

**BOARD MEETING AGENDA
SPECIAL MEETING OF THE BOARD OF DIRECTORS OF
CITRUS HEIGHTS WATER DISTRICT (CHWD)
DECEMBER 12, 2022 beginning at 6:00 PM**

**CITRUS HEIGHTS COMMUNITY CENTER, SOUTH FLEX ROOM A
6300 FOUNTAIN SQUARE DRIVE, CITRUS HEIGHTS, CA**

****Please Note Change in Location for this Meeting****

In compliance with the Americans with Disabilities Act, if you have a disability and need a disability-related modification or accommodation to participate in this meeting, please contact the General Manager at (916) 725-6873. Requests must be made as early as possible, and at least one full business day before the start of the meeting. The meeting will be held at the listed physical location.

CALL TO ORDER:

Upon request, agenda items may be moved to accommodate those in attendance wishing to address that item. Please inform the General Manager.

ROLL CALL OF DIRECTORS:

PLEDGE OF ALLEGIANCE:

PUBLIC COMMENT:

The Public shall have the opportunity to directly address the Board on any item of interest to the public before or during the Board's consideration of that item pursuant to Government Code Section 54954.3. Public comment on items of interest within the jurisdiction of the Board is welcome. The Presiding Officer will limit comments to three (3) minutes per speaker.

(A) Action Item

(D) Discussion Item

(I) Information Item

BUSINESS:

- B-1. Water Rates and Miscellaneous Charges and Fees Effective 2023 (A)
 - a. Conduct Public Hearing on Water Rates and Miscellaneous Charges and Fees Effective 2023.
 - b. Consider adoption of Resolution 12-2022 Establishing Water Rates and Miscellaneous Charges and Fees Effective Fiscal Year 2023.

- B-2. Capacity Charges Effective 2023 (A)
 - a. Conduct Public Hearing on 2023 Capacity Charges.
 - b. Consider adoption of Resolution 13-2022 Establishing Capacity Charges Effective Fiscal Year 2023.

- B-3. 2023 Operating and Capital Improvements Budgets (A)
- a. Conduct Public Hearing on 2023 Operating and Capital Improvement Budgets.
 - b. Consider adoption of Resolution 14-2022 Establishing Fiscal Year 2023 Operating and Capital Improvement Budgets.

FUTURE CHWD BOARD OF DIRECTORS MEETING DATES:

December 21, 2022 6:30 PM Regular Meeting

ADJOURNMENT:

CERTIFICATION:

I do hereby declare and certify that this agenda for this Special Meeting of the Board of Directors of the Citrus Heights Water District was posted in a location accessible to the public at the District Administrative Office Building, 6230 Sylvan Road, Citrus Heights, CA 95610 at least 24 hours prior to the special meeting in accordance with Government Code Section 54954.2.



Brittney Moore, Chief Board Clerk

Dated: December 8, 2022

CITRUS HEIGHTS WATER DISTRICT

DISTRICT STAFF REPORT TO BOARD OF DIRECTORS DECEMBER 12, 2022 SPECIAL MEETING

SUBJECT : WATER RATES, MISCELLANEOUS CHARGES AND FEES EFFECTIVE 2023
 STATUS : Action Item
 REPORT DATE : December 12, 2022
 PREPARED BY : Carlos Urrutia, Interim Director of Finance and Administrative Services

OBJECTIVE:

Conduct a Public Hearing for the proposed Water Rates and Miscellaneous Charges and Fees effective 2023 and consider adopting the accompanying resolution establishing Water Rates and Miscellaneous Charges and Fees for Citrus Heights Water District (CHWD) effective 2023.

BACKGROUND AND ANALYSIS:

This report presents the proposed Water Rates and Miscellaneous Charges and Fees effective 2023, except for Capacity Fees that will be considered in a separate Public Hearing following the Public Hearing on water rates. Accompanying this report is a proposed resolution adopting water rates, charges and fees effective 2023.

Notice of this Public Hearing was mailed to all District property owners on October 28, 2022 as part of the required Proposition 218 notification (Attachment 3). Notice was posted on the District's web site, and posted on the public notice board at the entrance to the District Office.

The Board conducted two budget and rate study sessions on September 6, 2022 and on September 19, 2022. At those study sessions, the Board considered a number of rate options and corresponding operating and capital impacts based upon an assessment of the District's Long-term Financial Plan (Rate Model), continued preparatory work on Project 2030—Water Main Replacements Project, CHWD's groundwater expansion and reinvestment program, CHWD's meter asset management program, daily operations and maintenance and other service delivery requirements and San Juan Water District wholesale financial issues.

Regarding San Juan Water District, a pass-through provision to address any wholesale rate increase was adopted in 2022 and continues as noted in the accompanying resolution included for Board consideration, which provides an opportunity to protect CHWD's financial base and to educate CHWD's customers as to who SJWD is and why CHWD's customers should care.

The maximum rate adjustment which can be considered by the Board on December 12th is based on a financial assessment whereby future annual increases, including the 2023 rate adjustment being considered by the Board on December 12th, will enable the District to plan for operational budgetary increases and complete needed Capital Improvement projects without the need to incur additional debt in the near future.

As of the date of this report's distribution to the Board, the District has received 14 written protests from property owners (Attachment 2). Directors have been provided with copies of the written protests included with their agenda packets for this Board meeting. Any additional written protests received before the time of Public Hearing will be presented to Directors at the Public Hearing.

2023 Schedule of Water Rates, Fees and Charges

A schedule comparing current 2022 rates with the proposed 2023 Water Rates, Fees and Charges to be considered by the Board accompanies Resolution 12-2022 (Attachment 1). Significant elements of the water rate schedule effective 2023 are as follows:

- For an average CHWD customer who has a 1-inch meter and uses 20 units of water in a two-month billing period, the average bill would increase from \$125.63 in 2022 to \$133.79 under the proposed rates for 2023, a 6.5% increase. The average CHWD water bill would remain 6.4% below the Sacramento regional average.
- Proposed Project 2030 – a Water Main Replacement dedicated charge of \$5.25 per month for a 1” meter connection, which will fund the Water Main Replacement Reserve as CHWD prepares for the replacement of the majority of the District’s water mains remains in place. This dedicated charge was the outgrowth of a multi-year effort on CHWD’s part to work with its Customer Advisory Committee and a technical team of engineering and financial planning experts to phase, cost and fund over 70% of the District’s water mains between 2030-2080. CHWD’s water mains will require replacement at a significantly higher annual rate than the existing level of replacements beginning in 2030 and carrying forward due to the age of CHWD’s water main system.
- Water Supply Cost with San Juan Wholesale District – Wholesale rate increases are expected as an anticipated significant increase in that agency’s debt tied to underfunded capital needs, including its Hinkle Reservoir liner replacement, will drive future SJWD water rate increases. In 2022, the CHWD Board of Directors adopted a resolution to pass-through SJWD’s rate increases during the next 4 years. Currently, SJWD’s surface water costs comprise of about 15% of CHWD’s total budgeted expense, a significant operating expense. This measure prevents SJWD rate increases from eroding CHWD’s financial base and as indicated above, provide more transparency to CHWD’s customers about SJWD.
- Other charges, such as Construction Meters, are proposed to increase consistent with the Engineering News Record Construction Cost Index of 8%.
- Adjustments to other charges and fees are based on staff analysis of the staff time, equipment, materials and other costs involved in providing the specified services.

The following additional information accompanies this report:

- A copy of the District’s Public Hearing Notice of projected water rate increases required by Proposition 218.

RECOMMENDATIONS:

1. Conduct the Public Hearing on the proposed Water Rates and Miscellaneous Charges and Fees effective 2023; and
2. Adopt Resolution No. 12-2022 Establishing Water Rates and Miscellaneous Charges and Fees for Citrus

Heights Water District effective 2023 (Attachment 1).

ACTION:

Moved by Director _____, Seconded by Director _____, Carried _____

ATTACHMENTS:

1. Resolution No. 12-2022 Water Rates and Miscellaneous Charges and Fees
2. Customer Protest Letters
3. CHWD Proposition 218 Notice

Attachment 1

Resolution 12-2022, Water Rates, Miscellaneous
Charges and Fees

CITRUS HEIGHTS WATER DISTRICT
RESOLUTION NO. 12-2022

RESOLUTION ADOPTING
WATER RATES AND MISCELLANEOUS CHARGES AND FEES FOR
CITRUS HEIGHTS WATER DISTRICT EFFECTIVE 2023

WHEREAS, the Board of Directors of the CITRUS HEIGHTS WATER DISTRICT wishes to establish water rates and miscellaneous charges in order to pay for the operations and maintenance of the water system, pay interest charges and principal payments on all outstanding bonds as they come due, and provide reasonable cash reserves, and capital improvement funds to cover needed capital improvements and unforeseen expenses and emergencies; and

WHEREAS, the proposed rates reflect the cost of providing service to all customers through the apportionment of costs based on capacity and demand characteristics; and

WHEREAS, it has been determined that the recommended rates do not exceed the reasonable cost of providing water services; and

WHEREAS, CITRUS HEIGHTS WATER DISTRICT has identified the potential financial impacts of water shortage due to drought or other water supply emergency; and

WHEREAS, the District has developed a Water Shortage Rate Structure for offsetting the resulting financial deficit; and

WHEREAS, at least forty-five days in advance of the public hearing at which this Resolution was considered, notice of the public hearing and notice of written protests procedures against the proposed rates increases were mailed to all property owners in compliance with Article XIII D of the California Constitution (also referred to as Proposition 218); and

WHEREAS, a noticed Public Hearing was held on December 12, 2022 for the purpose of receiving public comment on the proposed Fiscal Year 2023 Water Rates and Miscellaneous Charges and Fees; and

WHEREAS, upon motion duly moved, seconded, and carried, the following water rates and miscellaneous charges and fees were adopted and will become effective fiscal year 2023; and

THEREFORE BE IT RESOLVED the Fiscal Year 2023 Water Rates and Miscellaneous Charges and Fees (Exhibit A), accompanying this resolution and incorporated herein as part of this Resolution, are hereby adopted.

THEREFORE BE IT RESOLVED that the Water Shortage Rate Structure is hereby adopted. The Water Shortage Rate Structure may be adjusted to pass along unanticipated increases in wholesale water charges as provided under Resolution No. 08-2021 and pursuant to the procedures set forth in the Resolution and otherwise provided by applicable law.

PASSED AND ADOPTED by the Board of Directors of the CITRUS HEIGHTS WATER DISTRICT, this 12th day of December 2022, by the following vote, to-wit:

AYES: Directors:
NOES: Directors:
ABSTAIN: Directors:
ABSENT: Directors:

S E A L

CARYL F. SHEEHAN, President
Board of Directors
Citrus Heights Water District

ATTEST:

HILARY M. STRAUS, Secretary

Exhibit A

Water Rates, Fees, and Charges Effective 2023

CITRUS HEIGHTS WATER DISTRICT
WATER RATES, FEES AND CHARGES EFFECTIVE 2023
Proposed -- December 12, 2022

Type of Charge	Applied Basis or Frequency	2022 Proposed	2023 Proposed
<u>Charges for Metered Rate Customer Accounts</u>			
<i>Service Charge, Domestic, Commercial & Irrigation Meters</i>			
¾-inch meter	bi-monthly, per meter	\$56.08	\$60.35
1-inch meter	bi-monthly, per meter	\$91.33	\$94.69
1½-inch meter	bi-monthly, per meter	\$150.08	\$151.92
2-inch meter	bi-monthly, per meter	\$220.58	\$220.60
3-inch meter	bi-monthly, per meter	\$443.82	\$438.07
4-inch meter	bi-monthly, per meter	\$773.14	\$758.81
<i>Service Charge, Combination Meters</i>			
<i>Low flow bypass meter</i>			
4-inch meter	bi-monthly, per meter	\$220.58	\$220.60
6-inch meter	bi-monthly, per meter	\$443.82	\$438.07
8-inch meter	bi-monthly, per meter	\$772.81	\$758.55
10-inch meter	bi-monthly, per meter	\$2,500.01	\$2,441.10
<hr/>			
<i><u>Usage Charges for Water Consumed</u></i>		<i>1 unit = 100 cubic feet = 748 gallons</i>	
<i>Domestic, Commercial, Irrigation, Combination</i>			
All meter sizes	per unit	\$1.1900	\$1.4300
<hr/>			
<u>Project 2030 Designated Charge</u>			
<i>Service Charge, Domestic, Commercial & Irrigation Meters</i>			
¾-inch meter	bi-monthly, per meter	\$4.20	\$4.20
1-inch meter	bi-monthly, per meter	\$10.50	\$10.50
1½-inch meter	bi-monthly, per meter	\$21.00	\$21.00
2-inch meter	bi-monthly, per meter	\$33.59	\$33.59
3-inch meter	bi-monthly, per meter	\$73.48	\$73.48
4-inch meter	bi-monthly, per meter	\$132.30	\$132.30
<i>Service Charge, Combination Meters</i>			
<i>Low flow bypass meter</i>			
4-inch meter	bi-monthly, per meter	\$33.59	\$33.59
6-inch meter	bi-monthly, per meter	\$73.48	\$73.48
8-inch meter	bi-monthly, per meter	\$132.26	\$132.26
10-inch meter	bi-monthly, per meter	\$440.86	\$440.86
<hr/>			
Construction Water Charges	minimum charge	\$273.83	\$295.73
Schedule A - Projects	per lot	\$188.29	\$203.35
Schedule B - Trenches, Excavations & Grading	per 100 cubic yards	\$50.83	\$54.90
Schedule C - Tank Trucks	per 1,000 gallons	\$8.42	\$9.09
Schedule D - Metered Use	per unit, for all units bi-monthly	\$3.64	\$3.93
Schedule E - Non-Profit	per day	\$57.18	\$61.76
Construction Meter Deposit	per meter	\$2,006.00	\$2,166.48

CITRUS HEIGHTS WATER DISTRICT
WATER RATES, FEES AND CHARGES EFFECTIVE 2023
Proposed -- December 12, 2022

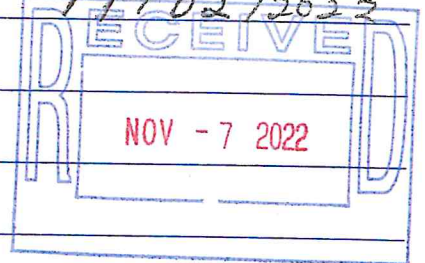
Type of Charge	Applied Basis or Frequency	2022 Proposed	2023 Proposed
<u>Water Service Installation Charges</u>			
¾-inch & larger services w/meter	per service	Actual Cost	Actual Cost
Meter set charge:			
⅝ inch x ¾ inch	per meter	\$577.00	\$606.00
¾ inch	per meter	\$627.00	\$656.00
1 inch	per meter	\$646.00	\$675.00
1½ inch	per meter	\$960.00	\$989.00
2 inch	per meter	\$1,286.00	\$1,316.00
>2 inch	actual cost		
Backflow prevention assembly installation charge			
¾ inch & larger	each	Actual Cost	Actual Cost
<u>Other Charges and Fees</u>			
Agenda-By-Mail Charge (e-mail delivery free)	per packet	\$28.00	\$28.00
Standby Service Charge	per hour, 1 hour minimum	\$127.00	\$129.00
Returned Payment Fee	per check	\$33.00	\$33.00
Late Payment Penalty	5% of overdue account balance	5.00%	5.00%
Missed Appointment/No-Show Fee	per occurrence	\$49.00	\$49.00
Disconnect Service Charge	per occurrence	\$66.00	\$66.00
Reconnect Service Charge	per occurrence	\$66.00	\$66.00
Reconnect Service Charge (Non Business Hours)	per occurrence	\$126.00	\$126.00
Meter Re-Read / Maintenance Charge	per occurrence	\$49.00	\$49.00
Customer Account Deposit	per account	\$212.00	\$214.00
Copy Charge	per page	\$0.14	\$0.14
Recording of Lien	per occurrence	\$80.00	\$83.00
Release of Lien	per occurrence	\$93.00	\$96.00
Tamper Charge	per occurrence	\$120.00	\$120.00
Water Conservation Violation Charge (1)	first occurrence	\$50.00	\$50.00
Water Conservation Violation Charge (2)	second occurrence	\$75.00	\$100.00
Water Conservation Violation Charge (3)	third occurrence	\$100.00	\$250.00
Inclusion / Annexation Fee	per gross acre, ½ acre or greater	\$1,726.00	\$1,780.00
	minimum to ½ acre	\$813.00	\$890.00
Plan Check Charges	minimum charge + per connection	\$1,285.00	\$1,370.00
	per connection	\$31.31	\$42.02
Easement/Quitclaim	per easement/quitclaim	\$813.00	\$849.00
Inspection Charges			
Minimum	min. + per connect. + per main tie-in	\$1,343.00	\$1,435.00
Plus per connection	per connection	\$220.00	\$220.00
Plus per main tie-in	per main tie-in	\$1,280.00	\$1,439.00
AC pipe disposal charge	per foot, 4 feet minimum (\$200 min.)	\$60.00	\$64.00
Hydrostatic pressure test	each	\$349.00	\$393.00
Chlorination & Flushing	per project	\$465.00	\$523.00
Weekend/After Hours	per hour (4 hr. minimum)	\$159.00	\$175.00
Holiday	per hour (4 hr. minimum)	\$201.00	\$220.00
Backflow Prevention Assembly Testing Charge	per assembly bimonthly	\$13.00	\$15.00
Backflow Prevention Assembly Re-testing Charge	per test	\$85.00	\$94.00
Backflow Prevention Assembly Testing Charge for New Development	per assembly	\$93.00	\$106.00
Bacteriological water test sampling	minimum	\$1,176.00	\$1,300.00
Additional Bacteriological water sample	additional samples after minimum	\$66.00	\$69.00
Fire Flow Certification Letter	per letter	\$28.00	\$27.00
Fire Flow Modeling	per modeling	\$341.00	\$339.00
Fire Flow Modeling & Certification Letter	per modeling plus letter	\$369.00	\$366.00

Attachment 2

2023 Proposed Water Rate Adjustments Protest Letters

15803-0013931

11/02/2022



CHWD

P.O. Box 286

Citrus Heights, CA 95611-0286

Dear District Secretary,
Please note, I
Dixie Immov at
7645 Away Way, CH. 95610
protest the Proposed
Rate Adjustments. Included
is a Property Profile &
a copy of my Driver License
to prove I reside at
7645 Away Way.

Thank you

Dixie L. Immov

Enc: Prop Profile & Copy of D.L



Profile with Plat Map



Primary Owner: TRUST; FBO THE IMMOOS FAMILY

Secondary Owner:

Mail Address: 7645 AWAY WAY
CITRUS HEIGHTS, CA 95610-5045

Site Address: 7645 AWAY WAY
CITRUS HEIGHTS, CA 95610-5045

Assessor Parcel Number: 243-0530-036-0000

Housing Tract Number:

Lot Number: 36

Legal Description: Lot Code: 36

Subdivision: MARIPOSA RIDGE

Legal Brief Description: LOT:36 MARIPOSA RIDGE, LOT 36

Property Characteristics

Bedrooms: 3	Year Built: 1987	Square Feet: 1,500
Bathrooms: 2	Garage: Attached 2	Lot Size: 7,405 SF
Total Rooms: 6	Fireplace: 1	Number of Units: 0
Zoning: RD5	Pool:	Use Code: Single Family Residential
No of Stories: 1		
Building Style:		

Sale Information

Transfer Date: 03/03/2005	Seller: IMMOOS, JOHN L; IMMOOS, DIXIE L
Transfer Value: \$0.00	Document #:
Title Company:	Cost/Sq Feet:

Assessment & Tax Information

Assessed Value: \$212,911.00	Percent Improvement: 75%	Homeowner Exemption:
Land Value: \$54,096.00	Tax Amount: \$2,604.56	Tax Rate Area: 6-008
Improvement Value: \$158,815.00	Tax Account ID:	Tax Status: Current
Market Improvement Value:	Market Land Value:	Market Value:
Tax Year: 2022		



November 2, 2022

To: District Secretary
Citrus Heights Water District
PO Box 286
Citrus Heights, CA 95611-0286


From: Myron/Josephine R Cole
8339 Northvale Way
Citrus Heights, CA 95610-0802

Account # 12028-0010657

We are the owners of 8339 Northvale Way, Citrus Heights, CA 95610. We are hereby protesting the proposed rate increase for 2023.

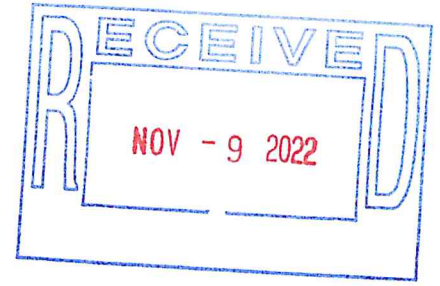
Thank you for your attention to this matter.

Sincerely,



Myron Cole

09913-0008792



November 7, 2022

District Secretary
Citrus Heights Water District
P. O. Box 286
Citrus Heights, CA

CHWD:

We vehemently oppose a rate increase. This District is not happy unless rates are raised every year.

Give us a break!!!!

A blue ink handwritten signature, appearing to be "Richard", written over the printed name.

A blue ink handwritten signature, appearing to be "Judy", written over the printed name.

Richard & Judy Hodnett

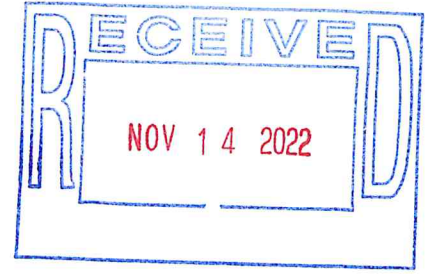
8825 Oak Ave

Orangevale, CA 95662

PARCEL # 224-0770-020-0000

Acct# 00420-0027756

To: District Secretary
Citrus Heights Water District



from: Valeriy Yevchenko, Property owner at
7967 and 7969 San Cosme Dr Citrus Heights CA 95610

Letter of Protest

Dear Secretary

I am writing this letter to protest the decision about raising the water rates / charges in 2022 or in 2023. (Per Proposition 2018)

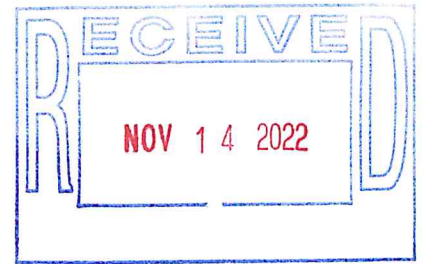
Thank you!

Sincerely, Valeriy Yevchenko (owner)

11/5/2022

Handwritten signature of Valeriy Yevchenko.

Acct# 07019-0039490



Hello,

I live at 7837 Wooddale Way, Citrus Heights, CA 95610, and I protest the proposed rate adjustments in Citrus Heights.

We have all been hit hard enough with inflation, we don't need all our bills to keep going up too.

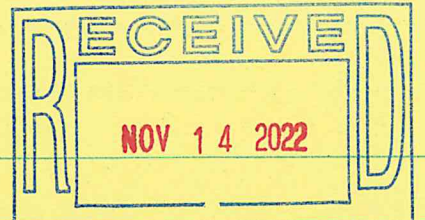
Thank you,

Kyle Carr

A handwritten signature in black ink, appearing to read "Kyle Carr", written over a horizontal line.

11/8/22

Acct# 10224 - 0024311



NOVEMBER 8, 2022

TO:
DISTRICT Secretary, Citrus Heights WATER District
P.O. BOX 286
CITRUS HEIGHTS, CA. 95611-0286

AS a CITRUS HEIGHTS property owner ^{CH} ~~8-11-8-2022~~

Living with high INFLATION prices
and a 76 year old mother living in the
house with my family I STRONGLY
PROTEST this proposed WATER RATE INCREASE.

WE FOLLOW ALL WATER EFFICIENTLY RULES.

WE ARE SO FINANCIALLY TIGHT IT'S HARD

JUST BUYING AND COVERING BASIC NEEDS.

MY HOUSE IS:

3 bedroom, BLUE SIDING
HOME ON 8153 CANYON OAK DR.
CITRUS HEIGHTS, CA 95610

Sincerely hoping
FOR NO RATE INCREASE.

Charles Howland

Charles

A. Howland

8153 Canyon Oak Drive
Citrus Heights, CA 95610

III

Mr. Charles A. Howland ^{III}
8153 CANYON OAK DR.
CITRUS HEIGHTS, CA.
95610



6230 Sylvan Road
Citrus Heights, CA
95610-5610

PRSR STD
U.S. POSTAGE
PAID
PERMIT NO. 316
SACRAMENTO, CA

MORE Proof



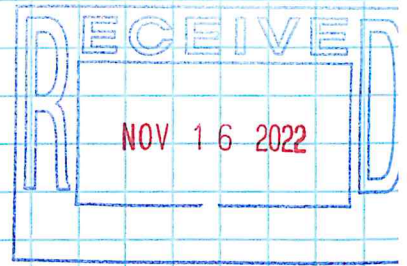
*****SCH 5-DIGIT 95610

20990/3

CHWD Customer
8153 CANYON OAK DR
CITRUS HEIGHTS CA 95610-0639



12 November 2022



TO ~

District Secretary / Citrus Heights Water District
P.O. Box - 286, Citrus Heights, Ca. 95611-0286

FROM ~

William & Mary Hall
8121 - Donnanwood Way
Orangevale, Ca. 95662

Account # 17698-0015610
meter # 48300179
(since 1969)

* → Assessor's Parcel Number: 259-0111-006-0000

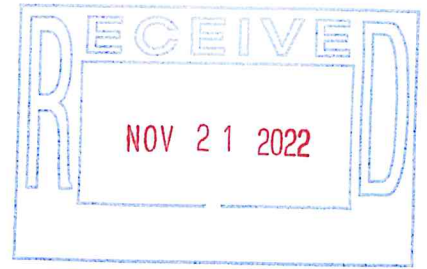
Re: "Proposed Rate Adjustments", effective 1 January 2023

(⇒ this is my written PROTEST against it!)

