping – General Provisions) of Chapter 9.16 (Commercial, Office Professional, Industrial, and Open Space Development Standards) of Title 9 of the Garden Grove Municipal Code is hereby amended as follows to establish standards for installation of artificial turf (deletions shown in ~~strikethrough~~, additions shown in ***bold-italics***):

~~D. The following regulations are for maximum coverage of hardscape.~~

~~1. The maximum permitted hardscape coverage in the front yard setback shall be 50%. Private sidewalks and walkways are excluded from this 50% so long as they do not exceed a width of five feet.~~

~~2. The measurement of the front yard setback shall be from the back of sidewalk or street dedication line. The public parkway area between the curb and sidewalk~~ ***All portions of the front yard setback, not covered with approved driveways and walkways, must be fully landscaped, including, but not limited to, the public parkway area between the curb and sidewalk.***

SECTION 10: Subdivision N of Section 9.08.040.060 (Landscaping Requirements) of Chapter 9.08 (Single-Family Residential Development Standards) of Title 9 of the Garden Grove Municipal Code is hereby amended as follows to establish standards for installation of artificial turf (deletions shown in ~~striketrough~~, additions shown in ***bold-italics***):

N. Substitute Landscaping

1. Materials such as crushed rock, decomposed granite, redwood chips, pebbles and stone may be used in lieu of live plant materials for up to 30% of the required landscape coverage area. Artificial plants and synthetic groundcovers are prohibited, except where allowed within the R-1 (Single-Family Residential) zone, subject to the following standards:

a. Artificial turf is permitted, provided it complies with the following:

i. Artificial turf shall have a minimum eight-year "No Fade" warranty.

ii. Artificial turf shall be installed ~~by a licensed professional and shall be installed pursuant to manufacturer's requirements, except if the artificial turf is installed by the homeowner. The homeowner shall be required to follow the manufacturer's specifications for installation.~~

iii. Artificial turf shall be of a type known as cut pile infill, and shall be installed over a compacted and porous road base material, and shall be anchored at all edges and seams. Artificial turf may not be layered over concrete or other nonporous surfaces, according to the manufacturer's specifications for installation. A proper drainage system shall be installed underneath the turf to prevent excessive run-off or pooling.

iv. ~~iii.~~ Artificial turf shall be installed and maintained to effectively simulate the appearance of a well-maintained lawn. The turf shall be maintained in a green fadeless condition and shall be maintained free of weeds, debris, tears, holes, and impressions. An infill medium consisting of clean washed sand or other approved mixture shall be brushed into the fibers to ensure that the fibers remain in an upright position, and to provide ballast that will help hold the turf in place and provide a cushioning effect.

v. ~~iv.~~ The use of indoor or outdoor plastic or nylon carpeting as a replacement of artificial turf or natural turf shall be prohibited. No rubber infill is permitted.

vi. ~~v.~~ Artificial shrubs, flowers, trees, and vines in lieu of living plant material shall be prohibited.

vii. ~~vi.~~ Areas of living plant material (i.e., flower beds, tree wells, etc.) shall be included in the overall landscape design when installing artificial turf. Living plant material shall include shrubs, vines, trees, and flowering groundcovers and shall constitute a minimum of 25% of the landscape area.

viii. ~~vii.~~ Artificial turf shall be separated from flower beds by a concrete mow strip, bender board, or other barriers acceptable to the City to prevent intrusion of living plant material into the artificial turf.

ix. ~~viii.~~ Artificial turf in front yards shall be limited to 75% of required landscape area.

SECTION 11: Subdivision N of Section 9.12.040.090 (Landscaping Requirements) of Chapter 9.12 (Multifamily Residential Development Standards) of Title 9 of the Garden Grove Municipal Code is hereby amended as follows to establish standards for installation of artificial turf (deletions shown in ~~striketrough~~, additions shown in ***bold-italics***):

N. Substitute Landscaping

1. Materials such as crushed rock, decomposed granite, redwood chips, pebbles and stone may be used in lieu of live plant materials for up to 30% of the required landscape coverage area. Artificial plants and synthetic groundcovers are prohibited.