* I am "Totally", "Strongly" OPPOSED to any
Rate Increases, for ANY REASON!

I have never received a satisfactory reason for
why my bi-monthly "Service Charge" is often times "TRIPLE"
the charge for actual "WATER" used. If it's because there's
a 1 inch meter, than change it! "you" put it in! - I never
asked for or needed a 1 inch instead of standard 3/4" - it's
just a way for you to continually collect exorbitant money
C/H Water Dist. is totally lacking in integrity and do NOT serve
their customers with honesty or good-will - I oppose, distrust
ALL of you. (Only the servicemen are truthful.)

04800 - 0024483



November 18, 2022

To the Attention of:
District Secretary
Citrus Heights Water District
P.O. Box 286
Citrus Heights, CA 95611-0286

From:
Martin Levario (Homeowner)
7549 Sara Lynn Way
Citrus Heights, CA 95621
Parcel #: 204-0720-006-000

Subject: Protesting the proposed rate adjustments effective January 1, 2023

Hello,

I am writing in response to the recent Citrus Heights Water District (CHWD) mailer which speaks to the proposed rate adjustments that would take effect January 1, 2023.

Per Proposition 218, I am filing this written protest to you before the Public Hearing scheduled for December 12, 2022 at the Citrus Heights Community Center here in Citrus Heights.

While I appreciate that the CHWD water rate/bill is below the Sacramento regional average cost, we do not need to increase the cost to meet the regional average cost. I do understand there are other reasons for an increase; however, I am requesting CHWD **does not** initiate a rate increase effective January 1, 2023. The water costs are already expensive and I have spent 2K on removing my lawn, installing water drip systems, etc. to greatly reduce my water usage. No one offered to help me with that expense.

I want to reiterate that I am against any rate increase for 2023.

Thank you,

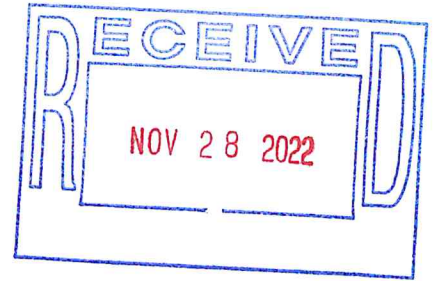
A handwritten signature in black ink, appearing to read "Martin Levario".

Martin Levario

#03285 - 0003003

11-25-22

Citrus Heights Water District
PO Box 286 Citrus Heights, Ca 95611-0286

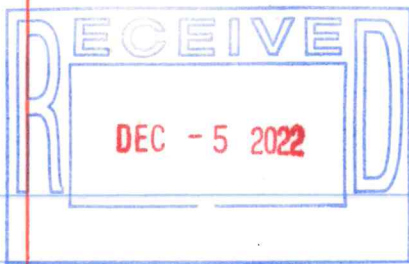


District Secretary:

Please re consider the per posed rate hike at this time. I am objecting to it because of the living conditions of people like myself that are low income. With grocery, gas & other things so highly priced, we dont need our utilities priced any higher.

Sincerely, Joanne C Coyne
Joanne Coyne (Ellis)
6504 Interrary Ct
Orangevale, Ca 95663

Parcel number:
261-0130-013-0000



#01337-0001198

Dec. 1 2022

I am writing in protest of the proposed Service Charge increase. We do not want the increase. There was just an increase last year.

You are also charging an extra \$10.50 a month for water main replacement.

Citrus Heights is becoming too costly to live in.

3 Bed, 1 bath ~~AA~~
lots of trees

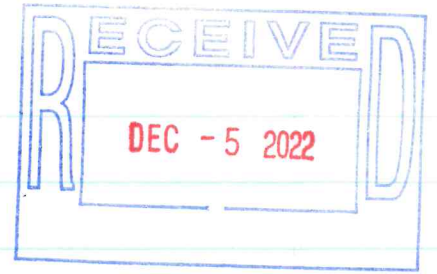
Pam + Norman DeCant
7248 Mandarin Cir.
Citrus Heights CA 95610

P.D.V.

M.A.D.

19952 - 0023526

CH Water District



Hello,

I oppose this water hike because of the extreme cost of living with food, gas & utilities costing so much.

Parcel # 211 - 0880 - 027 - 0000

Anita & Randy Monk - owners

7327 Thalia Way
Citrus Heights, CA 95621

District secretary CHWD

12/1/2022

#18659-0035680

I am writing this note as instructed to protest the proposed rate adjustments. We bought in Citrus Heights because we love the city. We purchased 1/3 acre and absolutely love it. Since moving in we have removed the front lawn and added water wise plants; trees and shrubs to the front yard with a drip system. We have changed out both toilets and all the showerheads so they are water wise. We have a washing machine that's high-efficiency and watch our water used constantly. Our backyard contains a large garden multiple fruit trees, grapes, berries, etc We do have lawn but we also installed a drought resistant type of lawn.

I feel with the current state of the economy, the increase in our waste collection and all the other numerous things that have gone up in cost it is not the best time to increase our water fees. We bought this property so we can be more self-sufficient as far as food goes but it does take a lot of water to water a garden when it's 115 outside. Everything is on drip and mulched. We do everything we can to limit the water use. It is a financial hardship to pay increase fees for water at this time I understand the need to raise prices but maybe it needs to wait another year hoping our economy gets a little bit better. And as I said with the waste collection going up as high as it did I don't feel it is right to increase our water fees.

Thank you very much for your time.

Deborah and Donald Harmon
7433 Leonard Ave
Citrus Heights 95610



12188-0010798

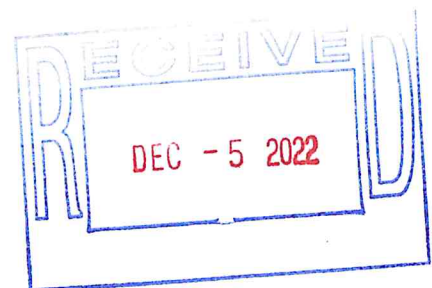
Nov 26, 2022

I Robert Houston Wyatt the owner
of property: LOT 426, as shown on the
official "Plat of Creek Unit No. 6, Recorded
in book 117 of Maps, Map No. 3, Records
of said county, Sacramento County.

Parcel No. 224-0530-017. Address:
8405 Oriol Oak Ct.
Citrus Heights, CA 95610

PROTEST the proposed water rate
adjustments beginning in 2023.

R. Houston Wyatt





18353 - 0036206

November 29, 2022

Citrus Heights Water District

I oppose the rate hike proposal. You ask us to decrease our water use, your revenue goes down. Homeowners are being crushed by electric, gas, property, and water rates. Many Citrus Heights residents have stopped watering outside completely. The property then looks blighted. Is this what we want for our community??

Christy S. Rapp
Christy S. Rapp

7909 Auburn Oaks Village Lane
Citrus Heights, CA 95610

APN 224-0960-048-0000

Attachment 3

CHWD Proposition 218 Notice



Notice of Public Hearing on Proposed Water Rate Adjustments Beginning in 2023

Thank you for your continued support of the Citrus Heights Water District (CHWD or District). The District is committed to balancing current needs for safe and reliable water with long term investments to ensure reliability and price stability of our water supply.

Our commitment to you is demonstrated through responsive customer service, capital improvements, infrastructure maintenance, water efficiency programs, and advocacy on your behalf with regional, state, and federal interests. **Through careful planning and timely investments, the District aims to keep ratepayer water bills below the Sacramento regional average.**

The District continues to take proactive steps to prevent large and unexpected expenses by prioritizing infrastructure and operational investments. As such, the District will request a rate adjustment for 2023. Gradual rate adjustments ensure that the District can continue to balance short-term demands and long-term needs as well as help avoid significant unplanned rate adjustments which can result from failing infrastructure.

Public Hearing: Monday, December 12, 2022 at 6:00 p.m.

Hearing Location: Citrus Heights Community Center, South Flex Room A - 6300 Fountain Square Drive, Citrus Heights, California

The Citrus Heights Water District Board of Directors will hold a Public Hearing on Monday, December 12, 2022, at 6:00 p.m. to consider the adoption of rate adjustments as described in detail in this notice.

Did You Know?

CHWD is funded by customers, for customers. As an independent irrigation district, separate from the City of Citrus Heights, the District does not receive any taxpayer funds. Close to 97% of CHWD's revenue is funded from charges billed to customers for the cost of services provided, and this revenue is being invested into infrastructure, operations, and services needed to ensure a continuous delivery of safe, clean, and reliable water.

Why Have I Received This Notice?

The District is committed to providing timely information through direct mail, videos, website content, newsletter updates, bill inserts, community meetings, and media outreach.

This notice was developed to provide you with key information about the District's Capital Improvement Projects, the cost of delivering safe water, and why rate adjustments are necessary.



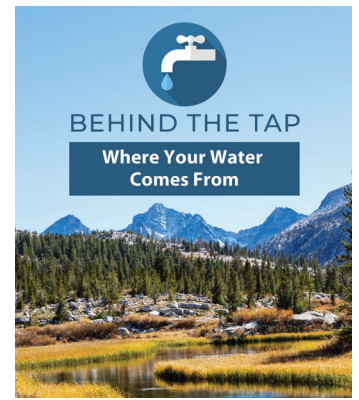
Where Does Your Water Come From?

CHWD is the water provider to approximately 70,000 customers in portions of Citrus Heights, Fair Oaks, Orangevale, Carmichael, and Roseville, California.

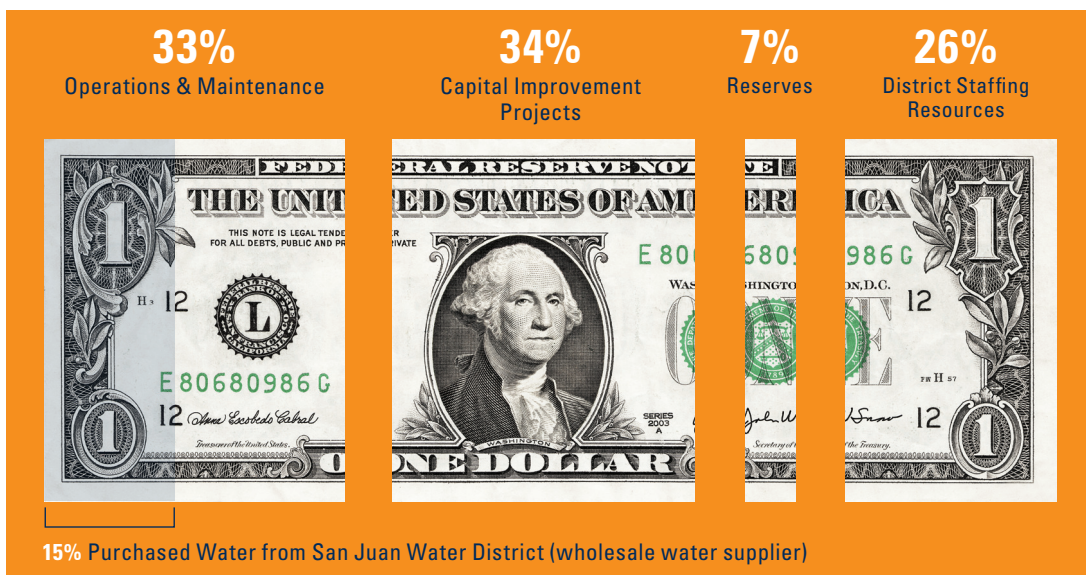
The District's service area consists of 12.8-square-miles with over 20,000 service connections.

More than half of the water CHWD serves its customers originates in the Sierra Nevada Mountains before it reaches our customers' faucets. Water from the American River flows into Folsom Lake before it is treated by San Juan Water District, CHWD's wholesale water provider. Lastly, treated water travels through miles of pipeline operated and maintained by CHWD into your home.

To supplement surface water from Folsom Lake, CHWD also owns and operates four active groundwater wells and two additional reserve wells to ensure a consistent source of water supply to our customers.



The Cost of Delivering Safe Water



The District's 2023 annual budget continues to prioritize Capital Improvement Projects, with 34% invested into the water system to maintain infrastructure, increase capacity, and ensure reliable delivery of water to our customers.

Operations and maintenance costs are 33% of CHWD's expenses, including San Juan Water District wholesale costs, which are 15% of CHWD's total budget.

To ensure long term reliability, CHWD's contribution to its designated reserves is 7% for 2023, and the remaining 26% of expenses fund the District's staffing resources.

Purchased Water from San Juan Water District (SJWD)

CHWD purchases treated surface water through SJWD, CHWD's wholesale water provider. A series of bond elections, water supply purchases, acquisition of water rights and facilities, and contracts with the U.S. Bureau of Reclamation all play a part in how you receive your water. SJWD acquired the North Fork Ditch Company water rights and facilities, and subsequently contracted with the U.S. Bureau of Reclamation for additional water from Folsom Lake.

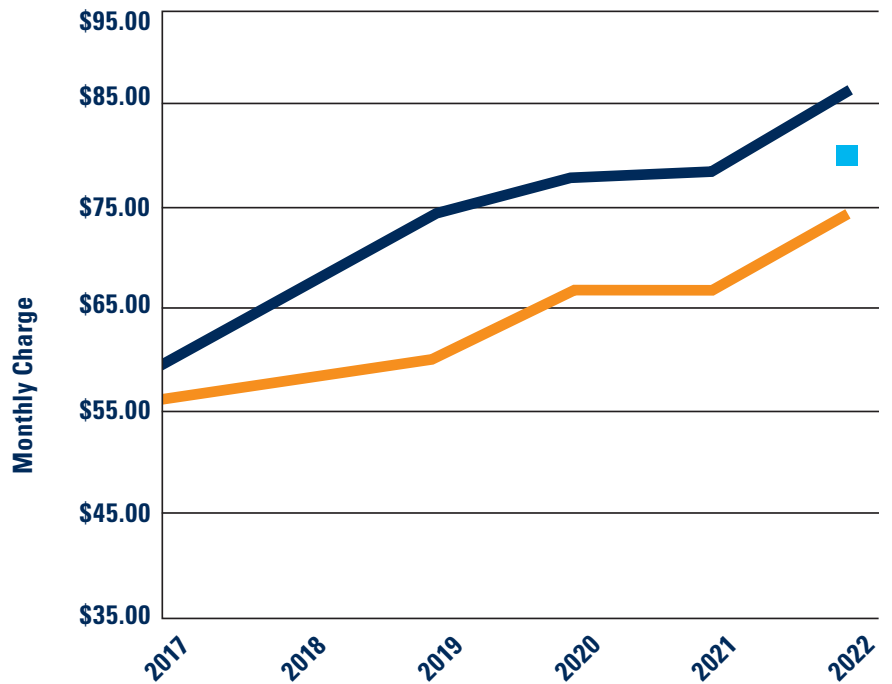
Decisions made by SJWD's Board of Directors on wholesale water rates directly impact CHWD's customers. CHWD will continue to advocate for our customers, and we encourage all CHWD customers to attend SJWD board meetings and make your voices heard. Find out more at sjwd.org/board-meetings.

Regional Rate Comparison

Below the Regional Average

Even with the proposed rate adjustment, the average CHWD water bill will remain **below the Sacramento regional average cost at 6.43% as shown to the right.**

- Regional Average Rates
- CHWD Rates
- 2023 Proposed Rate



Summary of Rates

Below is a summary of proposed changes to the bi-monthly customer service charges and usage charges for water consumption.

TYPE OF CHARGE	APPLIED BASIS OR FREQUENCY	2022 ADOPTED	2023 PROPOSED
Charges for Metered Rate Customer Accounts			
Service Charge, Domestic, Commercial & Irrigation Meters			
3/4-inch meter	bi-monthly, per meter	\$ 56.08	\$ 60.35
1-inch meter	bi-monthly, per meter	\$ 91.33	\$ 94.69
1½-inch meter	bi-monthly, per meter	\$ 150.08	\$ 151.92
2-inch meter	bi-monthly, per meter	\$ 220.58	\$ 220.60
3-inch meter	bi-monthly, per meter	\$ 443.82	\$ 438.07
4-inch meter	bi-monthly, per meter	\$ 773.14	\$ 758.81
Service Charge, Combination Meters			
Low flow bypass meter	bi-monthly, per meter	\$ 0.00	\$ 0.00
4-inch meter	bi-monthly, per meter	\$ 220.58	\$ 220.60
6-inch meter	bi-monthly, per meter	\$ 443.82	\$ 438.07
8-inch meter	bi-monthly, per meter	\$ 772.81	\$ 758.55
10-inch meter	bi-monthly, per meter	\$ 2,500.01	\$ 2,441.10
Usage Charges for Water Consumed (1 unit = 100 cubic feet = 748 gallons)			
Domestic, Commercial, Irrigation & Combination Meter			
All meter sizes	per unit	\$ 1.1900	\$ 1.4300

A Water Main Replacement Dedicated Charge remains in effect and is not proposed to be changed. For more information about the Water Main Replacement Dedicated Charge and Project 2030 Water Main Replacement Program, **scan the QR code or visit chwd.org/project-2030.**



CHWD's Priority Projects

PROJECT 2030 WATER MAIN REPLACEMENT



Our water is only as reliable as the pipes that supply it to our customers. The District's service area urbanized mostly between 1960-1985 with water mains mostly installed by private developers. These water mains became donated assets to the District, which then became CHWD's responsibility to operate, maintain, and replace them. Today, CHWD operates and maintains over 250 miles of pipeline.

Just because water mains are underground does not make them any less important. The life span of a water main is approximately 70 years. CHWD must substantially increase its annual replacement of aging water mains above its current annual level of \$2 million per year to nearly \$8 million per year beginning in 2030 and beyond for many decades to ensure long term water reliability.

To help prioritize water main replacements, CHWD is conducting in-field inspections of the District's transmission (large diameter) water mains. This condition assessment process is a proactive and planned approach which will identify which water mains to replace first.

To learn more about Project 2030, **scan the QR code or visit chwd.org/project-2030**.

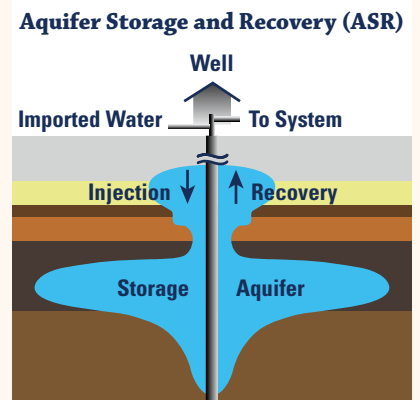


Groundwater Wells

Groundwater meets more than one fourth of CHWD's water supply needs during a normal year, and even more during drought periods.

The District has four active wells and two wells in reserve, and is planning to construct two additional wells to better meet the demands of our customers. The new wells will be the first wells equipped with Aquifer Storage and Recovery (ASR) technology that allows excess surface water in wet years to be injected into the ground and stored, and later extracted in dry periods to meet the water supply needs of CHWD's customers.

Through our commitment to advocate on your behalf with regional, State, and Federal interests, CHWD has secured \$1.6 million in Federal and State grant funding for its groundwater expansion program. These high-capacity groundwater wells will be capable of delivering more than 1,000 gallons of drinking water per minute each. There are very few opportunities for non-ratepayer funding, and CHWD continues to be aggressive in identifying and applying for grants and other non-ratepayer funding opportunities.



METER REPLACEMENT PROGRAM

ACCURACY + EFFICIENCY + TECHNOLOGY

The District became fully metered in December 2006 and began metered billing in January 2008 as a result of Federal and State regulations. CHWD's first generation of meters will soon approach the end of their lifespans.

Under CHWD's leadership, a consortium of 12 local agencies recently completed a study to review new meter technologies and determine the best path forward for water meter testing and replacements. Since then, CHWD completed a pilot program to test out new technology, and is working toward developing a meter testing program to better inform future meter purchasing decisions. Whenever possible, CHWD will partner with other water providers to reduce costs for the replacement of aging water meters.

The new generation of meters is anticipated to provide real-time measurements of water usage, allow on-demand tracking, and easier detection of small leaks to improve water efficiency.

Water Efficiency Resources

The District offers a variety of rebates and programs to help CHWD's customers use water efficiently.

Ultra-Low Flush (ULF) Toilet Rebate



CHWD offers a \$75 rebate on a new ULF toilet from CHWD's water efficiency program.

Pressure Reducing Valve (PRV) Rebate



Rebates are available if you install a PRV on your service connection and pass the on-site inspection by a CHWD representative.

High-Efficiency Clothes Washer Rebate



CHWD now offers a \$50 rebate for an Energy Star washer and a \$75 rebate for a washer on the EPA's "Most Efficient" list.



For information on rebates, visit chwd.org/rebates.

How To Protest The Proposed Rate Adjustments

All property owners receiving CHWD water service and customers of record are invited to attend the Public Hearing on Monday, December 12, 2022, at 6:00 p.m. at the Citrus Heights Community Center, South Flex Room A, 6300 Fountain Square Drive, Citrus Heights, California to comment on the proposed rate adjustments that would take effect on January 1, 2023. Proposition 218 allows property owners or customers to file a written protest before or during the Public Hearing. Only one written protest per identified parcel or property will be counted to determine whether there is a majority protest. If written protests are presented by a majority of the affected parcels, a rate adjustment will not be approved. Protests must be received in writing prior to the close of the Public Hearing to be considered. Electronic delivery of protests by fax or e-mail will not be accepted.

The written protest must be signed by a property owner(s) or customer(s), and must include a description of the affected property, including address and/or Assessor's Parcel Number.

Written protests can be mailed to:

**District Secretary | Citrus Heights Water District
P.O. Box 286, Citrus Heights, CA 95611-0286**

Written protests may also be hand-delivered to CHWD officials or staff at the District Administration Office by 5:30 p.m. on Monday, December 12, 2022, or until the close of the Public Hearing on the night of the Board of Directors meeting, Monday, December 12, 2022, at 6:00 p.m. at the Citrus Heights Community Center, South Flex Room A, 6300 Fountain Square Drive, Citrus Heights, California.

The CHWD Administration Office is located at 6230 Sylvan Road, Citrus Heights, CA 95610. Office hours are Monday through Thursday, 8:00 a.m. to 5:30 p.m. For the latest information from CHWD about the proposed rate adjustments, visit chwd.org/water-rates.



6230 Sylvan Road
Citrus Heights, CA
95610-5610



Postal Customer and Water Consumer in Citrus Heights Water District

CITRUS HEIGHTS WATER DISTRICT

Delivering Today & Planning for the Future

Key Successes in 2022:

- 296 water service connections installed or replaced
- 139 attendees at the District's FREE WaterSmart classes
- Over 4,200 feet of water mains installed or replaced
- More than 160 customers assisted with FREE water audits and smart controller installations
- 36 water valves and 11 fire hydrants installed or replaced
- 25 water meters replaced



Groundwater Wells

Follow and like our social media to stay informed of CHWD developments, services, and customer engagement opportunities. You can also sign up for CHWD emails on our website to ensure that this important information lands in your inbox and is never missed. Visit chwd.org/#email-list.



CITRUS HEIGHTS WATER DISTRICT

DISTRICT STAFF REPORT TO BOARD OF DIRECTORS DECEMBER 12, 2022 SPECIAL MEETING

SUBJECT : CAPACITY CHARGES EFFECTIVE 2023
 STATUS : Action Item
 REPORT DATE : December 12, 2022
 PREPARED BY : Carlos Urrutia, Interim Director of Finance and Administrative Services

OBJECTIVE:

Conduct a Public Hearing on the proposed Capacity Charges effective 2023, and consider adoption of a resolution establishing Capacity Charges for Citrus Heights Water District effective 2023.

BACKGROUND AND ANALYSIS:

This report presents the proposed Capacity Charges effective 2023. Accompanying this report is a proposed resolution, Resolution 13-2022, adopting Capacity Charges for CHWD effective 2023. The resolution includes a schedule of Capacity Charges.

Capacity charges are a method for ensuring that new connections, reconnections or enlarged connections to the District's water system are assessed for their equitable share of capacity in the existing facilities and assets of the District. The District uses a "System Buy-In Methodology" which recognizes the current value of providing the capacity needed to serve additional users.

The charging methodology is based on:

- 1) The meter equivalent;
- 2) Plus replacement cost of the District's assets;
- 3) Less depreciation, and current capital improvement program work in progress;
- 4) Less outstanding debt;
- 5) Plus an increase of 8.0% as found in the Engineering News Record.

The proposed 2023 fees schedule is included in the accompany Resolution 13-2022.

Proposed Capacity Charges for 2023 are calculated in accordance with District Policy No. 7500, Capacity Charges. Although these Capacity Charges will be adopted as a separate Board action, once adopted, they will be incorporated in the schedule of CHWD Water Rates and Miscellaneous Charges and Fees effective 2023.

RECOMMENDATIONS:

1. Conduct the Public Hearing on the proposed Capacity Charges effective 2023; and

2. Adopt Resolution 13-2022 Adopting Capacity Charges for Citrus Heights Water District effective 2023.

ACTION:

Moved by Director _____, Seconded by Director _____, Carried _____

ATTACHMENT:

1. Resolution No. 13-2022 2023 Capacity Fees

Attachment

Resolution 13-2022 Capacity Charges

CITRUS HEIGHTS WATER DISTRICT
RESOLUTION NO. 13-2022

RESOLUTION ADOPTING CAPACITY CHARGES
FOR CITRUS HEIGHTS WATER DISTRICT EFFECTIVE 2023

WHEREAS, upon motion duly moved, seconded, and carried, the following Capacity Charges were adopted effective 2023:

<u>Type of Charge</u>	<u>Applied Basis or Frequency</u>	<u>2023 Adopted</u>
<u>Capacity Fees</u>		
5/8 inch	per service	\$3,222.51
3/4 inch	per service	\$4,833.76
1 inch	per service	\$8,056.27
1 1/2 inch	per service	\$16,112.53
2 inch	per service	\$25,780.06
3 inch	per service	\$56,393.87
4 inch	per service	\$101,508.97
6 inch	per service	\$209,462.95
8 inch	per service	\$451,150.98
10 inch	per service	\$676,726.46
12 inch	per service	\$847,302.90

PASSED AND ADOPTED by the Board of Directors of the CITRUS HEIGHTS WATER DISTRICT, this 12th day of December 2022, by the following vote, to-wit:

AYES: Directors:
NOES: Directors:
ABSTAIN: Directors:
ABSENT: Directors:

S E A L

CARYL F. SHEEHAN, President
Board of Directors
Citrus Heights Water District

ATTEST:

HILARY M. STRAUS, Secretary

CITRUS HEIGHTS WATER DISTRICT

DISTRICT STAFF REPORT TO BOARD OF DIRECTORS DECEMBER 12, 2022 SPECIAL MEETING

SUBJECT : DISCUSSION AND POSSIBLE ACTION TO APPROVE THE 2023 BUDGET
 STATUS : Action Item
 REPORT DATE : December 12, 2022
 PREPARED BY : Carlos Urrutia, Interim Director of Finance & Administrative Services

OBJECTIVE:

Conduct a Public Hearing for the proposed Operating and Capital Improvement Budgets, and Transfers to Designated Reserves for 2023, and consider adoption of a resolution establishing the Fiscal Year 2023 Operating and Capital Improvement Budgets, and Transfers to Designated Reserves.

SUMMARY:

This report presents the proposed Operating and Capital Improvement Budgets, and Transfers to Designated Reserves for 2023. Accompanying this report is a copy of a proposed resolution, Resolution 14-2022, establishing the Fiscal Year 2023 Operating and Capital Improvement Budgets, and Transfers to Designated Reserves, which includes a summary of these budgets in the following amounts:

2023 Operating Budget:	\$ 15,993,457
2023 Capital Improvement appropriations:	
Previously-Approved Projects Carried Over from 2022:	\$ 2,827,699
Prior Years Project Amendment:	\$ 1,090,000
New Capital Projects Request for 2023:	\$ <u>4,308,000</u>
Total 2023 Capital Improvements Budget:	\$ <u>8,225,699</u>
2023 Transfers to Designated Reserves:	\$ 1,774,099

BACKGROUND AND ANALYSIS:

Based upon the goals and objectives identified by the Board at the Strategic Planning Session on May 25, 2022, staff has updated the Financial Model and prepared the proposed 2023 Operating and Capital Improvement Budgets. Budget information and rate options will be considered by the Board of Directors at this Public Hearing on December 12, 2022. Moreover, the proposed 2023 CHWD budget, rate program and the District's work program were presented to five neighborhood associations throughout Citrus Heights, Citrus Heights Chamber of Commerce, two service clubs (Rotary and Kiwanis) within Citrus Heights, and a community meeting in Orangevale.

Accompanying this staff report for the Board's review is CHWD's budget document, which focuses on highlighting programs and projects the District is planning to accomplish in the coming year based upon the proposed revenue and expenditure plan.

2023 Operating Budget

The 2023 Operating Budget was prepared with the goal of supporting the District's mission of providing a dependable supply of safe, quality water delivered in an efficient, responsive, and affordable manner. Moreover, the proposed 2023 Operating Budget incorporates Strategic Planning goals and objectives identified by the Board, with input from leadership staff, at the Board's Strategic Planning Session. District staff recommends the proposed 2023 Operating Budget, as it reflects a balance between maintaining high-quality water service and keeping costs in check.

The 2023 budget continues the practice of estimating the amount of staff time to be spent working on capital improvement projects and allocating the estimated salary and benefit costs to the Capital Improvement Budget. This allocation gives a more accurate picture of the true cost of both day-to-day operations and capital improvements.

Operating and Capital Budget

Highlights of the 2023 expenditure plan include:

- 1) CHWD continues to focus in 2023 on advanced planning for infrastructure and programs and other Strategic Planning activities. For example, the Operating budget includes funding for implementation of Project 2030 – Water Main Replacements, Water Meter Replacement Program, Enterprise-wide Document Management and Scanning, and similar planning activities and projects.
- 2) Key capital projects proposed for 2023 are highlighted below. These projects proposed implement the 1999 Capital Improvement Program Master Plan and/or are based on a staff evaluation of capital needs. The construction of Well #7 is included. In addition, the District has applied for a combined \$3 million (Congressionally directed funding and United States Bureau of Reclamation grant funding) for Well #8. Project delivery capacity is leveraged by the use of consultants/contractors on a project-specific basis.

Operating and Maintenance Budget

- \$15.99 million, representing an overall increase of about \$973,000, of which \$400,000 will go into two reserves made up of a \$200,000 to a water supply reserve and \$200,000 to a water meter replacement reserve.
- \$3,200,000 of the total budget is the projected cost of treated water from San Juan Water District.
- Approximately \$500,000 in salary and benefit costs are allocated to the Capital Improvement Budget to account for staff time spent in the planning, design, construction and inspection of capital projects by District employees.

Capital Improvements Budget

2023 Capital Improvement appropriations:

Previously-Approved Projects Carried Over from 2022:	\$ 2,827,699
Prior Years Project Amendment:	\$ 1,090,000
New Capital Projects Request for 2023:	<u>\$ 4,308,000</u>
Total 2023 Capital Improvements Budget:	<u>\$ 8,225,699</u>

Project highlights include:

- Replacement, upgrades and new fire hydrants totaling \$175,000.
- Operations equipment replacements and new equipment totaling \$200,000.
- Groundwater Well Capital Projects
 - Design and Construction of Well No. 7 totaling \$3.2 million.
 - Groundwater Well Improvements totaling \$200,000.

Designated Reserves Transfers

The proposed 2023 budget meets all policy targets for fund balances in the District’s designated reserves in addition to the \$1,774,099 in total reserve transfers noted below from the Operating Fund composed of:

- \$1,374,099 transfer to the Water Main Replacement Reserve – Project 2030
- \$200,000 transfer to the Water Supply Reserve
- \$200,000 transfer to the Water Meter Replacement Reserve

Total Operating, Capital and designated Reserved Transfers Budgets for 2023:

Total Funding Requirements for 2023 Budgets:

Operating Budget	CIP Budget	Transfers to Reserves	Total
\$15.99 million	\$8.23 million	\$1.77 million*	\$24.2 million

*The transfer to reserves is included in the operating budget total.

Public Information and Public Engagement Program for the 2023 Budget

Staff continues with CHWD’s public education/outreach strategy to help inform customers concerning key issues facing the District (e.g., increasing costs from San Juan Water District, aging infrastructure that is in

need of replacement, and the importance for the District to continue its groundwater well development program).

Key channels for educating and engaging customers include: a Hand-out/Mailer; budget and funding information at CHWD’s website; meetings with stakeholder audiences; “virtual road show” presentations provided by key staff (General Manager, Department Heads and other leadership staff within Operations and Administrative Services) to the City’s neighborhood associations, service organizations (e.g., Rotary and Kiwanis); and use of the District’s social media platforms.

RECOMMENDATIONS:

1. Conduct a Public Hearing on the proposed Budget for 2023; and
2. Adopt Resolution 14-2022, establishing the Fiscal Year 2023 Budget.

ATTACHMENT:

Resolution 14-2022, 2023 Budget, and Exhibit A, 2023 CHWD Budget

ACTION:

Moved by Director _____, Seconded by Director _____, Carried _____

Attachment

Resolution 14-2022 2023 Operating and Capital
Improvement Budget

CITRUS HEIGHTS WATER DISTRICT
RESOLUTION NO. 14-2022

RESOLUTION ESTABLISHING
FISCAL YEAR 2023 BUDGET
FOR CITRUS HEIGHTS WATER DISTRICT

WHEREAS, CITRUS HEIGHTS WATER DISTRICT has identified the costs of operating the District, providing capital improvements to the infrastructure of the District, and transfers to designated reserves for the Fiscal Year beginning January 1, 2023; and

WHEREAS, the District has prepared budgets setting forth the dollar amounts proposed for District operations, capital improvements, and designated reserve transfers as follows:

Operating Budget: \$15,993,457; and Capital Improvement Budget: \$8,225,699; and

WHEREAS, a noticed Public Hearing was held on December 12, 2022 for the purpose of receiving public comment on the proposed Fiscal Year 2023 Budget.

THEREFORE, BE IT RESOLVED the Fiscal Year 2023 Budget (Exhibit A) accompanying this resolution and incorporated herein as part of this Resolution, are hereby adopted.

PASSED AND ADOPTED by the Board of Directors of the CITRUS HEIGHTS WATER DISTRICT, this 12th day of December, 2022, by the following vote, to-wit:

AYES: Directors:
NOES: Directors:
ABSTAIN: Directors:
ABSENT: Directors:

S E A L

CARYL F. SHEEHAN, President
Board of Directors
Citrus Heights Water District

ATTEST:

HILARY M. STRAUS, Secretary
Citrus Heights Water District

Exhibit A

2023 Annual Budget



2022 Poster Contest Grand Prize Winner - Antoinette Vela, Woodside K-8, 6th Grade

2023 ANNUAL BUDGET



**CITRUS
HEIGHTS
WATER
DISTRICT**

CITRUS HEIGHTS WATER DISTRICT

CITRUS HEIGHTS, CALIFORNIA



6230 Sylvan Rd,
Citrus Heights, California 95610
(916) 725-6873
chwd.com

Board of Directors

Caryl F. Sheehan, President
Raymond A. Riehle, Vice-President
David C. Wheaton, Director

Executive Staff

Hilary M. Straus, General Manager
Carlos Urrutia, Interim Director of Finance & Administrative Services
Melissa Pieri, Director of Engineering & District Engineer
Rebecca Scott, Director of Operations

Appointed Officers

Hilary M. Straus, Secretary
Carlos Urrutia, Interim Treasurer

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Introductory Section

C I T R U S
H E I G H T S

W A T E R
D I S T R I C T



Frequently Asked Questions About the Budget

[Why is the Citrus Heights Water District separate from the City of Citrus Heights? Page 11](#)

[How many people does the District serve? Page 11](#)

[Does the District have a policy that guides how to report, invest, and audit funds? Page 31](#)

[What is the District's annual revenue? Page 37](#)

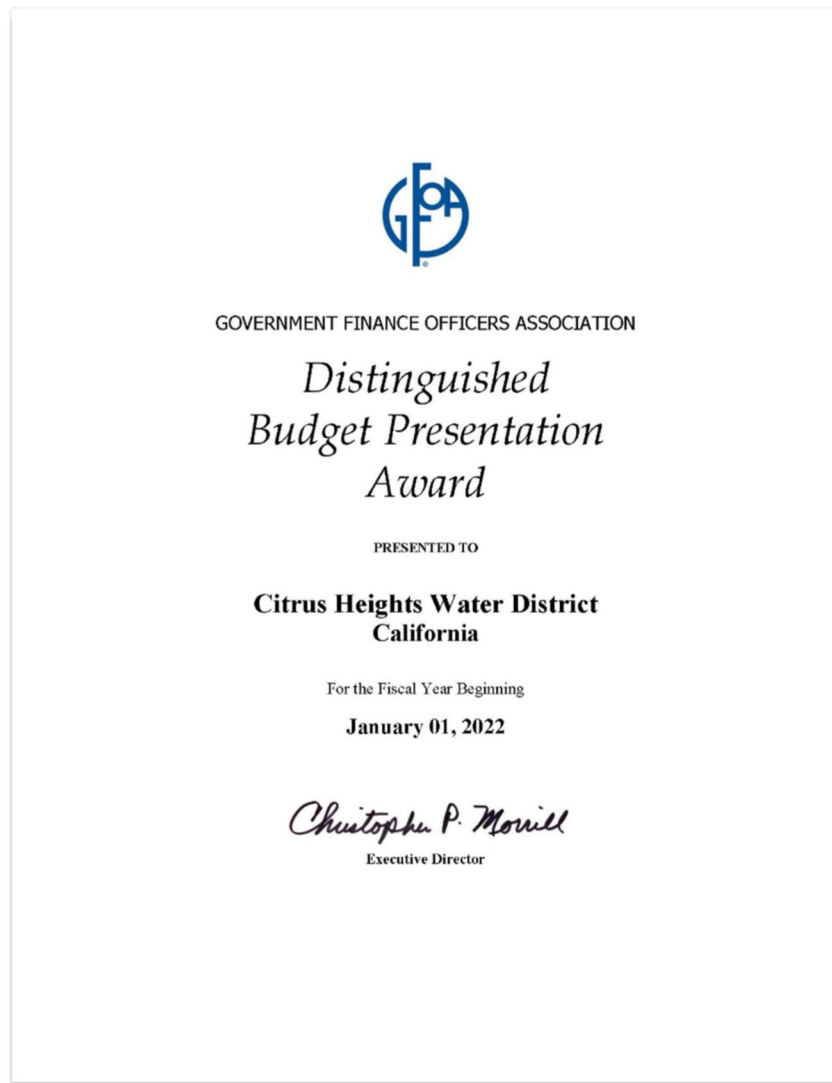
[How many employees work for the District? Page 39](#)

[What are the District's reserves? Page 60](#)

Distinguished Budget Presentation Award

Government Finance Officers Association of the United States and Canada (GFOA) presented a Distinguished Budget Presentation Award to Citrus Heights Water District for its Annual Budget for the fiscal year beginning January 01, 2022. To receive this award, a governmental unit must publish a budget document that meets program criteria as a policy document, as a financial plan, as an operations guide, and as a communications device.

This award is valid for one year only. We believe our current budget continues to conform to program requirements, and we are submitting it to GFOA to determine its eligibility for another award.



Letter of Transmittal

**CITRUS
HEIGHTS
WATER
DISTRICT**



Board of Directors
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December 12, 2022

Honorable President and Members of the Board of Directors,

It is my pleasure to present you with the Citrus Heights Water District (CHWD or District) Fiscal Year (FY) 2023 Budget. This year's budget demonstrates CHWD's continuing commitment to providing high quality, economical, and responsive services to our customer base while continuing the District's commitment to reinvest in its aging infrastructure and capital assets.

Agency History and Infrastructure/Asset Management

A review of the District's history, key infrastructure and assets helps inform customers today about operational and capital cost drivers. The District formed in October 1920 under the State of California Irrigation Code with a three-member Board of Directors. Surface water was purchased by the North Fork Ditch Company, which had water rights to the American River, including what is now Folsom Lake. Water was conveyed to the Citrus Heights service area through a network of small canals and pipelines.

Water Mains

With the construction of Folsom Lake in the mid-1950s came the formation of CHWD's wholesale water provider, San Juan Water District. Soon after, as a result of funding from a bond measure, called "Project 1956," a 42-inch transmission main was constructed from just west of Folsom Lake to provide water service to the CHWD service area. That transmission main, which is now over 60 years old, along with a back-up, large-diameter Cooperative Transmission Pipeline, built in 1996 in partnership with San Juan Water District, what is now Sacramento Suburban Water District, Fair Oaks Water District, and Orange Vale Water Company, serve as the primary pipelines to convey treated surface water from Folsom Lake via the San Juan Water District to CHWD's over 20,000 customers. Annually, a significant majority of the water served to CHWD's customers is this surface water. The remaining water comes from CHWD's groundwater wells.

The District's service area urbanized in the period between 1960 and 1985. Most of CHWD's 250 miles of transmission and distribution water mains were installed by private developers, and were inspected by CHWD during that time period. These water mains were then donated to CHWD, and the responsibility for the operation, maintenance, repair, and replacement was transferred to CHWD's rate payers. CHWD's service area is nearly 13 square miles.

According to the American Water Works Association (AWWA), the average lifespan of a water main is 70 years. Therefore, water mains installed en masse beginning in 1960 will reach 70 years of age in 2030, and CHWD forecasts that it will need to undertake a significant program of water main replacements beginning in 2030, and for several decades thereafter, to reduce the likelihood and consequence of water main failures in its service area.

Water Meters

Federal and State mandates in the early 1990s required CHWD to install and use water meters with its customers, and the District became fully metered with metered billing by 2009. AWWA reports that the average lifespan of a water meter is only 20 years. Also, water meter technology is rapidly evolving as water meters become more information-technology-based, or "smarter." Newer meters offer web-based data/analytics to help utilities and customers better manage water distribution and consumption.

Like water mains, CHWD is facing the challenge of replacing its aging water meters en masse. To address this challenge, CHWD took the lead to form a consortium of 11 water agencies, plus the Sacramento area Regional Water Authority, to explore opportunities to work together to realize significant long-term cost savings to replace water meters and more generally manage these assets throughout the Sacramento region.

Groundwater Wells

Beyond the management of water mains and water meters, a third major area of infrastructure and asset management is the development, operations, maintenance, and repair of CHWD's network of high-capacity groundwater wells. These groundwater wells range in capacity from approximately 1,000-2,000 gallons per minute (GPM). CHWD has historically undertaken, and continues to maintain a network of groundwater wells, supplemental to its surface water supply, to ensure supply reliability and price stability for its customers. The average lifespan of a well is approximately 50 years, and CHWD continues to plan for capital reinvestment, and as it deems necessary, for expansion of its groundwater program. One new, but potentially significant groundwater management technology that CHWD will introduce with the development of its next well, currently under development, is Aquifer Storage and Recovery (ASR). With ASR, CHWD's groundwater wells will be able to not only extract groundwater, but inject surface water into the ground, in partnership

with a water provider who has surface water availability and excess supply. This injected water could be extracted in a later dry period. This groundwater injection capability will increase CHWD's capacity to better manage the area's groundwater aquifer and potentially serve to offset the District's costs. As CHWD is centrally located in the Sacramento region and maintains over 20 interconnections with surrounding water providers, CHWD is committed to working regionally to be able to effectively manage water resources

Other Issues Impacting CHWD's Budget

For every rate dollar CHWD's customers pay, approximately 65 cents go to a fixed charge and the remainder is charged based on a customer's water usage. As identified by CHWD's Project 2030 master plan, CHWD is facing flat, and even declining, water demand tied to increased water use efficiency per capita. Water efficiency is tied to changed water use habits in the post-2015 drought era (thought to be a "new normal" of lower water usage); the implementation of water meters/metered-billing; and the increasing impact of state water efficiency regulations.

Flat or declining water usage demand places a greater burden on the fixed portion of the rate as water agencies incur significant capital and operating expenses to deliver the first unit of water to its customers.

Moreover, CHWD's wholesale water agency, San Juan Water District's (SJWD's), rates are expected to continue increasing. SJWD has reported that its capital improvement program is underfunded, and that the agency has aging facilities and equipment in need of repair, remodel and replacement.

During 2022, CHWD advocated that SJWD complete a formal cost allocation plan, analyzing and defining costs that should be charged to its wholesale versus retail agencies. That cost allocation plan development is underway. From there, SJWD is expected to complete updates to its Wholesale agency master plan and accompanying financial plan. SJWD's updated financial plan is expected to show wholesale rate increases well into the future. Further, anticipated debt service costs tied to SJWD's replacement of its Hinkle Reservoir lining is expected to have a significant impact on future wholesale agency rates. Further, it appears that the increase in consumption tied to the COVID-19 Virus Pandemic of 2020-2021 was temporary and has subsided, due in part to the end of social distancing/staying at home. Lastly, consumption has decreased due to drought messaging led by the State of California during 2021-2022.

Focus on Long-Range Planning

CHWD has a long-standing tradition of planning and managing its long-term capital and operational needs and accompanying financial planning. CHWD's focus on long-range planning is exemplified by its water main master planning (e.g., 1999 Master Plan that focused on water main replacements; Project 2030—Water Main Replacement

Program; Water Meter Replacement Study and Consortium-based Meter Replacement Asset Management Program; maintaining a 10-year financial forecast as a driver for annual budgeting; and the use of Strategic Planning, focusing on three-year goals and one-year objectives as a driver for annual budgeting).

Implementation of an Annual Budget Based on a 10-Year Budget Forecast

Given the significant capital and asset management-related one-time and ongoing expenses projected, CHWD has developed and maintained a 10-year budget forecast or Financial Model. The Financial Model is updated regularly with actual revenues and expenses, and serves as a key policy, operational, capital and financial planning tool as the District considers policy, operational, capital and budget options. A summary of the 10-Year Financial Model is included in the "Financial Model" section of the budget.

Reserve Policies and Special Funding

Each year, CHWD endeavors to transfer a portion of net revenue to both designated and undesignated reserves. Placing ratepayer dollars in reserves ensures that CHWD can smooth-out its expenses and minimize its use of debt financing (which can add significant expense, delay, complication and result in a loss of local control to CHWD as it implements its Capital Improvement Program).

CHWD's designated reserves, which are described in more detail in the Appendix section of the budget, include: Water Efficiency, Water Supply, Debt Services, Employment-Related Benefits, Fleet Equipment, Rate Stabilization, Water Meter Replacement, Water Mains, Operating and Capital Improvement.

Strategic Planning

Since 2016, CHWD has incorporated a Strategic Planning process into its annual budget development. The Strategic Planning process focuses on identifying important work program items over and above daily operations of the District. These work program items are intended to address complicated issues that can significantly impact the District and/or that can help take CHWD to the next level.

Strategic Planning is undertaken as one of the initial activities of the budget development process, and includes a review of the prior year's work program, and an examination/re-examination of the District's three year goals and one-year objectives, organized under each goal. One-year objectives are then assigned to a CHWD staff member, who is chiefly responsible for the implementation of that objective, along with a team of CHWD staff and/or consultants in a supporting role. CHWD Board Members and leadership staff (General Manager, department heads, division managers and key staff), as well as members of CHWD's Customer Advisory Committee (CAC) participate in a Strategic Planning session held as a public meeting, typically in May, June or July of each year. From there, CHWD finance staff prepare a draft budget with expenditure and funding options, many of which incorporate Strategic Plan work

program items, to ensure that the Strategic Plan is implemented as directed by the Board.

For 2023, there are several one-year objectives organized under five three-year goals, including: 1) Manage Water Efficiency Effectively and Empower Customers to Use Water in an Efficient Manner; 2) Manage the Efficient Improvement of and Reinvestment in District Infrastructure and Facilities; 3) Promote Organizational Effectiveness to Enhance Customer Service; and 4) Engage Customers and Communicate the District’s Value-Added Services/Benefits and Key Factors Affecting its Operations. A summary of the CHWD’s 2023-26 Strategic Plan is included in the "Strategic Planning" section of the budget.

Public Education/Outreach

Given the significant service and financial implications of many operational and capital initiatives, over the years CHWD has increasingly committed resources to public education and outreach. In 2021, CHWD hired its first Communications and Public Engagement Manager to coordinate a multifaceted communications and outreach program. Some of CHWD’s platforms for communication include its website, social media (YouTube, Facebook, Nextdoor, Instagram and Twitter), its direct-mail Waterline newsletter, annual visits to neighborhood associations, and its establishment of a 25-member Customer Advisory Committee (CAC) to consider options for phasing, costs and funding of water main and meter replacements. Also, CHWD maintains a Garden Corps of customers who maintain its Water Efficient Demonstration Garden at the Sylvan Ranch Community Garden. Lastly, the CHWD staff team participates in and maintains active memberships with many community groups, including Rotary, Kiwanis, Soroptimist, Citrus Heights Chamber of Commerce and the Orangevale Chamber of Commerce.



CHWD Demonstration Garden

The Customer Advisory Committee is made up of 17 residential customers, three commercial customers (representing the Citrus Heights Chamber of Commerce, Sunrise MarketPlace Property-based Business Improvement District and the Auburn Boulevard Business Association), and five public agencies (City of Citrus Heights, Sacramento Metropolitan Fire District, San Juan Unified School District, Sunrise Recreation and Park District and Sylvan Cemetery District).

The CAC has worked with CHWD leadership, technical staff, and a team of engineering and financial planning consultants to analyze capital and financial planning options for the replacement of water mains and meters, and it makes policy recommendations on these topics to CHWD’s Board of Directors.

As we look ahead to 2023, CHWD will continue to strengthen and expand its public education and outreach program.

Operating Budget

Looking ahead to budget year 2023, some of the key work program items included in CHWD's budget include:

- **Water Supply**— Complete construction of Well Site #7, which will include Aquifer Storage and Recovery technology
- **CHWD Infrastructure and Facilities**—Continue planning work for Project 2030—Water Main Replacement Program, with additional non-invasive condition assessments
- **Organizational Effectiveness**— Continue analyses of regional water agency activity and potential impacts to CHWD
- **Engage Customers**—Continue to educate customers about State and regional policies and activities that impact CHWD's operations and water supply

District's Capital Improvement Program (CIP)

CHWD is proud that its CIP continues to be its single largest budgeted expense. The CIP focuses on replacement of water mains, meters, CHWD's groundwater program and system-wide appurtenances and other facility replacements and improvements. The CIP also includes buildings, grounds and fleet, which support CHWD's ongoing operations and capital improvement work programs. A summary of CHWD's Capital Improvement Program is included in the "Capital Budget" section of the budget.

Conclusion

This year's budget focuses on completing important long-range infrastructure and asset management planning, expanding CHWD's groundwater program, continuing to provide enhanced public services, providing expanded opportunities for customer participation and maintaining adequate reserves. CHWD's 2023 budget also highlights the District's ongoing commitment to operational and financial efficiency.

Respectfully submitted,



Hilary M. Straus
General Manager

About the District

The Citrus Heights Water District (the “District” or “CHWD”) was established in 1920 as the Citrus Heights Irrigation District.