Artificial turf is permitted, provided it complies with the following criteria:

- a. Artificial turf shall have a minimum eight-year "No Fade" warranty.
- b. Artificial turf shall be installed ~~by a licensed professional and shall be installed pursuant to manufacturer's requirements; except if the artificial turf is installed by the homeowner. The homeowner shall be required to follow the manufacturer's specifications for installation.~~
- c. ***Artificial turf shall be of a type known as cut pile infill, and shall be installed over a compacted and porous road***

base material, and shall be anchored at all edges and seams. Artificial turf may not be layered over concrete or other nonporous surfaces, according to the manufacturer's specifications for installation. A proper drainage system shall be installed underneath the turf to prevent excessive run-off or pooling.

~~d.e.~~ Artificial turf shall be installed and maintained to effectively simulate the appearance of a well-maintained lawn. The turf shall be maintained in a green fadeless condition and shall be maintained free of weeds, debris, tears, holes, and impressions. ***An infill medium consisting of clean washed sand or other approved mixture shall be brushed into the fibers to ensure that the fibers remain in an upright position, and to provide ballast that will help hold the turf in place and provide a cushioning effect.***

~~e.d.~~ The use of indoor or outdoor plastic or nylon carpeting as a replacement of artificial turf or natural turf shall be prohibited. No rubber infill is permitted.

~~f.e.~~ Artificial shrubs, flowers, trees, and vines in lieu of living plant material shall be prohibited.

~~g.f.~~ Areas of living plant material (i.e., flower beds, tree wells, etc.) shall be included in the overall landscape design when installing artificial turf. Living plant material shall include shrubs, vines, trees, and flowering groundcovers and shall constitute a minimum of 25% of the landscape area.

~~h.g.~~ Artificial turf shall be separated from flower beds by a concrete mow strip, bender board, or other barriers acceptable to the City to prevent intrusion of living plant material into the artificial turf.

~~i.h.~~ Artificial turf in front yards shall be limited to 75% of required landscape area.

SECTION 12: Subdivision N of Section 9.16.040.070 (Landscaping Requirements) of Chapter 9.16 (Commercial, Office Professional, Industrial, and Open Space Development Standards) of Title 9 of the Garden Grove Municipal Code is hereby amended as follows to establish standards for installation of artificial turf (deletions shown in ~~strikethrough~~, additions shown in ***bold-italics***):

N. Substitute Landscaping

1. Materials such as crushed rock, decomposed granite, redwood chips, pebbles and stone may be used in lieu of live plant materials

for up to 30% of the required landscape coverage area. Artificial plants, with the exception of artificial turf, are prohibited. Artificial turf shall be allowed within the O-P (Office Professional), C-1 (Neighborhood Commercial), C-2 (Community Commercial), C-3 (Heavy Commercial), M-1 (Limited Industrial), M-P (Industrial Park), and O-S (Open Space) zones, subject to the following standards:

a. Artificial turf is permitted, provided it complies with the following:

i. Artificial turf shall have a minimum eight-year "No Fade" warranty.

ii. Artificial turf shall be installed ~~by a licensed professional and shall be installed pursuant to manufacturer's requirements, except if the artificial turf is installed by the homeowner. The homeowner shall be required to follow the manufacturer's specifications for installation.~~

iii. Artificial turf shall be of a type known as cut pile infill, and shall be installed over a compacted and porous road base material, and shall be anchored at all edges and seams. Artificial turf may not be layered over concrete or other nonporous surfaces, according to the manufacturer's specifications for installation. A proper drainage system shall be installed underneath the turf to prevent excessive run-off or pooling.

~~iv.iii.~~ Artificial turf shall be installed and maintained to effectively simulate the appearance of a well-maintained lawn. The turf shall be maintained in a green fadeless condition and shall be maintained free of weeds, debris, tears, holes, and impressions. **An infill medium consisting of clean washed sand or other approved mixture shall be brushed into the fibers to ensure that the fibers remain in an upright position, and to provide ballast that will help hold the turf in place and provide a cushioning effect.**

~~v.iv.~~ The use of indoor or outdoor plastic or nylon carpeting as a replacement of artificial turf or natural turf shall be prohibited. No rubber infill is permitted.

~~vi.v.~~ Artificial shrubs, flowers, trees, and vines in lieu of living plant material shall be prohibited.

~~vii.vi.~~ Areas of living plant material (i.e., flower beds, tree wells, etc.) shall be included in the overall landscape design when installing artificial turf. Living plant material shall include

shrubs, vines, trees, and flowering groundcovers and shall constitute a minimum of 25% of the landscape area.