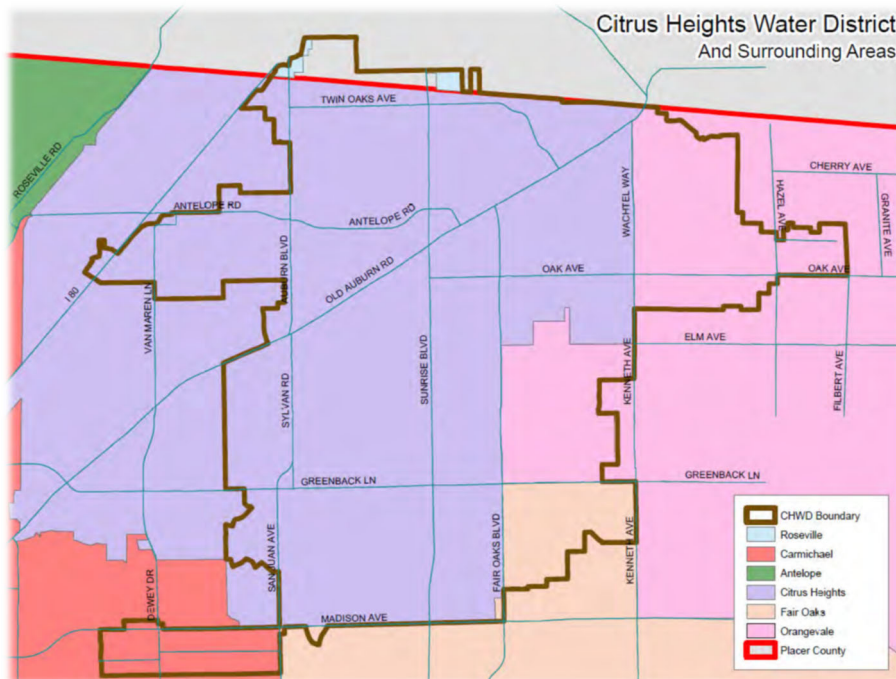
The District currently serves water to a population of approximately 67,000 people within an approximately 13-square-mile service area.

CHWD carries out its mission with highly-motivated and competent staff empowered to conduct CHWD’s business by placing the customers’ needs and welfare first. Each day, CHWD employees strive

to carry out their work, mindful of the District’s mission “to furnish a dependable supply of safe, quality water delivered to its customers in an efficient, responsive, and affordable manner.”



CHWD Offices



CHWD Service Area

The District provides these programs to increase water efficiency:

- **Water Smart Classes** - Every year, CHWD offers a series of Water Smart Landscape classes for customers. These free classes provide many tips and tools to help residents maintain or upgrade their residences in the most water-efficient ways.
- **Free Irrigation Efficiency Review** - CHWD can arrange a Landscape Irrigation Review at no cost to customers to help manage and maintain their irrigation systems. Upon completion of the Review, customers receive a written report that includes recommendations for improving irrigation system performance, and a 12-month irrigation schedule based on the customers' personal landscape needs.
- **Rebates** - To assist customers in conserving water, the District provides rebates for the purchase and installation of ultra-low flush (ULF) toilets, high-efficiency washing machines and pressure reduction valves.
- **School Programs** - CHWD partners with schools within its service area to educate children about the importance of water efficiency and how they can help conserve water.



Poster Contest 1st Place Winner, 2022

- *Poster Contest* - In coordination with three neighboring agencies, CHWD conducts an annual poster contest where students in grades 4-6 can submit a drawing illustrating how they use water efficiently. A panel of judges review the drawing submissions and select the winners.

Governance and Organizational Structure

CHWD is a special district established as an Irrigation District under the State of California Water Code. The District is governed by a three-member Board of Directors that is elected to a four-year term. CHWD has a by-district electoral system, which means that Directors are elected only by voters who reside within each Director's

district. The District was staffed in 2022 by 36 full-time equivalent employees assigned to three departments: Administrative Services, Engineering, and Operations. The General Manager and General Counsel are appointed by, and report directly to, the Board of Directors.

Water Supply

In 2022, the District purchased 64% of its water from SJWD, and delivered it to approximately 20,300 residential and commercial service connections. Additionally, the District maintains six groundwater wells and approximately 250 miles of pipeline. CHWD has been treating and delivering groundwater to customers since 1943.

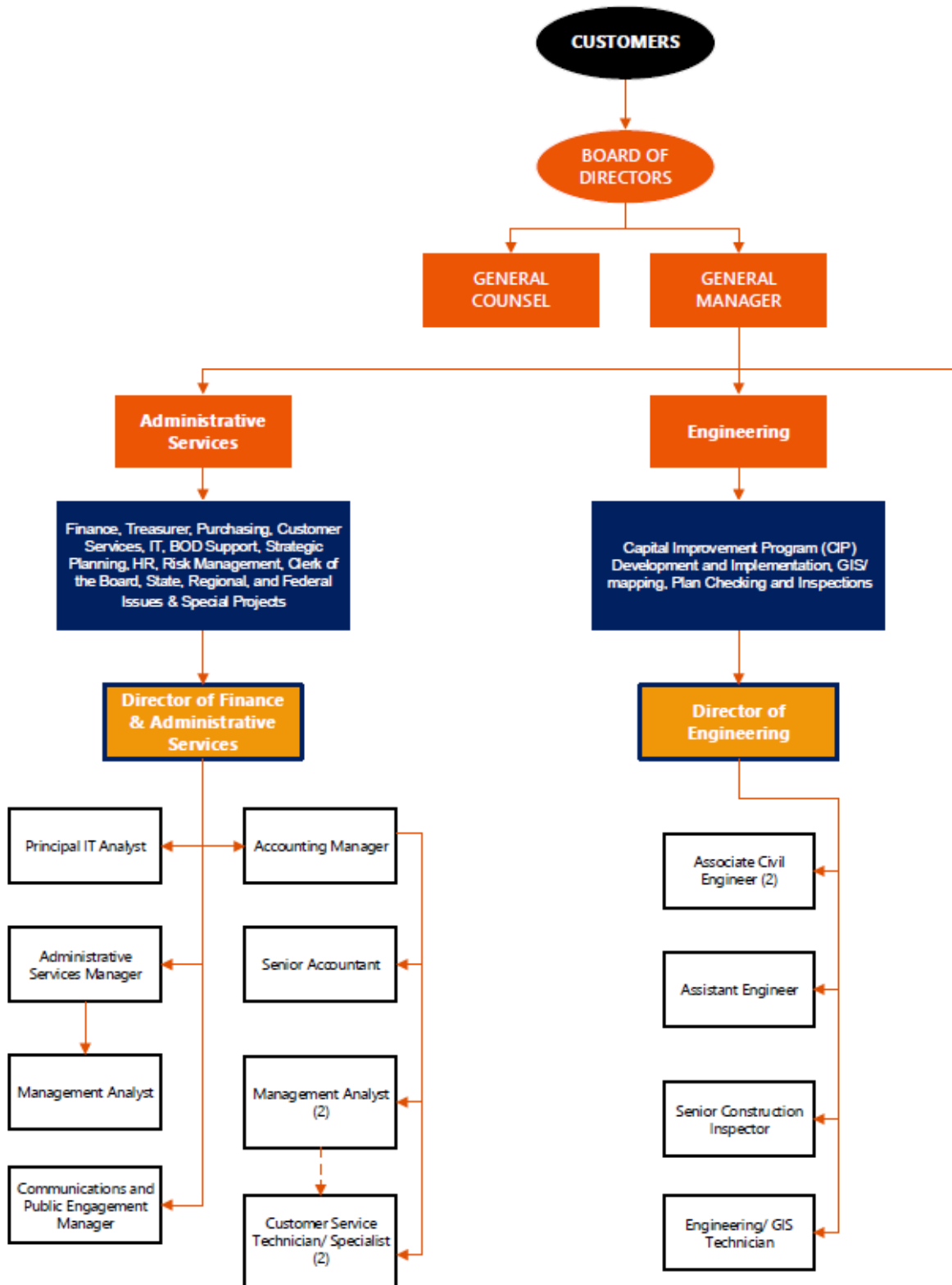
Demographic and Economic Statistics

Demographic and economic statistics are provided for the City of Citrus Heights (City) and the County of Sacramento (County) because these statistics are not separately available for the District’s service area. The District is comprised of some areas of the City and unincorporated areas of the County. The District believes that data from the City and County is representative of the conditions and experiences of the District. These statistics may be found in the “Statistical Data” section of the Budget.

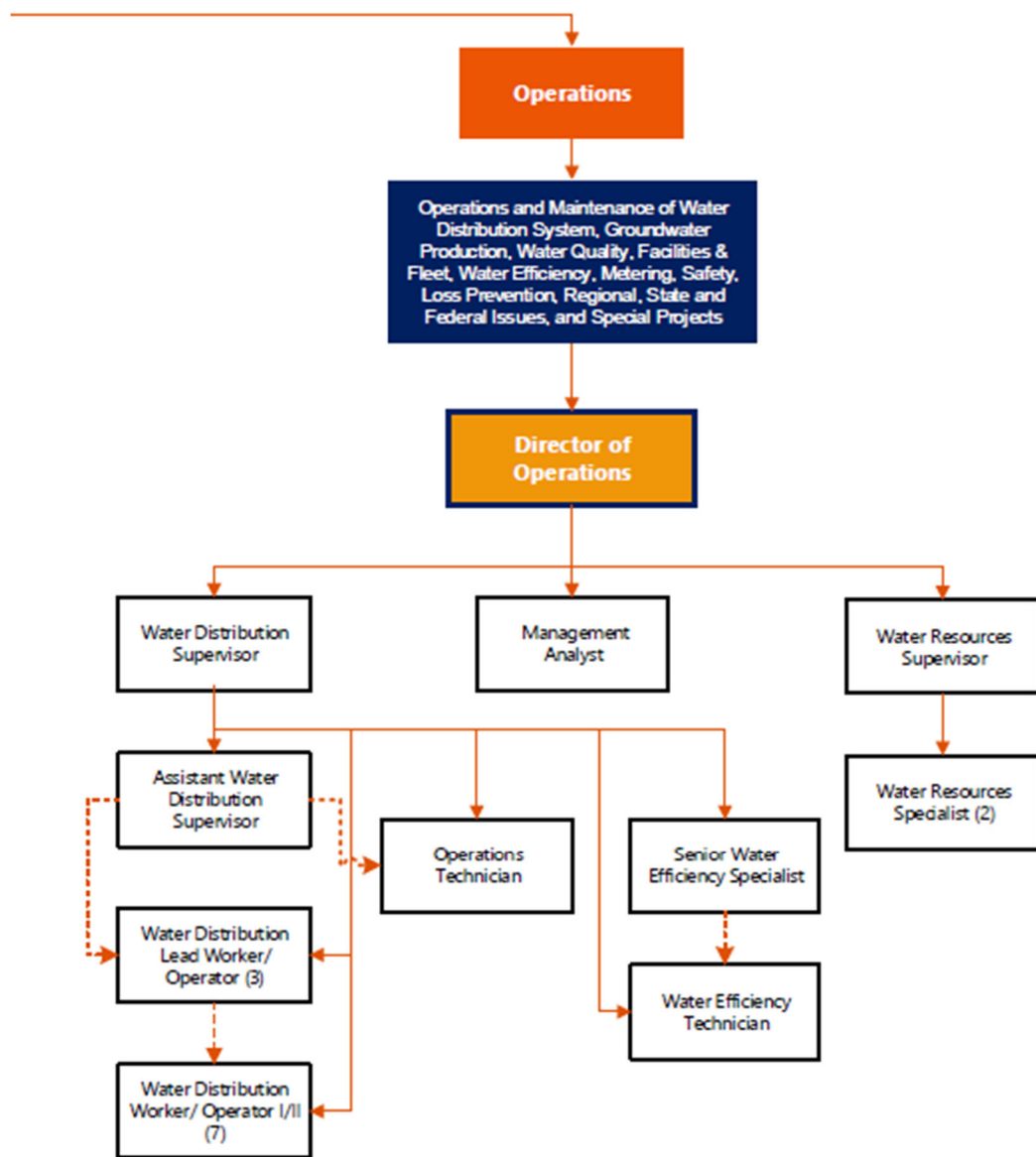


CHWD Staff Completing Testing for Chlorine Residual on a Newly Installed Water Main

Organizational Chart



3



Strategic Planning

Strategic planning involves establishing a vision for the future, setting a mission statement, providing direction, and defining what the organization stands for and what it has pledged to accomplish. Since 2016, CHWD has held a strategic planning workshop for the Board of Directors, management, and members of the community at- large. The purpose of the workshop is to review the District’s mission statement and values, and to formulate the District’s three-year goals and one-year organizational objectives which emphasize CHWD’s commitment to efficiency, water supply, capital improvement and organizational wide support. The Strategic Plan forms the basis for the District’s priority-based budgeting efforts.



KEY ISSUES FOR 2023	
<ul style="list-style-type: none"> • Complete the Corporation Yard Pre-architectural Study • Implement District Meter-Testing Program • Establish a regional water meter program or participate in selected agency partnerships • Pursue Easement Acquisitions as identified by the District-wide • Easement Needs Assessment/Study • Continue non-invasive condition assessments on selected District transmission mains • Pursue acquisition of 1-2 potential sites for wells/water storage and Project 2030 material 	<ul style="list-style-type: none"> • Implement study for information technology (IT) federated services and single sign on • Implement new solution for Automated Clearing House (ACH) vendor payments; Continue to enhance employee recruitment and retention initiatives by providing additional resources (education/ training). • Continue analyses of regional water agency activity and impacts on CHWD. Customer education on Policy, Operations, and Interagency Issues.

Our Mission

It is the mission of the Citrus Heights Water District to furnish a dependable supply of safe, quality water delivered to its customers in an efficient, responsive, and affordable manner.

OUR VISION

The Citrus Heights Water District will continue to evolve as a dynamic provider of municipal water service to assure that our customers receive the best value without giving it a second thought.

OUR VALUES



Strategic Plan Goals and Objectives

During the Strategic Planning session, CHWD's leadership puts together a set of goals representing the priorities that will drive the District's activities. Goals are for three years, but are reviewed each year to determine whether they are still relevant for the coming budget year. Under each goal, individual objectives are identified to address the issues that pertain to that goal.

Some key differences between the current year (2022) and the coming budget year (2023) include:

- **Project 2030:** 2022 Objectives included the implementation of the outreach and engagement plan for the preferred alternative identified in the Project 2030 Water Main Replacement Study. Objectives for 2023 include pursuing acquisition of 1-2 potential sites for material storage and staging.
- **Water Supply:** In 2022, the objectives were focused on evaluating the potential for Aquifer Storage and Recovery technology as part of the District's water supply portfolio, completing acquisition of sites for the next two District groundwater wells, and participating in SJWD's Hinkle Reservoir cover project. For 2023, objectives focus on completing construction for Well Site #7, and possible acquisition of 1-2 additional properties for future well sites and water storage.
- **Water Efficiency:** In addition to working towards improving attendance at customer education events, the Water Efficiency objectives for 2022 focused on increasing participation in the District's Pressure Reduction Valve Rebate and Smart Controller program and developing a community garden page for the CHWD website. For 2023 the continued focus will be on attendance objectives and developing content for WaterSmart classes.
- **Infrastructure and Facilities:** The focus for 2022 included the implementation of a District meter testing program, which will continue in 2023, and the completion of the District-Wide Easement Project. For 2023, the focus will be on completing the Corporation Yard Pre-Architectural Study and developing design alternatives.
- **Organizational Effectiveness:** For 2022, objectives included increasing employee efficiency and improving our communication with customers, as well as reviewing and creating District policies for Information Technology, and updating Operations policies. For 2023, objectives focus on implementing an automated solution for vendor payments, improving IT security at the District, and increasing customer engagement and participation in online account tools.

The following are the goals and objectives identified for 2023:

Strategic Plan Goal:	Manage And Diversify A Dependable Water Supply and Empower Customers to Use Water in an Efficient Manner
#	OBJECTIVES
1	Participate in the Hinkle Reservoir Cover Replacement Project.
2	Complete construction for Well Site 7, which will include Aquifer Storage and Recovery (ASR) technology.
3	Pursue acquisition of 1-2 potential sites for wells/water storage.
4	Develop and promote Water Smart classes to increase CHWD customer attendance by 10%.

Strategic Plan Goal:	Manage The Improvement Of And Reinvestment In District Infrastructure And Facilities
#	OBJECTIVES
1	Implement a District meter testing program.
2	Establish a regional water meter program or participate in selected agency partnerships.
3	Complete the Corporation Yard Pre-Architectural Study and develop design alternatives for consideration.
4	Pursue Easement Acquisitions as identified by the District-Wide Easement Needs Assessment/ Study.
5	Continue non-invasive condition assessments on selected District transmission mains.
6	Pursue Acquisition of 1-2 potential sites for Project 2030 material storage and staging.

Strategic Plan Goal:	Promote Organizational Effectiveness To Enhance Customer Service
#	OBJECTIVES
1	Implement study for information technology (IT) federated services and single sign on.
2	Increase number of emails on email listserv by 5%.
3	Continue to enhance employee recruitment and retention initiatives by providing additional resources (e.g., an advanced training and education program).
4	Continue analyses of regional water agency activity and impacts on CHWD.

Strategic Plan Goal:	Engage Customers and Communicate the District’s Value-Added Services/Benefits and Key Factors Affecting its Operations
#	OBJECTIVES
1	Increase customer contact through traditional and digital media and in-person opportunities and evaluate effectiveness.
2	Continue outreach and engagement on Project 2030 by publishing at least two relevant communications materials every month.
3	Educate customers through traditional and digital media and in-person opportunities on State and regional policies, operations, capital, and finances that impact CHWD’s operations and water supply.

Economic Condition, Outlook and Major Initiatives



Water Quality Testing In Progress

CHWD is primarily a residential community, with some commercial centers within its boundaries. The District's service area is largely built out; therefore, the District does not anticipate a significant growth in revenue based solely upon new development. The District is forecasting a slow but steady revenue increase based on 1.0% growth per year from the

demand in small infill of housing or commercial development within District boundaries, which is tempered by a minimal change, if not decrease in demand.

CHWD operates as an enterprise fund, meaning the costs of providing water service and protecting groundwater resources are funded by rates and fees charged to District customers. Since the District receives no revenue from taxes, operating revenues consist primarily of water sales and bimonthly service charges. Although water use increased in 2020 as a result of customers staying at home during the COVID-19 Pandemic shutdowns, overall, District customers have decreased their water use significantly since 2013 in response to state-wide drought mandates. This created a gap between the amount of water customers were projected to use, and the amount they actually used, and contributed to the need for a new rate study and financial model rebuild completed in the past year.

CHWD and its wholesale water supplier, SJWD, continue to encounter changes in operations due to new regulations; moreover, SJWD staff reports that the capital needs for that district are severely underfunded. The impact of current and future regulations, and the resulting cost impact on water supply operations, are an ongoing challenge for the District.

For an average CHWD customer who has a 1-inch meter and uses 20 units of water in a two-month billing period, the average bill would increase from \$125.63 in 2022 to \$133.79 under the proposed rates for 2023, a 6.5% increase. The average CHWD water bill would remain 6.4% below the Sacramento regional average.

The District continues to repair and replace aging infrastructure throughout its system. During 2022, the District completed 410 water service replacements, 20 water valve replacements, and 13 fire hydrant replacements. The District also completed water main installation and replacement projects, including the Antelope-Rusch Park Water Main, Pratt Avenue Water Transmission Main, Carriage Drive Water Main, Mesa Verde High School Water Main, and 6700 Madison Avenue at Dewey Drive Water Main Projects. Two additional water main projects commenced the design phase, including the Patton

Ave and Reno Lane Water Main Projects. Capital projects scheduled for 2023 total \$8.23 million.

Long-Term Financial Planning

CHWD utilizes a number of planning strategies when considering long-term financial forecasts.

- **Project 2030 Water Main Replacement Plan** - This plan was identified during the strategic planning process as a key strategy for engaging customers in long-range water main replacement planning efforts. The purpose of this plan is to inform customers about our challenges, and the current actions being undertaken to ensure water supply reliability, and prepare for the replacement of aging infrastructure.
- **Capital Improvement Plan** - The Strategic Plan lays the groundwork for the Capital Improvement Plan, which includes project schedules and projected costs for production and water supply facilities identified in the 1999 Facilities Master Plan. The Capital Improvement Plan is a 30-year forecast.
- **10-Year Finance Plan** - The Plan includes short and long-range projections of the District’s revenues, operating and maintenance expenses, capital expenditures, and reserves over the next 10 years. The Plan is updated as changes in customer water use impact long-range financial projections and capital improvement and water supply plans evolve, and continues to support the development of current future annual CHWD budgets. Additional information about the financial model is located in the “Financial Model” section of the budget.
- **Annual Budget** - A key component of financial planning is the District’s budget, which is prepared, reviewed and adopted annually. Every summer, District staff from each department prepare a draft budget which is presented to the Board of Directors for approval prior to the beginning of the next fiscal year. The annual budget includes forecasts for revenues, operating expenditures, capital expenditures, and reserves transfers, and is formulated using a priority-based budgeting approach, and as an outgrowth of CHWD’s strategic planning process.



Budget Overview

	2022 Adopted Budget	2023 Proposed Budget	Increase / (Decrease)
<i>Operations & Maintenance</i>	4,538,973	4,673,466	134,493
<i>Purchased Water</i>	3,135,754	3,200,000	64,246
<i>Salary & Benefits</i>	5,971,747	6,345,892	374,145
<i>Contribution to Reserves</i>	1,374,099	1,774,099	400,000
<i>Capital Improvement Program</i>	8,690,939	8,225,699	(465,240)
	23,711,512	24,219,156	507,644

Table 1

The comparison in *Table 1* reflects the proposed change in spending for the District’s base budget for 2023. Operations and maintenance expenses are expected to increase due to an increase in the amount needed for contracted service with the Project 2030 study being finalized.

Purchased water costs are expected to increase by 2%, as both fixed and variable costs from SJWD increased slightly.

Salary and benefits are projected to increase due to increases in employer costs, such as pension increases due to a reduction in the CalPERS discount rate, and other increases to the cost of benefits, such as an 8.6% increase for employee health insurance.

Budgeted contributions to reserves are for transfers to the Water Main Replacement Reserve in preparation for the implementation of the Project 2030 Water Main Replacement Plan, which will substantially increase the amount of annual infrastructure replacement completed by the District.

Financial Highlights

❖ Operating Budget:

- A 2023 Operating Budget of \$15.99 million, representing an overall increase of about \$972,884 from the 2022 adopted budget.
 - Implement Strategic Planning items and Special Projects identified by the Board as priorities for 2023.
 - Addition of two new Full Time Equivalent Employees: a Senior Accountant position and a Senior/Associate Civil Engineer position.
 - Transfer of \$400,000 to reserves, including \$200,000 to the water supply reserve and \$200,000 to the water meter replacement reserve.

❖ Capital Improvement Budget:

- Total 2023 Capital Improvement Budget is \$8.23 million, of which \$4.3 is projected to be spent in 2023.
 - The budget includes approximately \$3.2 million for the design and construction of the District's seventh groundwater well.
 - The District has been awarded \$1.6 million in State and Federal funds towards the construction of Well #7. In addition, the District has applied for a combined \$3 million (Congressionally directed funding and United States Bureau of Reclamation grant funding) for Well #8. There are very few opportunities for non-ratepayer funding, and the District continues to look for outside funding opportunities whenever possible.
 - Often Capital Improvement Projects are spread over multiple years.

❖ Total Budget: \$24.2 million



CHWD Staff Performing Work for Skycrest School Water Main Project

**CITRUS
HEIGHTS
WATER
DISTRICT**



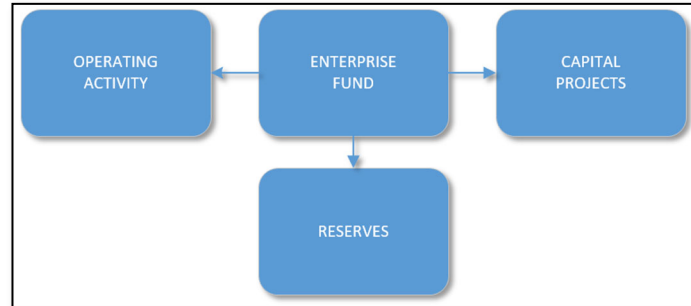
Financial Policies & Goals



Accounting and Budget Structure

Fund Structure

CHWD operates as an enterprise fund with a fiscal year that begins January 1 and ends on December 31. The District operates with one major fund on the accrual basis of accounting. Generally accepted accounting principles (GAAP) require local governments to use a proprietary-type fund, such as an enterprise fund, to account for business-type activities similar to those found in the private sector. An enterprise fund is one in which the expenditures are supported by fees collected primarily through charging users in exchange for services. CHWD operations are supported almost entirely by fees collected from customers in exchange for providing water service, including providing customer service, continuously working to maintain and repair the District’s infrastructure, and providing a dependable supply of clean, safe water.



CHWD Fund Structure

CHWD’s management is responsible for the establishment and maintenance of the internal control structure that ensures the assets of the District are protected from loss, theft, or misuse. The internal control structure ensures that adequate accounting data is compiled to allow for the preparation of financial statements in conformity with Generally Accepted Accounting Principles (GAAP). CHWD’s internal control structure is designed to provide reasonable assurance that these objectives are met. The concept of reasonable assurance recognizes that the cost of a control should not exceed the benefits likely to be derived, and the valuation of costs and benefits requires estimates and judgments by management.

CHWD’s Board annually adopts a budget prior to the new fiscal year. The budget authorizes and provides the basis for reporting and control of financial operations, accountability for CHWD’s enterprise operations, and capital projects. The budget is presented on the accrual basis of accounting, and is consistent with the presentation of CHWD’s Annual Comprehensive Financial Report. As part of the budget process the financial model is updated annually to analyze revenue and expenses along with capital improvements; more information regarding the District’s financial model is provided in the “Financial Model” section. The District defines a balanced budget as one where current revenues are equal to or greater than current expenditures. The District also allows a balanced budget to use reserves to augment current revenues.

CHWD’s Board annually adopts a budget prior to the new fiscal year. The budget authorizes and provides the basis for reporting and control of financial operations, accountability for CHWD’s enterprise operations, and capital projects. The budget is presented on the accrual basis of accounting, and is consistent with the presentation of CHWD’s Annual Comprehensive Financial Report. As part of the budget process the financial model is updated annually to analyze revenue and expenses along with capital improvements; more information regarding the District’s financial model is provided in the “Financial Model” section. The District defines a balanced budget as one where current revenues are equal to or greater than current expenditures. The District also allows a balanced budget to use reserves to augment current revenues.

Financial Model

The Government Finance Officers Association of the United States and Canada (GFOA) recommends that government agencies complete a forecast of revenues and expenditures that extends several years into the future. The GFOA considers this to be a best practice of the budget preparation process.

In 2013, the District partnered with NBS Government Finance Group to develop a 10-year financial model. This model was first used to develop the 2014 Annual Budget. A financial model takes into account past revenues and expenditures, revenues and expenditures projected for the current and future years, economic and demographic trends, as well as expected cash flows, and produces an estimate on the financial position of the District based on these variables.

The financial model can be used to determine the appropriate service rates needed to achieve a desired financial result. This type of budgeting, commonly referred to as priority-based budgeting, is used to clearly define goals, set priorities, and deliver the best possible value to ratepayers.

In 2019, the District updated its financial model with Raftelis Financial Consultants (Raftelis). This model was further refined since 2019 with IB Consulting. As years pass, it is a best practice to update the assumptions and factors in a financial model, as assumptions used in prior models may no longer apply. In addition to updating assumptions, CHWD desired to reevaluate its rate structure and ensure a rate allocation ratio of 65% fixed to 35% variable income. The final goal of the model update was to evaluate the current rate schedule and ascertain whether a recalibration of the rates was necessary.

As a result, the District determined that the fixed portion of the rate needed a recalibration in order to ensure that costs allocated to meters of different sizes accurately reflected the demand and usage each meter size placed on the District's water system.

The rebuild of the financial model was presented to the Board of Directors at the August 2019 Board Meeting, which included a rate calibration component.

Five Year Forecast

Table 2 illustrates the District's five-year forecast of revenues and expenditures for 2022 through 2026. The forecast includes assumptions of 4% growth in rate revenue, increased operating costs based on the Consumer Price Index (CPI) 10-Year Average for San Francisco, and increased construction costs based on the Engineering News Record Construction Cost Index (ENR CCI) 5-Year average for San Francisco.

Primary goals for this forecast include building the Water Main Replacement Reserve in order to soften the financial impact of commencing the main replacement plan charted

by the Project 2030 Study, maintaining designated reserves at healthy levels, and construction of the District’s seventh groundwater well.

A significant conclusion to draw from the forecast is that operational costs are projected to keep rising due to inflation, while construction costs are projected to continue rising due to increased materials costs. In order to maintain policy-defined reserve targets, these growing costs will need to be addressed by the District.

Budget Process

	2021 Actual	2022 Projected	2023 Proposed	2024 Projected	2025 Projected	2026 Projected
Revenues						
Water Sales	16,646,215	17,068,793	16,874,307	18,234,305	18,955,305	19,705,305
Connection and Other Fees	858,807	539,704	700,000	700,000	700,000	700,000
Project 2030 Designated Charge	-	1,374,099	1,374,099	1,374,099	1,374,099	1,374,099
Grant Revenue	-	-	1,607,000	-	-	-
Investment and Other Income	51,586	170,000	400,000	400,000	400,000	400,000
Total Revenues	17,556,609	19,152,596	20,955,406	20,708,404	21,429,404	22,179,404
Expenses						
Salaries and Benefits	5,059,291	5,427,557	6,345,892	6,481,599	6,691,047	6,906,778
Water Purchases	3,846,188	3,708,902	3,200,000	3,675,000	3,675,000	3,675,000
Contracted Services	1,625,125	1,877,257	1,934,596	354,475	365,178	376,205
Other Operating Costs	1,694,159	1,896,021	2,633,870	4,178,103	4,237,422	4,297,268
Debt Service	95,000	100,000	105,000	244,431	249,431	254,431
Transfers to Reserves	-	1,374,099	1,774,099	1,374,099	1,374,099	1,374,099
Total Expenses	12,319,763	14,383,836	15,993,457	16,307,707	16,592,177	16,883,781
Operating Income before Capital Outlay	5,236,845	4,768,760	4,961,949	4,400,697	4,837,227	5,295,623
Capital Outlay	3,242,910	2,536,268	8,225,699	6,554,240	7,047,664	6,635,008
Beginning Net Position	16,013,614	15,094,441	18,701,032	17,211,381	16,431,938	15,595,599
Operating Revenues	17,556,609	19,152,596	20,955,406	20,708,404	21,429,404	22,179,404
Operating Expenses	(12,319,763)	(13,009,737)	(14,219,358)	(14,933,608)	(15,218,078)	(15,509,682)
Capital Outlay	(3,242,910)	(2,536,268)	(8,225,699)	(6,554,240)	(7,047,664)	(6,635,008)
Ending Net Position	18,007,549	18,701,032	17,211,381	16,431,938	15,595,599	15,630,313

Table 2

The District’s budget process begins with its Strategic Planning meeting, typically held in June of the preceding year. The Board adopted the current Strategic Plan in August 2022. Using the 10-year financial model, the Administrative Services department

prepares the District’s revenue budget, with the input of department managers and supervisors throughout CHWD. The Engineering and Operations departments review the 30-year capital improvement plan, and short-term needs to produce the annual capital budget.

Using the goals and objectives identified by members of the Board of Directors, CHWD leadership, and vested members of the community, each department prepares a draft operating budget, which is then reviewed by the General Manager. Once draft budgets are completed, they are presented to the Board in August or September in a study session, along with any recommended rate adjustments.

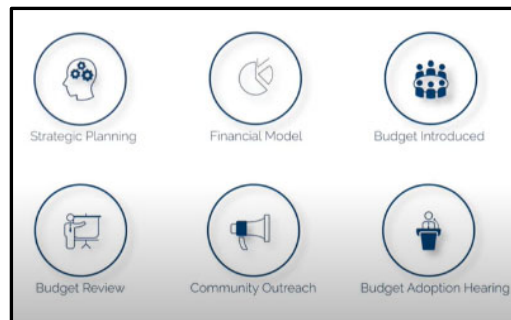
The Board then provides direction to District staff. This can either be a request for revision, or authorization to proceed with the budget process. Once the Board gives the authorization to proceed, staff will finalize the budget and, if necessary, issue a notice to its customers, pursuant to California Proposition 218 (Prop 218) including the maximum rate adjustment that the Board will consider at a scheduled public hearing. The Board then approves the budget in a public hearing held in November or December.

Budget Amendments

During the course of a year, it may be necessary to amend line items in the operating or capital budgets, or to transfer budgeted dollars between operating budget accounts, between capital projects, or between capital and operating budgets. Budgetary control rests with the General Manager up to the limits prescribed in CHWD’s Purchasing Policy. When the amount exceeds the General Manager’s authority, budgetary control rests with the Board of Directors, and Board approval is required for any budget transfers.

Budget Controls

The budget is monitored regularly by the Administrative Services department using budget-to-actual reports for both operating and capital budgets, as well as through the use of purchase orders for large purchases. Budget reports are also reviewed by the General Manager and executive team. These reports are submitted monthly to the Board of Directors.



CHWD’s Budget Process

Budget Calendar

Item	Start	Due Date
Strategic Planning	5/25/22	5/25/22
Regional Rate Survey	6/21/22	8/01/22
Create CIP List of Projects for 2023 and Financial Plan Term	7/05/22	7/18/22
GM to Review O&M Budget	8/8/22	8/15/22
Create detail CIP sheets for 2023	9/19/22	9/29/22
BOD Budget and Rate Meeting	9/14/22	9/14/22
Final adjustments to budgets & Rate Model	9/26/22	9/30/22
Public Outreach	Late Sept to Late Oct	Oct to Early Nov
Present Misc. Charges and Fees to BOD	10/19/22	10/19/22
Revisions to detail budgets and rates per BOD direction	10/20/22	10/27/22
Present final budgets and rates to BOD @ Public Hearing	12/12/22	12/12/22
Preparation / distribution of final budget document / 2023 rate schedule	12/19/22	12/19/22

Table 3

Financial Policies

The CHWD financial policies include many of the District's financial management practices that are used for operational and strategic decision making. These policies also allow the Board of Directors and community stakeholders to monitor how effectively the District is managing its financial responsibilities, as well as providing a means for holding the District fiscally accountable. These policies are reviewed annually to incorporate minor changes to existing policy, or major shifts in financial priorities at the discretion of the Board of Directors. The financial policies underwent a comprehensive review and update during 2020, which was approved at the May 8, 2020 Board of Directors meeting.

Basis of Presentation - Fund Accounting: The District's basic financial statements are prepared in conformity with generally accepted accounting principles as applied to government units. The Governmental Accounting Standards Board (GASB) is the accepted standard setting body for establishing governmental accounting and financial reporting principles. The District is accounted for as an enterprise fund and applies all applicable GASB pronouncements in its accounting and reporting. The more significant District accounting policies are described below.

Investment Policy: The Board has adopted an investment policy that conforms to state law, CHWD's ordinances and resolutions, prudent money management, and the "prudent person" standards. The objectives of the Investment Policy are safety, liquidity, and then yield. Currently, funds are invested in various securities as authorized by CHWD's Investment Policy, with most of the District's funds invested in California's Local Agency Investment Fund (LAIF). The District will continue to look at ways to maximize return and account for changing markets within the limitations of local government investment rules.

Reserves Policies: The District has 11 Reserve accounts with supported policies to balance ongoing operations to capital improvement programs. These funds are allocated to the maintenance, repair, replacement, or improvement of water system infrastructure. Adequate reserves, along with sound financial policies, provide financial flexibility to counter unanticipated expenditures or revenue fluctuations.

Basis of Accounting: The accounting and financial reporting treatment applied to a fund is determined by its measurement focus. The enterprise fund type is accounted for on a flow of economic resources measurement focus. With this measurement focus, all assets, deferred outflows, liabilities, and deferred inflows associated with the operation of this fund are included on the balance sheet. Net position is segregated into amounts invested in capital assets, net of related debt, amounts restricted and amounts unrestricted. Enterprise fund type operating statements present increases (i.e., revenues) and decreases (i.e., expenses) in net total position. The District uses the accrual basis of accounting. Under this method, revenues are recorded when earned and expenses are recorded at the time liabilities are incurred.

When such funds are received, they are recorded as unearned revenue until earned. Earned but unbilled water services are accrued as revenue. Water lines are constructed by private developers and then dedicated to the District, which is then responsible for their future maintenance. These lines are recorded as capital contributions when they pass inspection by the District, and are capitalized as donated pipelines at acquisition cost. Operating revenues and expenses consist of those revenues and expenses that result from the ongoing principal operations of the District. Operating revenues consist primarily of charges for services. Non-operating revenues and expenses consist of those revenues and expenses that are related to financing and investing types of activities and result from non-exchange transactions or ancillary activities. When both restricted and unrestricted resources are available for use, it is the District's policy to use restricted resources first, then unrestricted resources as they are needed.

Use of Estimates: The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

Fair Value Measurements: Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The District categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The fair value hierarchy categorizes the inputs to valuation techniques used to measure fair value into three levels based on the extent to which inputs used in measuring fair value are observable in the market.

- Level 1 inputs are quoted prices (unadjusted) in active markets for identical assets or liabilities.
- Level 2 inputs are inputs - other than quoted prices included within level 1 - that are observable for an asset or liability, either directly or indirectly.
- Level 3 inputs are unobservable inputs for an asset or liability.

If the fair value of an asset or liability is measured using inputs from more than one level of the fair value hierarchy, the measurement is considered to be based on the lowest priority level input that is significant to the entire measurement.

Cash and Cash Equivalents: For purposes of the statement of cash flows, the District considers all highly liquid debt instruments purchased with a maturity of three months or less to be cash equivalents. Cash and cash equivalents held include bank deposits and restricted and unrestricted investments in money market mutual funds and LAIF.

Restricted Assets: Certain proceeds of the District’s long-term debt are classified as restricted investments on the balance sheet because their use is limited by applicable debt covenants.

Investments: Investments are stated at their fair value, which represents the quoted or stated market value. Investments that are not traded on a market, such as investments in external pools, are valued based on the stated fair value as represented by the external pool.

Inventory: Inventory consists primarily of materials used in the construction and maintenance of the water distribution facilities and is valued on a first-in, first-out basis.

Prepaid Assets: Prepaid assets consist primarily of insurance, maintenance agreements and other prepaid assets.

Capital Assets: Capital assets are tangible, personal property with a value of at least \$5,000 and a useful life of more than two years; any addition to the District’s infrastructure for conveyance, treatment, pumping, or production of water with a value greater than \$15,000 and a useful life of more than two years; or any construction project, building, land, or improvement upon land with a value greater than \$15,000 and a useful life greater than two years. Capital assets are recorded at historical cost. Donated capital assets, works for art and similar items, and capital assets received in a service concession arrangement are reported at acquisition value rather than fair value. Self-constructed assets are recorded based on the amount of direct labor, material, and certain overhead charged to the asset construction calculated using the straight-line method, using the estimated useful lives in *Table 3*.

Description	Useful Life
Pipeline and Infrastructure	20 - 40 years
Equipment and Machinery	5 - 10 years
Buildings	15 - 40 years
Well Improvements	40 years
Donated Pipelines	40 years
Improvements	40 years

Table 4

Bond Premiums and Bond Issuance Costs: Bond premiums are deferred and amortized over the lives of the bonds. Long-term liabilities are reported net of the applicable bond premiums. Bond issuance costs are recognized as an expense in the period incurred.

Debt Management

CHWD funds capital improvement requirements primarily on a pay-as-you-go basis. However, there have been instances when the District has issued debt to fund significant capital projects. The District’s debt instruments are secured by net revenues derived from the operation of the water system. The District may not issue or incur any new debt obligations that are superior to the installment or parity obligations under existing debt covenants. The District has no legal debt limit, and no immediate plans to issue debt for 2023.



Gold Rush Era people in front of hand dug ditches which moved water some 30 miles

2012 Revenue Refunding Bonds: In April 2012, the District issued \$2,275,000 of Revenue Refunding Bonds with interest rates ranging from 3.00% to 5.25%. These 2012 Revenue Refunding Bonds were issued to retire the 2003 Certificates of Participation, which were issued to finance the cost of certain capital improvements to the District’s water system. The District is required to collect rates and charges from its water system that will be sufficient to yield net revenues equal to 110% of debt service payments on any future debt issued, and to deposit the net revenues in a revenue fund pledged for such future debt service payments. Annual principal payments, ranging from \$70,000 to \$160,000 are due on February 1 through February 1, 2033, and semi-annual interest payments, ranging from \$4,200 to \$48,600 are due on February 1 and August 1, through February 1, 2033.

Debt Service Schedule

Year	Series 2010		Series 2012B		Total Payment
	Principal	Interest	Principal	Interest	
2022			100,000	74,338	174,338
2023			105,000	69,338	174,338
2024			110,000	64,088	\$ 174,088
2025			110,000	60,788	\$ 170,788
2026			115,000	57,488	\$ 172,488
2027-2031			665,000	190,575	\$ 855,575
2032-2033	FINAL YEAR		315,000	24,935	\$ 339,935
Total			\$ 1,520,000	\$ 541,548	2,061,548

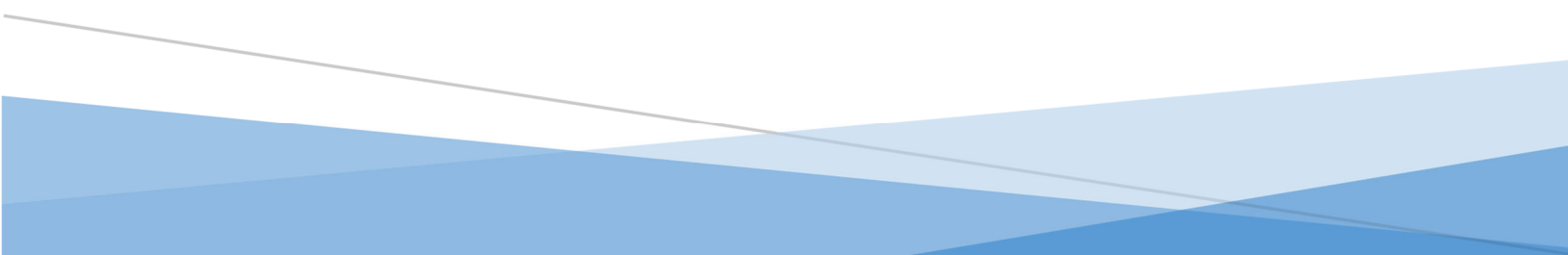
Table 5

C I T R U S
H E I G H T S

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D I S T R I C T



Operating Budget



Operating Revenue, Expenses, and Net Position

	2021 Actual	2022 Adopted	2022 Projected	2023 Proposed
<u>Revenues</u>				
Water Sales	16,646,215	16,874,305	17,068,793	16,874,307
Connection and Other Fees	858,807	982,901	539,704	700,000
Project 2030 Designated Charge	-	1,374,099	1,374,099	1,374,099
Grant Revenue	-	-	-	1,607,000
Investment and Other Income	51,586	193,000	170,000	400,000
Total Revenues	17,556,609	19,424,305	19,152,596	20,955,406
<u>Expenses</u>				
Salaries and Benefits	5,059,291	5,971,747	5,427,557	6,345,892
Water Purchases	3,846,188	3,135,754	3,708,902	3,200,000
Contracted Services	1,625,125	1,982,770	1,877,257	1,934,596
Other Operating Costs	1,694,159	2,456,203	1,896,021	2,633,870
Debt Service	95,000	100,000	100,000	105,000
Transfers to Reserves	-	1,374,099	1,374,099	1,774,099
Total Expenses	12,319,763	15,020,573	14,383,836	15,993,457
Operating Income before Capital Outlay	5,236,845	4,403,732	4,768,760	4,961,949
Capital Outlay	3,242,910	8,690,939	2,536,268	8,225,699
Beginning Net Position	16,013,614	18,007,549	15,094,441	18,701,032
Operating Revenues	17,556,609	19,424,305	19,152,596	20,955,406
Operating Expenses	(12,319,763)	(13,646,474)	(13,009,737)	(14,219,358)
Capital Outlay	(3,242,910)	(8,690,939)	(2,536,268)	(8,225,699)
Ending Net Position	18,007,549	15,094,441	18,701,032	17,211,381

Table 6

As a special district, formed under the California Irrigation Code, that does not collect property or sales tax, CHWD relies on revenues charged in exchange for providing water service. This revenue source comprises greater than 95 percent of total revenues.

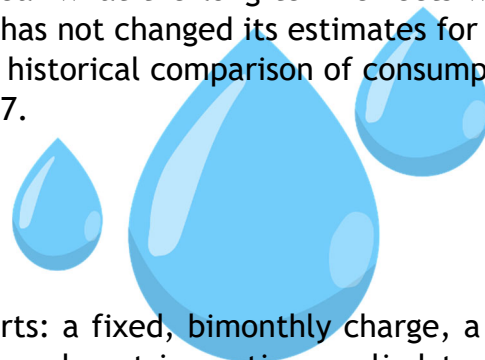
In 2015, the State of California instituted mandatory conservation requirements in response to a historic drought. This resulted in the reduction of water usage by the District's customers of 16.5% from 2014, and 33.0% from 2013. The District's customers

have continued to conserve water as a lifestyle change. Although usage has increased since 2015, it has not rebounded to the pre-drought level of consumption.

YEAR	Surface Water Use acre Ft	Ground Water Use acre/ft	Total Water acre/ft	Increase
2021	7,749	4,334	12,084	-3%
2020	11,012	1,473	12,484	8%
2019	11,068	359	11,427	-3%
2018	9,941	1,842	11,783	1%
2017	10,910	713	11,623	7%
2016	9,597	1,173	10,769	7%
2015	9,133	841	9,973	-18%
2014	9,863	1,930	11,793	21%

Table 7

Consumption is monitored on a monthly basis and compared to prior years to identify a trend. Future consumption is estimated using a trend analysis, along with estimates from consulting firm Harris & Associates, who completed these estimates in conjunction with their work on the Project 2030 Main Replacement Study. Although the COVID-19 pandemic caused an increase in consumption in 2020, it is unclear what the long-term effects will be. Therefore, CHWD has not changed its estimates for future water demand. A historical comparison of consumption is provided in Table 7.



Water Rates

The District’s rates are composed of three parts: a fixed, bimonthly charge, a fixed, bimonthly designated charge, and a variable, volumetric portion applied to actual consumption in Table 8.

Type	2020	2021	2022	2023
Consumption (per unit ccf)				
Per Unit CCF (No tiers)	\$ 1.1800	\$ 1.1800	\$ 1.1900	\$ 1.4300
Service Charge (bimonthly)				
Commercial/Domestic/Irrigation 3/4"	\$ 57.54	\$ 57.54	\$ 56.08	\$ 60.35
Commercial/Domestic/Irrigation 1"	87.29	87.29	91.33	94.69
Commercial/Domestic/Irrigation 1-1/2"	136.86	136.86	150.08	151.92
Commercial/Domestic/Irrigation 2"	196.35	196.35	220.58	220.60
Commercial/Domestic/Irrigation 3"	384.74	384.74	443.82	438.07
Commercial/Domestic/Irrigation 4"	662.36	662.36	773.14	758.81
Project 2030 Designated Charge (bimonthly)				
Commercial/Domestic/Irrigation 3/4"	\$ -	\$ -	\$ 4.20	\$ 4.20
Commercial/Domestic/Irrigation 1"	-	-	10.50	10.50
Commercial/Domestic/Irrigation 1-1/2"	-	-	21.00	21.00
Commercial/Domestic/Irrigation 2"	-	-	33.59	33.59
Commercial/Domestic/Irrigation 3"	-	-	73.48	73.48
Commercial/Domestic/Irrigation 4"	-	-	132.30	132.30

Table 8

Employees by Department

Department	Position	FY21	FY22	FY23
Administrative Services				
	General Manager	1.00	1.00	1.00
	Director of Finance & Admin. Services	1.00	1.00	1.00
	Principal IT Analyst	1.00	1.00	1.00
	Accounting Manager	1.00	1.00	1.00
	Administrative Services Manager	-	-	1.00
	Communications & Public Engagement Manager	1.00	1.00	1.00
	Senior Management Analyst	-	1.00	-
	Senior Accountant	-	-	1.00
	Management Analyst	3.00	3.00	3.00
	Customer Service Specialist	1.00	1.00	1.00
	Customer Service Technician	1.00	1.00	1.00
	<i>Total Administrative Services</i>	<u>10.00</u>	<u>11.00</u>	<u>12.00</u>
Engineering				
	Director of Engineering	1.00	1.00	1.00
	Project Manager	1.00	1.00	1.00
	Assistant Engineer	1.00	1.00	1.00
	Engineering/GIS Specialist	1.00	1.00	1.00
	Senior Construction Inspector	1.00	1.00	1.00
	Senior/Associate Civil Engineer	-	-	1.00
	<i>Total Engineering</i>	<u>5.00</u>	<u>5.00</u>	<u>6.00</u>
Operations				
	Director of Operations	1.00	1.00	1.00
	Principal Management Analyst	-	1.00	1.00
	Senior Management Analyst	1.00	-	-
	Water Distribution Supervisor	1.00	1.00	1.00
	Water Efficiency Supervisor	1.00	-	-
	Water Resources Supervisor	1.00	1.00	1.00
	Assistant Water Distribution Supervisor	1.00	1.00	1.00
	Senior Water Efficiency Specialist	1.00	1.00	1.00
	Water Resources Specialist	2.00	2.00	2.00
	Water Distribution Lead Worker/Operator	3.00	3.00	3.00
	Water Distribution Worker/Operator I & II	7.00	7.00	7.00
	Operations Specialist	1.00	1.00	1.00
	Water Efficiency Technician	1.00	1.00	1.00
	<i>Total Operations</i>	<u>21.00</u>	<u>20.00</u>	<u>20.00</u>
	Total FTE	<u>36.00</u>	<u>36.00</u>	<u>38.00</u>

Table 9

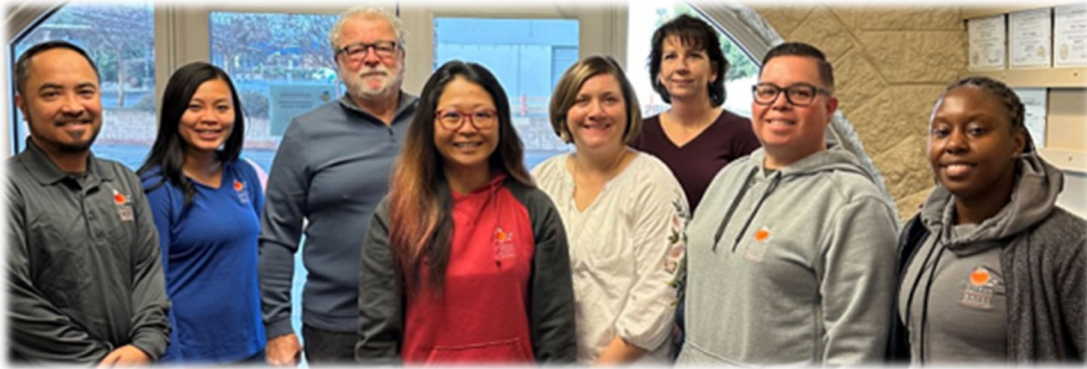
Changes to Authorized Positions

During 2022, the following changes to authorized positions took place: in the Administrative Services Department, the Communications Manager position is now titled Communications and Public Engagement Manager, one Senior Management Analyst position was eliminated, and that employee was promoted internally to Administrative Services Manager. In the Operations Department, the Operations Technician position was converted to an Operations Specialist. As the District looks ahead to 2023, we are requesting that a Senior Accountant position and a Senior /Associate Civil Engineer be added to the roster of employees. We are adding these two positions in preparation for all of the work that is necessary to prepare the District for Project 2030.