~~viii.vii.~~ Artificial turf shall be separated from flower beds by a concrete mow strip, bender board, or other barriers acceptable to the City to prevent intrusion of living plant material into the artificial turf.

~~ix.viii.~~ Artificial turf in front yards shall be limited to 75% of required landscape area.

SECTION 13: Subdivision E of Section 9.18.120.030 (Landscaping Requirements) of Chapter 9.18 (Mixed Use Regulations and Development Standards) of Title 9 of the Garden Grove Municipal Code is hereby amended as follows to establish standards for installation of artificial turf (deletions shown in ~~strikethrough~~, additions shown in ***bold-italics***):

E. Artificial Turf. Artificial turf shall be permitted within the front and rear yards and shall comply with the following criteria:

1. Artificial turf shall have a minimum eight-year "No Fade" warranty.
2. Artificial turf shall be installed ~~by a licensed professional and shall be installed pursuant to manufacturer's requirements.~~

3. Artificial turf shall be of a type known as cut pile infill, and shall be installed over a compacted and porous road base material, and shall be anchored at all edges and seams. Artificial turf may not be layered over concrete or other nonporous surfaces, according to the manufacturer's specifications for installation. A proper drainage system shall be installed underneath the turf to prevent excessive run-off or pooling.

~~4.3.~~ Artificial turf shall be installed and maintained to effectively simulate the appearance of a well-maintained lawn. The turf shall be maintained in a green fadeless condition and shall be maintained free of weeds, debris, tears, holes, and impressions. ***An infill medium consisting of clean washed sand or other approved mixture shall be brushed into the fibers to ensure that the fibers remain in an upright position, and to provide ballast that will help hold the turf in place and provide a cushioning effect.***

~~5.4.~~ The use of indoor or outdoor plastic or nylon carpeting as a replacement of artificial turf or natural turf shall be prohibited.

Artificial shrubs, flowers, trees, and vines in lieu of living plant material shall be prohibited.

6.5. Areas of living plant material (i.e., flower beds, tree wells, etc.) within the front yard, side, rear, and common areas shall be included within the overall landscape design when installing artificial turf. Living plant material shall include shrubs, vines, trees, and flowering groundcovers.

7.6. Artificial turf shall be separated from flowerbeds by a concrete mow strip, bender board, or other barrier acceptable to the City in order to prevent intrusion of living plant material into the artificial turf.

8.7. Three sets of detailed landscape and irrigation plans shall be submitted to the planning division for review and approval prior to installation of the artificial turf in order to confirm compliance with the City Code and any valid land use entitlement for the property.

SECTION 14: If any section, subsection, subdivision, sentence, clause, phrase, word, or portion of this Ordinance is, for any reason, held to be invalid or unconstitutional by the decision of any court of competent jurisdiction, such decision shall not affect the validity of the remaining portions of this Ordinance. The City Council hereby declares that it would have adopted this Ordinance and each section, subsection, subdivision, sentence, clause, phrase, word, or portion thereof, irrespective of the fact that any one or more sections, subsections, subdivisions, sentences, clauses, phrases, words or portions thereof be declared invalid or unconstitutional.

SECTION 15: The Mayor shall sign and the City Clerk shall certify to the passage and adoption of this Ordinance and shall cause the same, or the summary thereof, to be published and posted pursuant to the provisions of law and this Ordinance shall take effect thirty (30) days after adoption.

The foregoing Ordinance was passed by the City Council of the City of Garden Grove on the ____ day of _____.

ATTEST:

MAYOR

CITY CLERK

STATE OF CALIFORNIA)
COUNTY OF ORANGE) SS:
CITY OF GARDEN GROVE)

I, TERESA POMEROY, City Clerk of the City of Garden Grove, do hereby certify that the foregoing Ordinance was introduced for first reading and passed to second reading on November 14, 2023, with a vote as follows:

AYES:	COUNCIL MEMBERS:	(7)	O'NEILL, TRAN, DOVINH, KLOPFENSTEIN, NGUYEN-PENALOZA, BRIETIGAM, JONES
NOES:	COUNCIL MEMBERS:	(0)	NONE
ABSENT:	COUNCIL MEMBERS:	(0)	NONE