Installation of Water Infrastructure

Administrative Services Department



Positions, Administrative Services	FY21	FY22	FY23
	10.00	11.00	12.00

The Administrative Services Department is responsible for the internal operations and support of the organization including but not limited to the General Manager, Finance, Customer Services, Information Technology, Board of Directors Support, Human Resources, Risk Management, Public Relations, and special projects.

The Finance and Customer Service division is responsible for accounting and finance duties, as well as billing and customer service. Finance provides financial and administrative support to all departments, including financial analysis, accounting budgeting, capital improvement program analysis and cost tracking, debt and treasury management, forecasting, rate setting, and purchasing. Accounting responsibilities include accounts payable, payroll processing, grant reporting, cash management, fixed asset management, and income and investment reporting. This department maintains the general ledger and all subsidiary ledgers, and ensures internal controls over all financial functions. They also ensure the District meets all state and federal financial reporting requirements, as well as compliance with General Accepted Accounting Principles (GAAP) and the Government Accounting Standards Board (GASB).

Customer billing is handled by the Customer Service team, who bill all water-related services, receive and process customer payments, notify customers of past-due accounts and follow through on collection activities. They also assist customers with new account activation, final bills, high consumption issues, leaks, and respond to customer account inquiries.

The Information Technology division has primary responsibility for overseeing Network Systems Administration and Information Systems, ensuring security of the District. The responsibilities include managing, implementation and maintenance of the District's

website, voice, data and computer systems, providing technical support to District staff, and planning the future of technological needs for CHWD.

The Management Services division is primarily responsible for maintaining effective and timely communications between the publicly elected three-member Board of Directors and District staff. Responsibilities include prioritizing items that come before the Board for authorization and approval, and assisting staff in the development and conduct of consistent procedures. The division is also responsible for preparing, publishing, and posting all legal notices and coordinating general election procedures and regulatory filings. This division focuses on strategic planning and creating more accountability and transparency of District operations. The Management Services division also oversees customer engagement and outreach efforts District-wide, including print media, website management, and social media.

The division also provides administrative and operational human resources (HR) support to District employees, retirees, directors, and all eligible dependents through HR services, benefits administration, payroll and safety mitigation. Duties include managing the District's workforce and employee development, recruitment, and training. Benefits administration involves coordination and education on District health, dental, vision, and life insurance benefits; short and long term disability programs; employee assistance programs; flexible spending accounts (FSA); and retirement benefits such as deferred compensation and the CalPERS pension program.

Performance Indicators	Strategic Plan Item?	Actual 2021	Actual 2022	Target 2023
Increase engagement on CHWD Facebook page; number of followers	No	1,653	1817	1950
Press releases sent	No	1	3	5
Increase efficiency through regular policy review and update; policy categories updated	Yes	6	6	3
Successful recruitment and onboarding of vacant District positions	No	1	2	3
Obtain Certificate of Achievement for District Annual Comprehensive Financial Report	No	Yes	Will submit after 2022 ACFR is Completed	Yes

2022 Accomplishments

- Implemented dedicated water main replacement charge (included in the preferred funding strategy) recommended by the Customer Advisory Committee as part of the Project 2030 Water Main Replacement Study.
- Implemented outreach and engagement plan on the preferred alternative from the Project 2030 Water Main Replacement Study, and keeping CHWD customers up to date on the status of the Project's next phase of preparatory work.
- Increased online bill pay enrollment by 8.12%. (11,619 customers enrolled as of 2/28/2022; 12,562 customers enrolled as of 8/25/2022)
- With arrival of the new Information Technology staff, re-started the Electronic Data Records Management System (OnBase) project, which is slated to be implemented in 2023.
- Created 10,000 series IT Policies and Procedures.
- Started Testing Phase for applications and technologies that will support SSO (single sign-on) or Federated Services.
- Executed task order for District's Career Mapping Project to provide professional development plans for staff members, by discipline area and organizational development trainings.
- Started a new Constant Contact account to create and manage emails sent to the listserv.
- Upgraded phone system to Voice-over-IP which enables staff, especially customer service, to be reachable via phone regardless of their location.
- CHWD's Fourth Annual Comprehensive Financial Report (ACFR) Award from GFOA
- CHWD's Second Distinguished Budget Award from GFOA.

2023 Key Initiatives

Public Information/Public Engagement

- Implement outreach and engagement plan on the preferred alternative from the Project 2030 Water Main Replacement Study
- Increase number of emails on email listserv by 5%
- Educate customers on policy, operations, and finance issues with SJWD-W
- Increase online bill pay enrollment by 5%

Clerk of the Board

- Brown Act Compliance
- FPPC Compliance/Filings
- Public Meeting Management
- Public Records Act Requests
- Intergovernmental Relations/ Legislative Affairs

Information Technology

- Implementation of Electronic Document Records Management System
- Utility Billing System Upgrades
- Increased Cyber Security Initiatives

Finance

- GFOA award for 2021 ACFR
- Budget award for 2022 Budget
- Implement new options for Automated Clearing House (ACH)



Engineering Department



Engineering Department Staff

Positions, Engineering	FY21	FY22	FY23
	5.00	5.00	6.00

The Engineering Department (Engineering) is responsible for the District’s water main replacement program, which includes project design, construction administration and inspection services; oversight of outside engineering firms/contract administration; and review and inspection of private development projects. Private development includes subdivisions, commercial, single-family dwellings and mixed-use projects. Engineering also manages the District’s Geographic Information System (GIS), easements and annexations; and maintains water facility records and archives. The Division is also heavily involved in the District’s infrastructure analysis and development program.

Performance Indicators	Strategic Plan Item?	Actual 2021	Actual 2022	Target 2023
Perform non-invasive condition assessment on selected District transmission mains.	Yes	N/A	18,150 linear ft.	28,150 linear ft.
Approved private development projects	No	17	17	10
Work orders completed with mapping updates	No	710	900	700

2022 Accomplishments

- Design completed for the following projects:
 - Water Main at Carriage Drive
 - Water Main at Madison Avenue & Dewey Drive

- Construction completed for the following projects:
 - Water Mains on Antelope Road - Rusch Park
 - Water Transmission Main at Mesa Verde High School
 - Water Transmission Main at Pratt Avenue
 - Water Main on Fair Oaks Boulevard
 - Water Main at Carriage Drive
 - Water Main at Madison Avenue & Dewey Drive
- Began Project 2030 Implementation Plan (Public Engagement, Funding Program and Technical Components- completed Phase 1 of Non-invasive Condition Assessment on 18,150 linear feet of Transmission Main)
- Completed Phase 1 through 3 of the District-wide Easement Project
- Began the Corporation Yard Pre-Architectural Study, including the land acquisition of one property adjacent to Corporation Yard
- Began the creation of engineering design standards/procedures for development projects- Update District Policies 8000's & 9000's
- Private Developments:
 - 8 Accepted Projects
 - 9 Approved Projects Currently Under Construction
 - 9 Approved Projects Awaiting Construction
 - 8 Projects Under Plan Review
- Updated Geographic Information System District Facility Map and completed 900 Work Orders with Mapping Updates

2023 Key Initiatives

- Complete \$2 Million +/- of Water Main Replacement and Installation (including fire hydrants and water services), including the design and/or construction for the following projects:
 - Water Main at Patton Avenue
 - Water Main at Reno Lane
 - Water Main at Admiral Avenue and Anchor Circle
- Continue Project 2030 Implementation Plan (Public Engagement, Funding Program and Technical Components- perform Non-invasive Condition Assessment of 28,000 linear feet of Transmission Main)
- Develop the strategy for Phase 4 of the District-wide Easement Project
- Complete Corporation Yard Pre-Architectural Study
- Complete the creation of engineering design standards/procedures for development projects- Update District Policies 8000's & 9000's

Operations Department



Operations Department Staff



Positions, Operations	FY21	FY22	FY23
	21.00	20.00	20.00

The Operations Department’s primary responsibilities are to operate and maintain approximately 250 miles of water distribution pipelines ranging in size from four to 42 inches in diameter and provide Water Efficiency services to the District’s customers. The Department is made up of the following three divisions: Water Distribution, Water Resources and Water Efficiency. The Water Distribution and Water Resources Divisions maintain groundwater facilities; convey water to the District’s customers with appropriate quality, quantity and pressure; and operate/maintain customer water services, backflow prevention devices, line valves, pressure reducing valves and fire hydrants. The Water Efficiency Division is responsible for conservation programs and functions, water meter program management and meeting mandated legislation and regulations for water efficiency, including monthly and annual reporting regarding consumption and water loss. In addition, the Division monitors and responds to leak alerts; performs irrigation audits for customers; administers the District-wide Safety Program; and facilitates community outreach and education programs related to water efficiency.

Performance Indicators	Strategic Plan Item?	Actual 2021	Actual 2022	Target 2023
Complete design for Well #7	Yes	N/A	Completed	N/A
Complete Garden webpage	Yes	N/A	Completed	N/A
Pursue acquisition of 1-2 potential sites for wells/water storage	Yes	N/A	One site identified	Continuing

2022 Accomplishments

- Replaced 452 water service connections
- Replaced 31 water meters
- Replaced 225-meter registers
- 74 meters installed for new developments
- 349 customer service requests completed
- Developed a Community Garden page on CHWD's website for the District's plots at the Sylvan Ranch Community Garden
- Managed the Garden Corps for the District's plots at the Sylvan Ranch Community Garden & on-boarded two new members
- Annual Poster Contest
- 2 Virtual and 3 in-person WaterSmart classes
- Smart Controller Direct Install Program: 72+ installed YTD
- Pressure Reducing Valve Rebate Program: 20 rebates issued YTD
- Group Safety Presentations & Trainings, including Defensive Driving, CPR/First Aid, Forklift Training, & Traffic Flagging

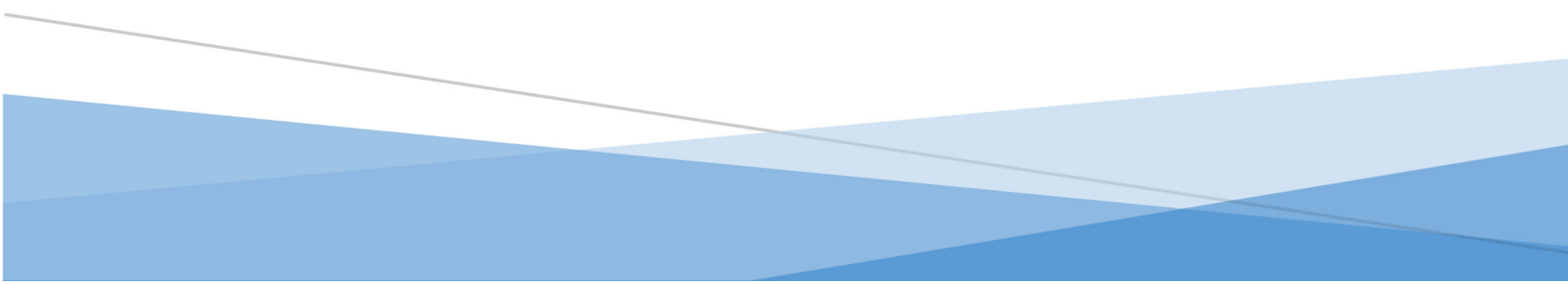
2023 Key Initiatives

- Participate in the Hinkle Reservoir Cover Replacement Project
- Complete Construction of Well Site #7
- Perform Routine Maintenance on 6 Well Sites
- Increase CHWD Customer attendance by 10% at Water Smart Classes
- Implement a District meter testing program
- Establish a regional water meter program or participate in selected agency partnerships

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Capital Budget



Capital Expenditures

Capital Expenditures are funds expended for Capital Improvement Projects (CIP). These projects include the purchase, construction, addition, or replacement of District facilities, infrastructure, and equipment. They are capitalized upon completion and depreciated based on the type of asset and its useful life. Capital expenditures are typically funded on a pay-as-you-go basis, through rate revenue.

Project Number	Description	2022 Adopted Budget	2023 Proposed Budget	2023 Project Budget Amendment Request
C15-104B	Document Management System	154,639	127,639	-
C15-109	Blossom Hill Way 6" x 10" Interconnection w/ RV	27,777		
C15-110	Crestmont Avenue 6" Interconnection w/ RV	24,888		
C16-134	Auburn Blvd - Rusch Park to Placer County Line	299,143	407,370	250,000
C17-104	Groundwater Well Property Acquisition (# 7, 8, 9 & 10)	81,187	10,851	-
C19-108	6230 Sylvan Road - East Wall	233,252	233,252	
C20-101	Fair Oaks Boulevard	425,137	425,137	
C20-107	Water Supply Project Design and Construction of Well	3,225,500	3,045,500	840,000
C20-108	Pre-Architectural Study Corporation Yard/Master Plan	98,324	98,324	-
C20-109	Plans, Specifications, & Estimate for Preferred Alt - Corp Yard	400,000	-	-
C21-040	Other City Partnership Opportunities	73,051	112,551	-
C21-041	Other Misc Infrastructure Projects	112,551	115,464	-
C21-102	Old Auburn Road	86,459	-	-
C21-104	Mesa Verde High School	672,209	-	-
C21-105	Madison Avenue & Dewey Drive	79,654	-	-
C22-003	Annual Fleet and Field Operations Equipment	100,000	-	-
C22-004	Annual Technology Hardware and Software	55,000	-	-
C22-005	Annual Facilities Improvements	100,000	-	-
C22-010	Annual Water Main Pipeline Replacements (small)	50,000	-	-
C22-011	Annual Valve Replacements	75,000	-	-
C22-012	Annual Water Service Connections	825,000	-	-
C22-013	Annual Water Meter Replacements	100,000	-	-
C22-014	Annual Fire Hydrants - Repl, Upgrades, Infill, New	125,000	-	-
C22-020	Annual Groundwater Well Improvements	150,000	-	-
C22-040	Other City Partnership Opportunities	100,000	-	-
C22-041	Other Misc Infrastructure Projects	100,000	-	-
C21-103	Pratt Avenue	490,064	-	-
C22-101	Carriage Dr	427,104	-	-
Encumbered Projects Total		8,690,939	3,917,699	1,090,000
C23-003	Annual Fleet and Field Operations Equipment	-	425,000	-
C23-004	Annual Technology Hardware and Software	-	55,000	-
C23-005	Annual Facilities Improvements	-	103,000	-
C23-010	Annual Water Main Pipeline Replacements (small)	-	50,000	-
C23-011	Annual Valve Replacements	-	115,000	-
C23-012	Annual Water Service Connections	-	1,075,000	-
C23-013	Annual Water Meter Replacements	-	120,000	-
C23-014	Annual Fire Hydrants - Repl, Upgrades, Infill, New	-	175,000	-
C23-020	Annual Groundwater Well Improvements	-	200,000	-
C23-040	Other City Partnership Opportunities	-	100,000	-
C23-041	Other Misc Infrastructure Projects	-	100,000	-
2023 New Annual Capital Total		-	2,518,000	-
C23-xxx	Highland Well	-	-	-
C23-104	Patton Avenue 8-inch, Pardal Ct, Alondra Ct, Perdez Ct 6-inch	-	1,010,000	-
C23-105	Reno Lane 8-inch	-	705,000	-
C23-xxx	Admiral & Anchor 8-inch	-	75,000	-
2023 New Projects Total		-	1,790,000	-
Totals		8,690,939	8,225,699	1,090,000

Table 10



Impact of Capital Investments on Operating Budget

The 2023 budget contains \$8.25 million in total capital expenditures. A percentage (40.1%) of these expenditures are made up of encumbered projects from previous years.

The District has been awarded \$1.6 million in State and Federal funds towards the construction of Well #7. In addition, the District has applied for a combined \$3 million (Congressionally directed funding and United States Bureau of Reclamation grant funding) for Well #8. There are very few opportunities for non-ratepayer funding, and the District continues to look for outside funding opportunities whenever possible.

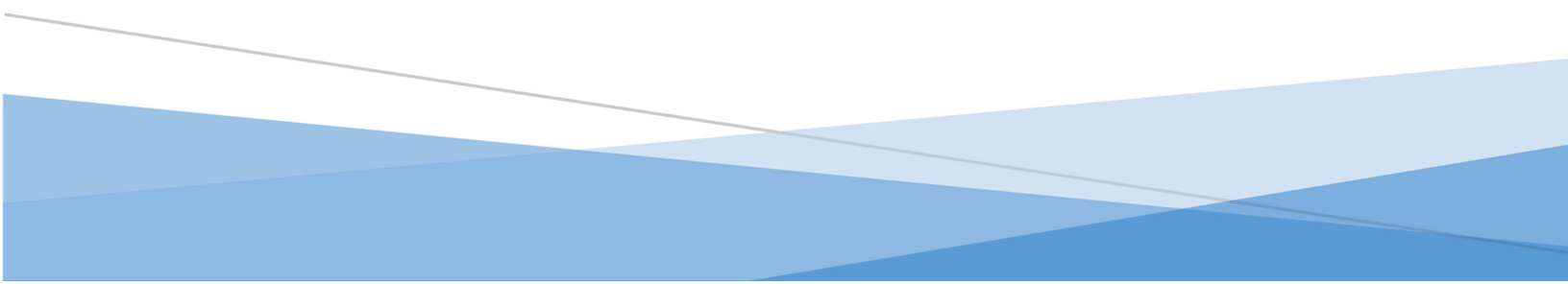
Annual Capital Projects are ongoing costs such as replacement of District infrastructure, such as water mains, water services, or fire hydrants due to maintenance and repair, or replacement of obsolete fleet vehicles.

**CITRUS
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Statistical Data



Principal Ratepayers

Customer	2021	
	Billed Units (ccf's)	Percentage of Total
San Juan Unified School District	115,683	2.31%
JMK Investments	81,870	1.63%
Sunrise Recreation Park District	79,701	1.59%
JRK Investors	48,308	0.96%
Mount Vernon Memorial Park	45,400	0.91%
Conference Claimants Endowment	32,375	0.51%
Salishan Apartments	25,717	0.65%
City of Citrus Heights	25,457	0.51%
Wedgewood Commons Apts LLC	22,493	0.54%
Knaggs Meadows LLC	22,223	0.51%
Total Billed Units: Principal customers	499,227	10.13%
Total Billed Units	5,012,030	100.00%

Table 11

Principal Employers, Sacramento Region

Employer	2021		
	Employees	Rank	Percentage of Employment
State of California	82,076	1	11.48%
UC Davis Health	14,618	2	1.76%
County of Sacramento	12,585	3	1.69%
Kaiser Permanente	12,078	4	2.04%
United States Government	11,752	5	1.42%
Dignity Health	10,888	6	1.64%
Sutter Health	10,187	7	1.52%
Intel Corporation	5,992	8	0.74%
California State University Sacramento	5,283	9	0.69%
San Juan Unified School District	4,962	10	0.84%
Total	170,421		23.84%
Total County Employment	715,102		100.00%

Table 12

Demographic and Economic Statistics

Fiscal Year	Total Number of Connections	City of Citrus Heights ⁽¹⁾				County of Sacramento ⁽¹⁾			
		Population ⁽²⁾	Unemployment Rate	Personal Income (thousands of dollars) ⁽²⁾	Personal Income (Per Capita) ⁽²⁾	Population ⁽²⁾	Unemployment Rate	Personal Income (thousands of dollars) ⁽²⁾	Personal Income (Per Capita) ⁽²⁾
2012	19,552	84,489	10.1%	\$ 4,961,701	\$ 58,726	1,447,236	9.6%	\$ 59,775,785	\$ 41,303
2013	19,591	85,123	8.3%	5,044,729	59,264	1,460,023	7.9%	61,654,690	42,229
2014	19,645	85,891	6.6%	5,212,811	60,691	1,478,137	6.3%	65,486,553	44,303
2015	19,785	86,759	5.7%	5,308,263	61,184	1,496,644	5.4%	70,110,138	46,845
2016	19,851	87,380	5.0%	6,043,288	69,161	1,514,460	5.0%	72,878,458	48,122
2017	19,902	87,931	3.8%	5,952,753	67,698	1,530,615	3.9%	76,832,120	50,197
2018	19,911	87,910	3.7%	6,388,859	72,675	1,540,975	3.8%	80,969,087	52,544
2019	19,937	87,796	3.2%	6,710,775	76,436	1,552,058	3.2%	85,775,621	55,266
2020	19,958	87,583	7.6%	7,102,719	81,097	1,559,146	8.3%	90,908,707	58,307
2021	20,201	n/a	4.4%	n/a	n/a	n/a	4.7%	n/a	n/a

Notes: (1) Demographic and economic statistics are provided for the City of Citrus Heights (City) and the County of Sacramento (County) because these statistics are not separately available for the District's service area. As the District is primarily comprised of some areas of the City, and unincorporated areas of the County, the District believes that data from the City and the County is representative of the conditions and experience of the District.

(2) Personal income and per capita personal income is not yet available for Fiscal Year 2021.

(3) Population data is not yet available for Fiscal Year 2021.

Table 13

Operating and Capacity Indicators

Fiscal Year	Total Connections	Total Annual Demand (Acre Feet)	Pipeline (mi)	Wells	Meters	Hydrants
2012	19,552	14,169.76	240.87	4	19,457	1,996
2013	19,591	14,881.54	242.51	4	19,488	2,037
2014	19,645	11,937.24	243.80	4	19,538	2,062
2015	19,785	9,973.47	245.56	4	19,594	2,087
2016	19,851	10,422.44	248.19	5	19,789	2,133
2017	19,902	11,014.52	249.31	6	19,912	2,160
2018	19,911	10,981.66	249.97	6	20,007	2,181
2019	19,937	11,001.23	250.26	6	20,043	2,368
2020	19,958	12,003.53	251.97	6	20,060	2,373
2021	20,201	11,505.25	252.57	6	20,282	2,367

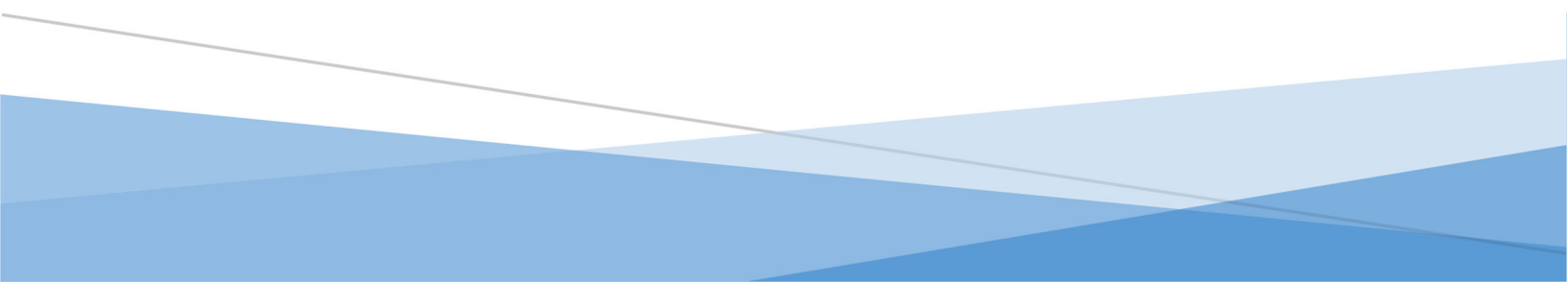
Table 14

**C I T R U S
H E I G H T S**

**W A T E R
D I S T R I C T**



Appendix



Glossary of Terms

Accrual Basis of Accounting - Method of accounting that recognizes the financial effect of transactions, and activities when they occur, regardless of the timing of related cash flows. Revenues are recorded when earned and expenses are recognized when incurred.

Acre Foot - an acre foot is enough water to cover an acre of land, about the size of a football field, one foot deep. It is the equivalent of about 326,000 gallons.

Annual Required Contribution (ARC) - The annual required contribution is the employer's periodic required contribution to a defined benefit OPEB plan. The ARC is the sum of two parts: (1) the normal cost, which is the cost for OPEB benefits attributable to the current year of service, and (2) an amortization payment, which is the catch-up payment for past service costs to fund the Unfunded Actuarial Accrued Liability over the next 30 years. Under GASB 45, it is not required that entities actually pay the ARC each year, but it does need to be calculated and disclosed in the public employer's annual financial statements

Aquifer - An underground layer of water bearing permeable rock or unconsolidated materials (gravel, sand, silt) from which groundwater can be extracted.

Aquifer Storage and Recovery (ASR) - Technology that allows groundwater wells to also inject water into the aquifer for storage, as well as to draw water for consumption.

Asset - Anything of value such as an area of land, or a building, or an item of plant or equipment or infrastructure that provides service potential or future economic benefits over a period greater than one year and has a cost that is material (at least \$5,000).

Audit - An objective examination and evaluation of CHWD's financial statements by an independent Certified Public Accountant firm, performed to provide assurance that the financial statements are fair and accurately presented.

Automated Meter Reader (AMR) - A method of conveying water meter reads without interfacing directly with the meter or a contact point, normally through radio transmitters.

Balanced Budget - The District's current operating expenses will be paid from current revenues and reserves carried forward from the prior year.

Beginning Balance - The beginning balance is comprised of residual funds brought forward from the previous fiscal year.

Board of Directors - The three public officials elected to represent the population within the District's service area. Also referred to as "the Board".

Bond - A certificate of debt issued by an entity, guaranteeing payment of the original investment, plus interest, by a specified future date.

Bond Covenant - A legally binding term of agreement that specifies the obligations, restrictions, and terms of the bond between the bond issuer and bond holder. Bond covenants are designed to protect the interests of both parties.

Budget - A financial plan showing authorized planned expenditures and their funding sources.

Budget Process - The schedule of key dates or milestones, which the District follows in the development, preparation, adoption, and administration of the budget.

California Environmental Quality Act (CEQA) - A California statute passed in 1970, shortly after the United States federal government passed the National Environmental Policy Act (NEPA), to institute a statewide policy of environmental protection. CEQA does not directly regulate land uses, but instead requires state and local agencies within California to follow a protocol of analysis and public disclosure of environmental impacts of proposed projects and adopt all feasible measures to mitigate those impacts.

California Family Rights Act (CFRA) - CFRA is a state law that generally conforms to the provisions of the Federal Family Medical Leave Act (FMLA) that governs family medical leave. It is applicable to employers with 50 or more employees.

Capital Improvement Program (CIP) - Authorized expenditures for tangible and long-term physical improvements or additions of a fixed or permanent nature.

Capital Project - Projects budgeted as capital projects fall within the definition of capital expenditures, which means (1) they create or extend the lives of assets, (2) their work products have a useful life of more than one year, and (3) they involve an expenditure of District resources equal to or greater than \$5,000.

Centum Cubic-Feet (CCF) - The standard rate of billing for water service. The District calculates one CCF as one unit of water. One CCF is equal to 100 cubic feet of water which is 748 gallons.

Certificates of Participation (COP) - A security in the form of a bond, which evidences a proportionate participation in a flow of payments between two parties. The District's COPs are secured by pledge of net revenues.

Citrus Heights Water District (CHWD) - A water agency that provides water to residents in the areas of Citrus Heights, CA, as well as unincorporated areas of Sacramento and Placer Counties.

Classic Member - An existing CalPERS member as of December 31, 2012; or a member that has a break in service of more than six months but returns to service with the same employer.

Consolidated Omnibus Budget Reconciliation Act (COBRA) - COBRA gives employees the right to pay premiums and keep the group health insurance that they would otherwise lose after they quit their jobs, lose their jobs, or reduce their work hours. COBRA benefits are typically available for 18 months.

Consumer Price Index (CPI) - The CPI is a measure that analyzes the average change over time of the total cost of a market basket of consumer goods and services for specific regions.

Customer Advisory Committee (CAC) - A group of CHWD customers appointed by the Board of Directors to work with a technical team to consider water main replacement options, while analyzing key financial and technical issues that promote equity of funding between today's and future CHWD customers.

Debt Service - The current year portion of interest costs and current year principal payments incurred on long-term debt.

Delivery System - The piping, valves and related infrastructure assets that convey water from one point in the water distribution system to another. For example, a delivery system can take water from the intake to the plant or from plant to the customer.

Department - A major organizational unit with overall managerial responsibility for functional programs of the District.

Depreciation - The reduction in value of a long lived asset from use or obsolescence. The decline in value is recognized by a periodic allocation of the original cost of the asset to current operations on an income statement.

Engineering News Record Construction Cost Index (ENR CCI) - The CCI is an index that measures construction costs using 200 hours of common labor at common rates, as well as a specific quantity of structural steel, portland cement, and lumber at an average cost from 20 cities in a region. This index is widely used in the construction industry to forecast construction costs.

Enterprise Fund - A fund established to account for operations that are financed and operated in a manner similar to private business enterprises where the intent of the governing body is that the costs of providing goods or services to the general public on a continuing basis be financed or recovered primarily through "user charges." An enterprise fund is a type of proprietary fund.

Enterprise Resource Planning Software - A software system that integrates the major processes of an organization such as purchasing, inventory, billing, payroll, finance, and human resources.

Environment Impact Review (EIR) - Written record submitted to a deciding authority that identifies and examines the likely environmental effects of the continuing operations of an existing facility or those of a proposed project, and proposes measures to avoid, mitigate, or offset the identified effects.

Expense - A cost incurred in the operations of the District, most often settled with the payment of cash.

Federal Deposit Insurance Corporation (FDIC) - A US government corporation that provides deposit insurance, which guarantees the safety of deposits in member banks up to \$250,000 per depositor per bank.

Fire Service Charge - A monthly charge assessed to cover the cost of the District providing additional fire flow capacity.

Fiscal Year (FY) - A 12-month period to which the annual operating budget applies and at the end of which a government determines its financial position and the results of its operations. (CHWD's fiscal year is January 1 through December 31).

Flexible Spending Accounts (FSA) - A tax- favored program offered by employers that allows their employees to pay for eligible out-of- pocket health care and dependent care expenses with pre-tax dollars.

Full-Time Equivalent (FTE) - A measure of labor requirement equal to the full time use of one worker (e.g., could be one person full time or two people half time).

Fund - A fund is a fiscal and accounting entity with a self-balancing set of accounts, which are segregated for the purpose of carrying on specific activities or attaining certain objectives in accordance with special regulations, restrictions, or limitations.

Generally Accepted Accounting Principles (GAAP) - A collection of commonly- followed accounting rules and standards for financial reporting.

Geographical Information Systems (GIS) - An information system integrating maps with electronic data.

Governmental Accounting Standards Board (GASB) - A private, non-governmental organization that is the source of generally accepted accounting principles (GAAP) used by state and local governments in the United States.

Governmental Finance Officers Association (GFOA) - A professional organization for governmental finance officers. The GFOA issues the Distinguished Budget Award annually.

Groundwater - Water produced by pumping from an underground aquifer. CHWD typically receives around 10% of its current water supply from groundwater.

Hydrologic - Of or dealing with the science of occurrence, circulation, distribution, and properties of the waters of the earth and its atmosphere.

Infrastructure - The tangible physical components that ensure delivery of reliable, high quality water. Typical components are water mains, wells, water services, and fire hydrants.

Integrated Resource Plan (IRP) - A study developed as a long-term supply plan that will help the District meet water demands in the future.

Local Agency Investment Fund (LAIF) - An investment pool administered by the State of California's State Treasurer's Office. LAIF is a voluntary program created as an investment alternative for California's local governments and special districts.

Major fund - A fund whose revenues, expenditures/expenses, assets, or liabilities (excluding extraordinary items) are at least 10 percent of corresponding totals for all governmental or enterprise funds and at least 5 percent of the aggregate amount for all governmental and enterprise funds.

Meter - A device that measures and records the quantity of a substance, such as water or energy that has passed through it during a specified period.

Mission Statement - The District's core purpose.

NBS Government Finance Group - NBS is a financial consulting firm, previously hired by CHWD to create and update its long-term financial model.

Net Position -The District's unrestricted reserves balance. The District's financial policies define parameters for the source(s) and use(s) of these reserve funds and establishes maximum and minimum target fund balances.

Operating Budget - The normal, ongoing operating costs incurred to operate the District, including wages, materials, utilities, professional and outside services, and the revenues generated through operations, such as water sales and service charges, and developer paid fees to connect to the water system.

Other Post-Employment Benefits (OPEB) - Benefits, other than pensions, which a state or local government employee receives as part of his or her package of retirement benefits. The District's OPEB is limited to retiree health benefits.

Pay-As-You-Go - A capital financing strategy to pay-as-you-go by cash funding capital projects with current and accumulated revenues rather than borrowing funds that will be repaid with future revenues.

PEPRA Member - A new hire who has no prior membership in any California public retirement system prior to January 1, 2013; or an employee who is rehired by a different CalPERS employer after a break in service of greater than six months.

Potable Water - Water that is suitable for drinking.

Pressure - The amount of force per unit area. In water, this is expressed in pounds per square-inch (psi) or an equivalent of the weight of a water column at a specific height (feet) exerted in a confined space.

Proprietary Fund - A type of fund used to account for a government's ongoing activities that are similar to those often found in the private (business) sector.

Regulatory - Something that is required due to a permit requirement, mandated regulation, or legislation.

Reliability - The probability that a system performs a specified function or mission under given conditions for a prescribed time.

Replenish - A hydrologic process where water is moved through layers of sand, dirt, and rock to groundwater.

Reserves - The portion of cash and investments that are held for a specific future use.

Revenue - Income the District receives from a variety of sources such as rates and charges, fees, and interest earnings.

Sacramento Groundwater Authority (SGA) - A joint-powers authority created to collectively manage the Sacramento region's North Area Groundwater Basin.

Sacramento Municipal Utility District (SMUD) - A community-owned electric utility that provides electricity to Sacramento County and parts of Placer County.

San Juan Water District (SJWD) - A wholesale and retail water District that takes water from Folsom Lake, treats it, then distributes it to (a) one of several wholesale customers (including CHWD), or (b) its retail customer base in the Granite Bay, CA area.

Service Line - Pipe from the common distribution main to provide water to individual customers for domestic, irrigation, or fire service.

Strategic Plan - The long-term goals, objectives, and performance measurement standards for the District.

Transmission Main - A large water main that transports water from the main supply or source, to a distant area where the water is then further distributed. Finished water transmission mains usually have no or few connections.

Valve - A device to regulate or isolate the flow of water.

Vision - A statement that describes long-term goals for an organization. CHWD's vision is "The Citrus Heights Water District will continue to evolve as a dynamic provider of municipal water service to assure that our customers receive the best value without giving it a second thought."

Water Distribution System - A network of pipe, pumps, and storage facilities to transport potable water from the source/treatment facility to the consumer.

Water Meter - A device designed to accurately measure flow passing through it. Meters are of various types, materials and function with accuracy within certain flow ranges.

Water Quality - Various measures by which materials (contaminants) and appearance (aesthetics) are compared against what are considered appropriate levels for suitably potable water.

Water Quality Monitoring - Instrumentation and activities for measuring the quality of water.

Water Treatment - Any process that intentionally alters and improves the chemical, biological, or physical characteristics of water.

Well - (1) A subsurface source of water that is generally accessed through a drilled casing and pipe into the aquifer. (2) The entire system of the underground water source, pipe casing, pump, etc. Also called a borehole.

Budget Policy

6000.00 BUDGET PREPARATION AND ADOPTION

A budget on a calendar year basis shall be prepared and adopted by Resolution of the Board of Directors.

6000.01 Budget Preparation

The General Manager or designee, in consultation with other staff members, shall prepare a draft budget for initial review and discussion by the Board of Directors.

6000.02 Budget Contents

The budget shall contain recommended appropriations of funds necessary to support the mission, operations and capital improvements of the District for the budget year.

Recommended dollar amount appropriations will be specifically identified for individual Expense Account Numbers as shown in the Citrus Heights Water District Chart of Accounts.

6000.03 Public Review and Comment

The final draft budget, as modified and amended to reflect additional information and comments, shall be presented to the public for comment at a noticed Public Hearing to be conducted prior to the start of the new budget year, typically at the Board's regular meeting in November.

6000.04 Budget Adoption

The final budget, including any modifications and amendments directed by the Board of Directors to reflect additional information and public comments, shall be considered for adoption by the Board of Directors prior to the start of the new budget year.

6000.05 Budget Amendment

The Board may amend the budget during the budget year as deemed necessary or advisable.

Reserve Policies

6200.00 OPERATING FUND

The District shall establish and maintain an Operating Fund to meet the ongoing cash outlay obligations of District operations and capital improvement expenditures. The Operating Fund shall be the source of monies for payment of the District's financial obligations including but not limited to District employee payroll and benefits costs, invoices for goods and services used by the District, debt obligations of the District and all other payments that are made by the District and reviewed by the Board of Directors on a monthly basis.

The Operating Fund shall be the repository for all monies received by the District that are not otherwise specifically restricted, assigned or committed to any of the other Funds and Reserves of the District. Monies may be transferred to or from the Operating Fund at the direction of the General Manager and designee in accordance with this Policy and the Policies setting forth the purpose, guidelines and restrictions for other District Funds and Reserves. Monies may also be transferred to or from the Operating Fund at the specific direction of the Board of Directors.

The target amount of funds to be maintained in the Operating Fund shall be monies sufficient to meet the estimated financial obligations of the District for 90 calendar days. Monies in excess of this amount that are not otherwise specifically restricted, assigned or committed to any of the other Funds and Reserves of the District shall be transferred to the District's Operating Reserve. Funds maintained in the Operating Fund shall be funds readily available to meet the financial obligations of the District.

The District Treasurer shall report in writing each month to the Board of Directors on the dollar balance of the Operating Fund at the end of the preceding calendar month and any amounts transferred to or from the Operating Fund during the month.

6210.00 OPERATING RESERVE

The District shall establish and maintain an Operating Reserve as a repository for monies received by the District that are not otherwise specifically restricted, assigned or committed to any of the other Funds and Reserves of the District, and are not required to be retained in the Operating Fund to meet the estimated financial obligations of the District for the next 90 calendar days.

Monies may be transferred to or from the Operating Reserve at the direction of the General Manager and designee in accordance with this Policy and the Policies setting forth the purpose, guidelines and restrictions for other District Funds and Reserves. Monies may also be transferred to or from the Operating Reserve at the specific direction of the Board of Directors.

The District Treasurer shall report in writing each month to the Board of Directors on the dollar balance of the Operating Reserve at the end of the preceding calendar month and any amounts transferred to or from the Operating Reserve during the month.

6220.00 RATE STABILIZATION RESERVE

The District shall establish and maintain a Rate Stabilization Reserve to provide funds for use to ensure financial and customer rate stability in responding to conditions, including but not limited to, the following:

- Unanticipated operating and/or capital expenditures;
- Unanticipated revenue shortfall due to water shortages, drought or other conditions;
- Changes to the District's billing methods, policies and procedures;
- Natural or man-made disasters;
- Major transmission or distribution main failures; and,
- Purchase of water from other than normal or budgeted sources, including electrical expense associated with long-term use of the District's groundwater wells.

The target amount of funds to be maintained in the Rate Stabilization Reserve shall be \$1,000,000. Should transfers from the Rate Stabilization Reserve be made for any purpose, it shall be the policy of the Board of Directors to restore the Reserve to its \$1,000,000 target level at the earliest opportunity. Monies shall be transferred to or from the Rate Stabilization Reserve only at the specific direction of the Board of Directors.

The District Treasurer shall report in writing each month to the Board of Directors on the dollar balance of the Rate Stabilization Reserve at the end of the preceding calendar month and any amounts transferred to or from the Rate Stabilization Reserve during the month as directed by the Board of Directors.

6225.00 DEBT SERVICES RESERVE

The District shall establish and maintain a restricted Debt Services Reserve to provide funds for use, including but not limited to, maintaining debt coverage ratios in accordance with bond covenants or other agreements or requirements associated with the issuance of debt by the District.

The amount of funds to be maintained in the Debt Services Reserve shall be in compliance with the requirements set forth in the agreement with the financing institution. The District Treasurer shall report in writing each month to the Board of Directors on the dollar balance of the Debt Services Reserve at the end of the preceding calendar month.

6240.00 CAPITAL IMPROVEMENT RESERVE

The District shall establish and maintain a Capital Improvement Reserve to provide funds for use in evaluating, designing, constructing, replacing or rehabilitating capital facilities to benefit District customers, including, but not limited to, the following:

- Water Transmission and Distribution Facilities and related appurtenances, including water services, water meters, water valves, fire hydrants, etc.;
- Pressure Control Facilities;
- In-Conduit Power Generation Facilities;
- Buildings and Improvements;
- Machinery and Equipment;
- Land and Right-of-Way Acquisition; and,
- Technology Hardware and Software Improvements.

Monies may be transferred to or from the Capital Improvement Reserve at the direction of the General Manager or designee in accordance with this Policy and the Policies setting forth the purpose, guidelines and restrictions for other District Funds and Reserves. Monies may also be transferred to or from the Capital Improvement Reserve at the specific direction of the Board of Directors.

The target amount of funds to be maintained in the Capital Improvement Reserve shall be the lesser of the following two amounts: 1) monies sufficient to meet the District's estimated capital outlays for evaluating, designing and constructing new capital facilities during the current and following fiscal year as determined by the capital improvement plan adopted by the Board of Directors; or 2) five percent (5.00%) of net total capital assets being depreciated, as determined by the District's most recent financial statements.

The District Treasurer shall report in writing each month to the Board of Directors on the dollar balance of the Capital Improvement Reserve at the end of the preceding calendar month and any amounts transferred to or from the Capital Improvement Reserve during the month.

6245.00 WATER SUPPLY RESERVE

The District shall establish and maintain a Water Supply Reserve to provide funds for use in evaluating, planning, designing, constructing, replacing or rehabilitating capital facilities to benefit District customers, including, but not limited to, the following:

- Groundwater Production Wells;
- Aquifer Storage and Recovery (ASR) Wells;
- Surface Water Supply Projects including but not limited to water diversion, treatment and transmission facilities;
- Recycled / Reclaimed Water Projects; and,

- Land and Right-of-Way Acquisition.

Monies may be transferred to or from the Water Supply Reserve at the direction of the General Manager or designee in accordance with this Policy and the Policies setting forth the purpose, guidelines and restrictions for other District Funds and Reserves. Monies may also be transferred to or from the Water Supply Reserve at the specific direction of the Board of Directors.

The target amount of funds to be maintained in the Water Supply Reserve shall be monies as a build up to meet the District's future estimated capital outlays for evaluating, designing and constructing new water supply facilities as determined by the capital improvement plan adopted by the Board of Directors.

The District Treasurer shall report in writing each month to the Board of Directors on the dollar balance of the Capital Improvement Reserve at the end of the preceding calendar month and any amounts transferred to or from the Capital Improvement Reserve during the month.

6250.00 WATER METER REPLACEMENT RESERVE

The District shall establish and maintain a Water Meter Replacement Reserve to provide funds for use in evaluating, designing, constructing, acquiring, replacing or rehabilitating capital facilities pertaining to meters to benefit District customers.

Monies may be transferred to or from the Water Meter Replacement Reserve at the direction of the General Manager or designee in accordance with this Policy and the Policies setting forth the purpose, guidelines and restrictions for other District Funds and Reserves. Monies may also be transferred to or from the Water Meter Replacement Reserve at the specific direction of the Board of Directors.

The target amount of funds to be maintained in the Water Meter Replacement Reserve shall be monies as a build up to meet the District's future estimated capital outlays for planning, evaluating, designing, constructing, installing and/or implementing new water meter technology and equipment as determined by the capital improvement plan adopted by the Board of Directors.

The District Treasurer shall report in writing each month to the Board of Directors on the dollar balance at the end of the preceding calendar month and any amounts transferred to or from the Water Meter Replacement Reserve during the month.

6255.00 WATER MAIN REPLACEMENT RESERVE

The District shall establish and maintain a Water Main Replacement Reserve to provide funds for use in evaluating, planning, designing, constructing, replacing or rehabilitating capital facilities to benefit District customers, including, but not limited to, the following:

- Water Transmission and Distribution Facilities and related appurtenances, including water services, water valves, fire hydrants, etc.

Monies may be transferred to or from the Water Main Replacement Reserve at the direction of the General Manager or designee in accordance with this Policy and the Policies setting forth the purpose, guidelines and restrictions for other District Funds and Reserves. Monies may also be transferred to or from the Water Main Replacement Reserve at the specific direction of the Board of Directors.

The target amount of funds to be maintained in the Water Main Replacement Reserve shall be monies to meet the District's future estimated capital outlays for evaluating, planning, designing and constructing water transmission or distribution facilities as determined by the water main capital improvement plan adopted by the Board of Directors.

The District Treasurer shall report in writing each month to the Board of Directors on the dollar balance at the end of the preceding calendar month and any amounts transferred to or from the Water Main Replacement Reserve during the month.

6260.00 FLEET EQUIPMENT RESERVE

The District shall establish and maintain a Fleet Equipment Reserve to set aside funds over an extended period of time to replace fleet equipment at the end of its useful life, including, but not limited to, the following:

- Pickup trucks and automobiles;
- Backhoes and loaders;
- Dump trucks;
- Crew trucks;
- Vacuum Trailer Excavation Systems;
- Vehicle-mounted equipment, such as tool boxes, cranes, safety lights and two-way radios; and,
- Trailer-mounted mobile equipment, such as air compressors.

Monies may be transferred to or from the Fleet Equipment Reserve at the direction of the General Manager or designee in accordance with this Policy and the Policies setting forth the purpose, guidelines and restrictions for other District Funds and Reserves. Monies may also be transferred to or from the Fleet Equipment Reserve at the specific direction of the Board of Directors.

The target amount of funds to be maintained in the Fleet Equipment Reserve shall be ten percent (10.00%) of the equipment and machinery capital assets cost (i.e., non-depreciated value), as determined by the District's most recent financial statements.

The District Treasurer shall report in writing each month to the Board of Directors on the dollar balance of the Fleet Equipment Reserve at the end of the preceding calendar

month and any amounts transferred to or from the Fleet Equipment Reserve during the month.

6270.00 EMPLOYMENT-RELATED BENEFITS RESERVE

The District shall establish and maintain an Employment-Related Benefits Reserve to set aside funds over an extended period of time to pay the costs of employment-related benefits for existing and retired District employees, including, but not limited to, the following:

- Payment of accrued leave balances, including sick leave, annual leave, management leave, compensatory time off (CTO) and other leave types per District Policy, upon retirement or separation of employment from the District;
- Payments to employees under the District's Recognition, Rewards and Accountability Program; and,
- Defraying the future cost of other employment-related benefits for District employees.

Monies may be transferred to or from the Employment-Related Benefits Reserve at the direction of the General Manager or designee in accordance with this Policy and the Policies setting forth the purpose, guidelines and restrictions for other District Funds and Reserves. Monies may also be transferred to or from the Employment-Related Benefits Reserve at the specific direction of the Board of Directors.

The target amount of funds to be maintained in the Employment-Related Benefits Reserve shall be the sum of monies sufficient to meet the total of the following amounts: 1) the cost for payouts of accrued leave balances due to retirement or separation of employment from the District for the current and following fiscal year as estimated by the General Manager or designee; and 2) the cost for payments to employees under the District's Recognition, Rewards and Accountability Program for the current and following fiscal year as estimated by the General Manager or designee.

The District Treasurer shall report in writing each month to the Board of Directors on the dollar balance of the Employment-Related Benefits Reserve at the end of the preceding calendar month, and any amounts transferred to or from the Employment-Related Benefits Reserve during the month.

6280.00 WATER EFFICIENCY RESERVE

The District shall establish and maintain a Water Efficiency Reserve to provide funds for use in a water supply shortage, water supply interruption, Federal/State/Regional/Local mandates, or other programmatic needs. The Water Efficiency Reserve is to be used for programs including, but not limited, to the following:

- Water Efficiency Projects;

- Drought Response;
- Temporary Labor;
- Consulting Services;
- Public Outreach and Communication;
- Water Use Monitoring;
- Workshops;
- Outdoor and Indoor Incentives;
- Information Technology Services;
- Regional Efficiency Programs;
- Water Loss Programs;
- Grants;
- Demonstration Garden; and,
- Cooling Towers.

Monies may be transferred to or from the Water Efficiency Reserve at the direction of the General Manager or designee in accordance with this Policy and the Policies setting forth the purpose, guidelines and restrictions for other District Funds and Reserves. Monies may also be transferred to or from the Water Efficiency Reserve at the specific direction of the Board of Directors.

The target amount of funds to be maintained in the Water Efficiency Reserve shall be \$200,000.

The District Treasurer shall report in writing each month to the Board of Directors on the dollar balance of the Water Efficiency Reserve at the end of the preceding calendar month and any amounts transferred to or from the Water Efficiency Reserve during the month.

Investment Policy

6300.00 INVESTMENT OF DISTRICT FUNDS

6300.01 Purpose

This fiscal management policy is intended to provide a policy and guidelines for the District's Treasurer or designee for the prudent and suitable investment of funds and monies of the District without regard to source. The ultimate goal is to enhance the economic status of the District while protecting its funds.

The District's cash management system is designed to accurately monitor and forecast expenditures and revenues, thus enabling the District to invest operating and reserve funds to the fullest extent possible. The District shall attempt to obtain the highest yield, provided that all investments first meet the criteria established for safety and liquidity.

Funds not included in this Policy include deferred compensation funds. 6300.10 Definition and Provision of the Government Code

6300.10 Definition and Provision of the Government Code

The Board of Directors and Officers authorized to make investment decisions on behalf of the District investing public funds pursuant to California Government Code sections 53600 et seq. and 53630 et seq. are trustees and therefore fiduciaries subject to the prudent investor standard. As an investment standard, any investment shall be made as if it is one which a prudent person acting in a like capacity and familiarity with those matters would use in the conduct of funds of a like character and with like aims, to safeguard the principal and maintain the liquidity needs of the agency.

6300.20 Authority

The investment policies and practices of the District are based upon compliance with federal, state and local law and prudent money management. Investments will be in compliance with governing provisions of law (California Government Code sections 53600 et seq. and 53630 et seq. as amended) and this Policy. This Policy shall take precedence when more restrictive than the California Government Code.

6300.21 The Board of Directors delegates for a one-year period the day-to-day management of the District's investments to the Treasurer, subject to the conditions of this Policy. The Treasurer shall be responsible for all transactions undertaken and shall establish a system of documentation and reporting pursuant to Section 6300.70 of this Policy.

6300.30 Ethics and Conflicts of Interest

Directors and Officers involved in the investment process shall refrain from personal business activity that could conflict with the proper execution of the investment program, or which could impair their ability to make impartial investment decisions.

6300.35 Prudence

Investments shall be made in the context of the “Prudent Investor” rule, which states that:

Investments shall be made with judgment and care, under circumstances then prevailing, which persons of prudence, discretion and intelligence exercise in the management of their own affairs, not for speculation, but for investment, considering the probable safety of their capital as well as the probable income to be derived.

The General Manager, District Treasurer and their designees involved in the investment process, acting in accordance with this Investment of District Funds Policy and exercising due diligence, shall not be held personally responsible for a specific security’s credit risk or market price changes, provided that these deviations are reported immediately and that appropriate action is taken to control adverse developments.

6300.40 Objectives

6300.41 Safety of Principal - Safety of principal is the primary objective of the District. Each investment transaction shall seek to preserve the principal of the portfolio, whether from institutional default, broker-dealer default or erosion of market value of securities. The District shall seek to preserve principal by mitigating the following two types of risk:

A. Credit Risk - Credit risk, defined as the risk of loss due to failure of an issuer of a security, shall be mitigated by investing in only very safe institutions and by diversifying the investment of District funds so that the failure of any one issuer would not unduly harm the District’s cash flow.

B. Market Risk - The risk of market value fluctuations due to overall changes in the general level of interest rates shall be mitigated by limiting the weighted average maturity of the District’s invested funds to three (3) years. It is explicitly recognized herein, however, that in a diversified portfolio, occasional measured losses are inevitable, and must be considered within the context of the overall investment return.

6300.42 Liquidity - Liquidity is the second most important objective. Investments shall be made whose maturity dates are compatible with cash flow requirements and which can be easily and rapidly converted into cash without substantial loss of value.

6300.43 Return on Investment - Investments shall be undertaken to produce an acceptable rate of return after first considering safety of principal, liquidity, and without undue risk.

6300.50 Authorized Investments

District investments are governed by the California Government Code sections 53600 et seq. and 53630 et seq. Within the context of these sections the following investments are authorized:

A. Local Agency Investment Fund - The District may invest in the Local Agency Investment Fund (LAIF) established by the California State Treasurer and created by Government Code sections 16429.1 through 16429.4 for the benefit of local agencies up to the maximum permitted by the LAIF's Local Investment Advisory Board.

B. Securities of the U.S. Government and its Agencies - United States Treasury Bills, Notes, Bonds, or Certificates of Indebtedness, or those for which the faith and credit of the United States are pledged for payment of principal and interest. There is no limitation as to the percentage of the District funds which can be invested in this category as they are all safe and liquid. Purchases may not have a term remaining to maturity in excess of five (5) years. (Gov. Code, §§ 53601(b) and 53635(a).)

C. State of California Obligations - Registered State Warrants or Treasury Notes or Bonds of this State or any of the other 49 United States, as defined in Government Code sections 53601(c), 53601(d) and 53651 and pursuant to Government Code section 53635.2.

D. Local Agency Obligations - Obligations issued by any local agency, as defined by the Government Code, within the State. Obligations may be bonds, notes, warrants, or other evidences of indebtedness, as defined in Government Code sections 53601(e) and 53651 and pursuant to Government Code section 53635.2.

E. U.S. Agencies - Federal agency or United States government-sponsored enterprise obligations, participations, or other instruments, including those issued by or fully guaranteed as to principal and interest by federal agencies or United States government-sponsored enterprises. (Gov. Code, §§ 53601(f), 53651).

F. Bankers' Acceptances - Bankers' acceptances otherwise known as bills of exchange or time drafts that are drawn on and accepted by a commercial bank. Purchases of bankers' acceptances shall not exceed 180 days' maturity or 40 percent of the District's money that may be invested pursuant to Government Code section 53601(g). However, no more than 30 percent of the District's money may be invested in the bankers' acceptances of any one commercial bank pursuant to Government Code section 53601(g). (Gov. Code, §§ 53601(g), 53651)

G. Prime Commercial Paper - Commercial paper of "prime" quality of the highest ranking or of the highest letter and number rating as provided for by a nationally recognized statistical rating organization. The entity that issues the commercial paper shall meet all of the following conditions in either paragraph (1) or (2):

(1) The entity meets the following criteria:

(a) Is organized and operating in the United States as a general corporation.

(b) Has total assets in excess of five hundred million dollars (\$500,000,000).

(c) Has debt other than commercial paper, if any, that is rated "A" or higher by a nationally recognized statistical rating organization.

(2) The entity meets the following criteria:

(a) Is organized within the United States as a special purpose corporation, trust, or limited liability company.

(b) Has program-wide credit enhancements including, but not limited to, overcollateralization, letters of credit, or surety bond.

(c) Has commercial paper that is rated "A-1" or higher, or the equivalent, by a nationally recognized statistical-rating organization.

Eligible commercial paper shall have a maximum maturity of 270 days or less. In addition:

(a) No more than 40 percent of the District's money may be invested in eligible commercial paper; and,

(b) No more than 10 percent of the District's money that may be invested pursuant to this section may be invested in the outstanding commercial paper of any single issuer. (Gov. Code, § 53601(h), 53635.)

H. Investment of Surplus Funds in Deposits - Notwithstanding Government Code section 53601 or any other provision of the Government Code, the District, at its discretion, may invest a portion of its surplus funds in deposits at a commercial bank, savings bank, savings and loan association, or credit union that uses a private sector entity that assists in the placement of certificates of deposit. The following conditions shall apply:

(1) The District shall choose a nationally or State-chartered commercial bank, savings bank, savings and loan association, or credit union in this State to invest the funds, which shall be known as the "selected" depository institution.

(2) The selected depository institution may use a private sector entity to help place District deposits with one or more commercial banks, savings banks, savings and loan associations, or credit unions that are located in the United States, and are within the network used by the private sector entity for this purpose.

(3) Any private sector entity used by a selected depository institution to help place District deposits shall maintain policies and procedures requiring both of the following:

(a) The full amount of each deposit placed pursuant to paragraph (2) above and the interest that may accrue on each such deposit shall at all times be insured by the Federal Deposit Insurance Corporation or the National Credit Union Administration.

(b) Every depository institution where funds are placed shall be capitalized at a level that is sufficient, and be otherwise eligible, to receive such deposits pursuant to regulations of the Federal Deposit Insurance Corporation or the National Credit Union Administration, as applicable.

(4) The selected depository institution shall serve as a custodian for each such deposit.

(5) On the same date that the District's funds are placed pursuant to paragraph (2) above by the private sector entity, the selected depository institution shall receive an amount of insured

deposits from other financial institutions that, in total, are equal to, or greater than, the full amount of the principal initially deposited through the selected depository institution pursuant to paragraph (2) above.

(6) Notwithstanding Government Code section 53601.8 subdivisions (a) to (g), inclusive, a credit union shall not act as a selected depository institution under Government Code sections 53601.8 or 53635.8 unless both of the following conditions are satisfied:

(a) The credit union offers federal depository insurance through the National Credit Union Administration.

(b) The credit union is in possession of written guidance or other written communication from the National Credit Union Administration authorizing participation of federally insured credit unions in one or more certificate of deposit placement services and affirming that the monies held by those credit unions while participating in a deposit placement service will at all times be insured by the federal government.

(7) Purchases of certificates of deposit pursuant to Government Code sections 53601.8 and 53635.8 shall not, in total, exceed thirty (30) percent of the District's funds that may be invested for this purpose.

(8) Excluding purchases of certificates of deposit pursuant to Government Code sections 53601.8, no more than ten (10) percent of the District's funds that may be invested for this purpose may be submitted, pursuant to paragraph (2) above, to any one private sector entity that assists in the placement of deposits with one or more commercial banks, savings banks, savings and loan associations, or credit unions that are located in the United States, for the District's account. (Gov. Code, §§ 53601.8, 53635.8.)

I. Certificates of Deposits and Time Deposits - The District may invest in nonnegotiable time deposits collateralized in accordance with the Uniform Commercial Code, in those banks and State and federal associations which meet the requirements for investment in negotiable certificates of deposit (NCD). When conditions so warrant, the first \$100,000 of collateral security for such deposits can be waived if the financial institution is insured pursuant to federal and State law.

J. Medium-Term Corporate Notes - Medium-term notes, defined as all corporate and depository institution debt securities with a maximum remaining maturity of five (5) years or less issued by corporations organized and operating within the United States or by depository institutions licensed by the United States or any state and operating within the United States. Notes eligible for investment shall be rated “A” or better by a nationally recognized statistical rating organization. No more than 30 percent of the District’s invested funds may be invested in medium-term notes. (Gov. Code, §§ 53601(k) and 53635.2)

K. Mutual Funds/Money Market Mutual Funds - To be eligible for investment pursuant to this subsection (K), these funds shall meet the following conditions in either paragraph (1) or (2) below:

(1) Shares of beneficial interest issued by diversified management companies (otherwise known as mutual funds) that invest in the securities and obligations as authorized by subdivisions (a) to (k), inclusive, or (m) to (q) inclusive, of Government Code section 53601 and that comply with the investment restrictions of Government Code sections 53600 et seq. and 53630 et seq. However, notwithstanding these restrictions, a counterparty to a reverse repurchase agreement or securities lending agreement is not required to be a primary dealer of the Federal Reserve Bank of New York if the company’s board of directors finds that the counterparty presents a minimal risk of default, and the value of the securities underlying a repurchase agreement or securities lending agreement may be 100 percent of the sales price if the securities are marked to market daily. To be eligible for investment pursuant to this paragraph (1), the companies must have either:

(a) Retained an investment adviser registered with the Securities and Exchange Commission with not less than five (5) years’ experience investing in securities and obligations and authorized by subdivisions (a) to (k), inclusive, (m) or (q) inclusive of Government Code Section 53601 and with assets under management in excess of five hundred million dollars (\$500,000,000); or,

(b) Attained the highest ranking or the highest letter and numerical rating provided by not less than two (2) nationally recognized statistical rating organizations. (Gov. Code, § 53601(l)(1) & (3).)

(2) Shares of beneficial interest issued by diversified management companies that are money market funds registered with the Securities and Exchange Commission under the Investment Company Act of 1940 (15

U.S.C. Section 80a-1 et seq.). To be eligible for investment pursuant to this paragraph (2), the companies must either have:

(a) Retained an investment adviser registered with the Securities Exchange Commission with not less than five (5) years' experience managing money market mutual funds with assets under management in excess of five hundred million dollars (\$500,000,000); or

(b) Attained the highest ranking or the highest letter and numerical rating provided by not less than two (2) nationally recognized statistical rating organizations. (Gov. Code, § 53601(l)(2) &(4).)

(3) The purchase price of shares of mutual funds and money market mutual funds purchased pursuant to this Section K of this Policy shall not include any commission that the companies may charge and shall not exceed

20 percent of the District's funds that may be invested pursuant to Government Code Section 53601. Further, no more than 10 percent of the District's funds may be invested in shares of beneficial interest of any one mutual fund pursuant to paragraph (1) above. (Gov. Code, § 53601(l)(5).)

L. Mortgage Pass-through Securities - Any mortgage pass-through security, collateralized mortgage obligation, mortgage-backed or other pay-through bond, equipment lease-backed certificate, consumer receivable pass-through certificate, or consumer receivable-backed bond of a maximum remaining maturity of five (5) years or less. Securities eligible for investment under this Section L of this Policy shall be rated in a rating category of "AA" or its equivalent or better by a nationally recognized statistical rating organization. Purchase of securities authorized by this Section L may not exceed 20 percent of the District's surplus monies that may be invested pursuant to Government Code section 53601. (Gov. Code, §§ 53601(o), 53635.2.)

M. Joint Powers Authority - Shares of beneficial interest issued by a joint powers authority organized pursuant to Government Code section 6509.7 that invests in the securities and obligations authorized in

subdivisions (a) to (r), inclusive, of Government Code section 53601. Each share shall represent an equal proportional interest in the underlying pool of securities owned by the joint powers authority. To be eligible under this Section M of this Policy, the joint powers authority issuing the shares shall have retained an investment adviser that meets all of the following criteria:

1. The adviser is registered or exempt from registration with the Securities and Exchange Commission;
2. The adviser has not less than five years of experience investing in the securities and obligations authorized in subdivisions (a) to (q), inclusive, of Government Code section 53601; and,
3. The adviser has assets under management in excess of five hundred million dollars (\$500,000,000) (Gov. Code, § 53601(p).)

N. Passbook Deposits - Savings account(s) shall be maintained for amounts under \$250,000 as a source of funds for immediate use if required for selective commercial accounts. Savings account deposits may exceed the specified amount for periods not to exceed 45 days in anticipation of payment of monthly accounts payable.

O. Supranationals - United States dollar denominated senior unsecured unsubordinated obligations issued or unconditionally guaranteed by the International Bank for Reconstruction and Development, International Finance Corporation, or Inter-American Development Bank. The maximum remaining maturity for these obligations must be five (5) years or less, and they must be eligible for purchase and sale within the United States. In addition, these investments must be rated “AA” or better by at least two (2) nationally recognized statistical ratings organizations and shall not exceed 30 percent of the District’s monies that may be invested pursuant to Government Code section 53601. (Gov. Code, § 53601(q).)

6300.51 Non-Compliance with Authorized Investments

Investments which were obtained prior to adoption of this Policy which are currently not in compliance with said policy may be held until maturity pursuant to Government Code section 53601.6(b). Reporting of said non-compliant investments shall be made per Section 6300.70 of this Policy.

6300.55 Designation of Depositories

The Board of Directors shall, by Resolution, and in accordance with Government Code sections 53600 et seq. and 53630 et seq., designate depositories for District funds. A State or federal credit union may not be designated as a depository for

District funds if a member of the Board of Directors or any person with investment decision-making authority for the District serves on the Board of Directors, any committee appointed by the Board of Directors, or the credit committee or supervisory committee of the State or federal credit union.

As far as possible, all money belonging to, or in the custody of the District, including money paid to the Treasurer or other official to pay the principal, interest, or penalties of bonds, shall be deposited for safekeeping in State or national banks, savings associations, federal associations, credit unions, or federally insured industrial loan companies in this State, selected by the Treasurer or other official having legal custody of the money; or may be invested in the investments set forth in Government Code section 53601. To be eligible to receive District money, a bank, savings association, federal association, or federally insured industrial loan company shall have received an overall rating of not less than "satisfactory" in its most recent evaluation by the appropriate federal financial supervisory agency of its record of meeting the credit needs of California's communities, including low- and moderate-income neighborhoods, pursuant to Section 2906 of Title 12 of the United States Code. Government Code sections 53601.5 and 53601.6 shall apply to all investments that are acquired pursuant to this Government Code section 53635.2. (Gov. Code, § 53635.2).

6300.60 Safekeeping of Securities

To protect against potential losses caused by collapse of individual securities dealers, all securities may be delivered against payment and shall be kept in safekeeping pursuant to Government Code section 53608. Depositories having custody of the District's funds, securities, and other investment instruments shall be directed to forward copies of verification of such deposits in accordance with policies consistent with generally accepted reporting procedures of depositories. In no case shall funds be wired or transmitted in any manner to brokers.

6300.70 Reporting Requirements

Under provisions of Government Code sections 53646 and 53607, the Treasurer shall render a monthly report to the District's Board of Directors and General Manager. The report shall include the type of investment, issuer, date of maturity, par value and the dollar amount invested in all securities, investments and monies held by the District, and shall additionally include a description of any of the District's funds, investments or programs, that are under the management of contracted parties, including lending programs. With respect to all securities held by the District, and under management of any outside party that is not also a local agency of the State of California Local Agency Investment Fund, the report shall also include a current market value as of the date of the report, and shall include the source of this same valuation.

In the report, a subsidiary ledger of investments may be used in accordance with generally accepted accounting practices.

The Treasurer shall report whatever additional information or data may be required by the District's Board of Directors.

For District investments that have been placed in the Local Agency Investment Fund, created by Government Code section 16429.1, in National Credit Union Share Insurance Fund-insured accounts in a credit union, in accounts insured or guaranteed pursuant to Financial Code section 14858, or in Federal Deposit Insurance Corporation-insured accounts in a bank or savings and loan association, in a county investment pool, or any combination of these, the Treasurer may supply to the District's Board of Directors and General Manager the most recent statement(s) received by the District from these institutions in lieu of the aforementioned information regarding the type of investment, issuer, date of maturity, par value and the dollar amount invested in all securities, investments and monies held by the District.

The monthly Treasurer's report shall state compliance of the portfolio with this Investment of District Funds Policy, or manner in which the portfolio is non-compliant. The report shall include a statement denoting the ability of the District to meet its expenditure requirement for the next six months or an explanation as to why sufficient monies will not or may not be available.

6300.90 Investment Policy Review

This policy governing Investment of District Funds shall be reviewed, modified as necessary and re-adopted or amended at a public meeting of the Board of Directors annually

Purchasing Policy

6500.00 PURCHASING AND PROCUREMENT

6500.01 Introduction

The District has a responsibility to acquire the best value in supplies, materials, equipment, operating and maintenance services, consultant services, and public works projects from various suppliers, contractors, and consultants.

This Policy provides guidance and instructions to employees involved in the purchasing and procurement process.

6500.01 Objectives of Purchasing and Procurement Policy

This Purchasing and Procurement Policy has been developed to achieve the following objectives:

- Standardize the procedures by which the District conducts business with its suppliers, contractors, and consultants.
- Ensure impartiality and competition in purchasing and procurement transactions whenever possible.
- Establish purchasing and procurement authorization procedures, delegation of authority, and accountability.
- Implement effective documentation, processing, accounting, reporting, and audit trail systems to support purchasing and procurement activities.
- Maximize effective use of the District's financial and personnel resources.

6500.02 Personnel Standards of Conduct

All personnel engaging in purchasing and procurement activities on behalf of the District shall employ the following standard practices:

- Consider, first, the interests and needs of the District in all transactions.
- Carry out the established policies of the District.
- Buy without prejudice and seek to obtain the maximum value for each expenditure of public funds.
- Subscribe to and work for honesty and truth in purchasing and procurement, and denounce all forms of commercial bribery.

No District employee involved in purchasing shall maintain a financial interest or have any personal beneficial interest, directly or indirectly, in any contract or purchase of supplies, materials, equipment, services, or public works projects used by or furnished to the District.

6500.10 Purchasing Categories

District purchases typically are within the following seven categories:

1. General Purchases
2. Consultant Services
3. Public Works Projects
4. Petty Cash Purchases
5. Emergency Purchases
6. Single Source Purchases
7. Real Property

When considering purchases or procurements in any category except emergency purchases, the District's current Operating Budget should be reviewed to ensure compliance with anticipated expenditures and revenues.

6500.11 General Purchases

This category consists of the following general purchase classifications:

- Supplies including office and field supplies, fuels, etc.
- Material including waterworks materials, trench backfill material, etc.
- Equipment including office equipment, vehicles, tools, etc.
- Software and other intangible goods.
- Settling minor claims or potential claims against the District, including the payment of severance.

6500.12 Services

This category includes Operating and Maintenance Services including service contracts and agreements, equipment repairs, etc. and specialized professional services including, but not limited to, surveyors, engineers, architects, attorneys/legal counsel, auditors, management consultants, financial consultants, technical consultants, and short-term personal services less than 30 days.

Individual members of the Board of Directors are authorized to directly consult with the District's attorneys/legal counsel.

6500.13 Public Works Projects

This category comprises expenditures for public works projects that are typically related to capital improvements performed by independent contractors for the District's water distribution system, groundwater production facilities, and administrative/corporation yard facilities. Said contractors are to be considered for selection when a specific improvement project exceeds the available personnel, equipment, and technical expertise of the District.

Payment of the prevailing wage for construction labor classifications as determined by the State of California is required of contractors providing public works project construction for the District.

A 10 percent bid security is required for sealed competitive bids.

6500.13 Petty Cash Purchases

This category is comprised of small, day-to-day, over-the-counter purchases made on behalf of the District using Petty Cash. A Petty Cash fund not to exceed \$500 shall be maintained and controlled by the District Treasurer. See also Petty Cash Policy 6480.

6500.15 Emergency Purchases

This category constitutes purchases required during times of duress when the requirements for competitive purchasing and procurement can be waived. In such cases where purchases are made outside of normal procedures, records must be maintained to indicate the vendor, types, quantities, and disposition of items purchased or services procured. If possible, informal or facsimile quotations should be obtained and documented. The General Manager or designee shall have the authority to issue purchase orders and make purchases/procurements during emergency conditions.

A report and full accounting of expenditures shall be provided to the Board of Directors whenever emergency purchases and procurements are made.

6500.16 Single-Source Purchases

This category makes allowances for the infrequent, but sometimes necessary, purchase from a supplier that is the only acceptable vendor able to furnish a certain product or service. Inasmuch as single-source purchases are an exception to competition, care must be exercised and consideration given to the following:

- Is there a lack of responsible competition for the product or service?
- Does the vendor possess exclusive and/or predominant capabilities?
- Is the product or service unique and easily established as one-of-a-kind?

- Would utilizing a single-source result in future operational or maintenance savings?
- Are there patented or proprietary rights that fully demonstrate a superior patented feature not obtainable from similar products, or a product or service available from only one source rather than dealers and retailers from which competition could be encouraged?
- Can the District’s requirements be modified so that competitive products or services may be used without sacrificing product quality and vendor responsiveness?

Further, in accordance with Public Contract Code section 3400(c), the District may make a finding that is described in the invitation for bids or request for proposals that a particular material, product, thing, or service is designated by specific brand or trade name for any of the following purposes:

- In order that a field test or experiment may be made to determine the product’s suitability for future use.
- In order to match other products in use on a particular public improvement either completed or in the course of completion.
- In order to obtain a necessary item that is only available from one source.
- In order to respond to an emergency declared by the District, but only if the declaration is approved by a unanimous vote of the Board.
- In order to respond to an emergency declared by the state, a state agency, or political subdivision of the state, but only if the facts setting forth the reasons for the finding of the emergency are contained in the public records of the District.

6500.17 Real Property

This category includes easements, fee title and other interests in real property. Due to the individualized nature of real property, all purchases may be by negotiated purchase.

6500.20 Purchasing Levels and Authority

Below are tables listing the various purchasing categories and the authority for individual purchases:

	Category	
	General Manager	Board of Directors
General: Supplies, materials, equipment, O&M services	\$75,000 or less	Greater than \$75,000

	Category	
	General Manager	Board of Directors
Consultant Services	\$75,000 or less	Greater than \$75,000
Public Works Projects	\$175,000 or less	Greater than \$175,000
Petty Cash	Less than \$500	None
Emergency	All amounts but General Manager shall notify Board of Directors at its next regular meeting	
Single Source	\$75,000 or less	Greater than \$75,000

Procurement limits shall apply on a single project basis for services or purchase basis for materials. Multiple procurements from a single provider or purchaser shall be judged individually. However, splitting or separating of materials, supplies, services, and projects for the expressed purpose of evading the requirements of this Policy, is strictly prohibited.

6500.21 INFORMAL SOLICITATIONS

All purchases or contracts for materials, supplies, equipment and services will be based, whenever possible and practicable, on some form of competition. There may be exceptions to the competitive process for emergency conditions, supply or source limitations, or other circumstances with justifications for such waiver being documented prior to the acquisition. Moreover, quotations are not required for consultant services or single source procurements. The following guidelines shall be used for obtaining quotes or proposals:

Estimated Value	Number and Type of Quotations
\$0 – \$5,000	At least one verbal or written quote
\$5,000.01 – \$40,000	At least two written quotes
\$40,000.01 – \$74,999.99	At least three written quotes
\$75,000 +	Formal Quotations

Written quotes may be either hard-copy quotes received in the mail, via facsimile or via electronic transmission. Written quotes or the justification for not obtaining quotes shall be maintained in the project file.

Quotes may not be available for common items normally found in retail establishments (i.e., Home Depot, Lowe's, etc.), unless in bulk or special order. The purchase of common consumer items is acceptable without a quote, but a contractor's discount should be sought if a business account is established.

6500.22 Formal Quotations

Formal solicitation procedures shall be required for procurements estimated to be greater than \$75,000. The use of an online solicitation system is acceptable for formal solicitations, as well the receipt of formal solicitations (unless specifically stated otherwise within the solicitation documents). In addition, the notice to bidders or request for proposal shall:

1. At a minimum, be advertised in one general circulation newspaper within the District's geographic boundaries or advertised electronically on an appropriate regional purchasing website.
2. Whenever possible and practical, provide a minimum of fourteen (14) calendar days for response, unless otherwise required by the Public Contract Code.
3. Require the receipt of a minimum of two (2) competitive responses or more, when available.

Proposals and quotations may be publicly unsealed, and respective dollar amount(s) announced. Award details shall be made available following the award of a contract. The formal competitive solicitation process may be waived at the discretion of the General Manager or designee, when there is a compelling reason to do so (e.g., public safety, prevent loss of life, imminent danger, or other valid reason). The General Manager shall document the reason and present it to the Board of Directors at the next regularly scheduled meeting. In addition, the formal competitive solicitation process shall not be required for services unless otherwise required by law. Written responses to the notice to bidders or request for proposal shall be maintained in the project file.

6500.23 Public Works Bidding

The Irrigation District Law does not maintain competitive bidding for public works except in limited cases. In such cases or when required by law, the District shall utilize all competitive processes mandated by the Public Contract Code.

For other public works solicitations, the District shall utilize the process identified in Section 6500.22 of this Policy for public works. In addition to such procedures, public work bids shall be publicly unsealed, and respective dollar amount(s) announced. The Board of Directors may waive public bidding for any public work at its discretion and subject to the limits of applicable law.

6500.25 Cooperative Purchasing

In lieu of conducting an informal or formal solicitation, the District may utilize cooperative and piggyback procurements that are based on competitive processes that are substantially consistent with the requirements of this Policy. Documentation of this finding and its basis shall be maintained in the project file.

6500.30 Change Orders

A change order is required when work or services performed pursuant to a contract will exceed the approved original contract amount or changes in the scope of work are required. A written request for change order must be completed and approved before a change order can be authorized. Board approval is required for any change order or amendment that exceeds ten percent of the initial contract amount. Subsequent change orders or amendments shall be aggregated so that Board approval is required once the total amount approved by change order or amendment exceeds ten percent of the initial contract amount. The Board may delegate additional authority for change orders or amendments when approving any contract.

6500.50 Purchasing Cycle

Regardless of the type of item or service being acquired, each transaction proceeds through the following nine distinct stages in varying degrees:

1. Assessment and determination of need
2. Research and/or development of specifications
3. Estimation of anticipated cost
4. Solicitation and evaluation of quotations, bids, or proposals
5. Selection and approval of purchase
6. Award of contract or order
7. Delivery and Inspection
8. Receipt of invoice, reconciliation with delivery ticket, verification of pricing by purchasing coordinator/agent

9. Payment

6500.80 Purchase Orders

Purchase orders may be necessary from time to time to facilitate purchase of required products or services. The District's officers (Directors, Secretary, Assessor/Collector, and Treasurer), and the General Manager are authorized to execute purchase orders on behalf of the District.

6500.90 Purchasing/Procurement Authority

Purchasing and procurement authority not heretofore specifically designated is hereby retained by the Board of Directors.

The General Manager, at his or her discretion, may delegate purchasing authority to staff. Such delegation shall be in writing.

6500.100 Project File

The General Manager or designee shall maintain a project file for each purchase. The project file may be maintained electronically or in hard copy consistent with applicable law and the District's retention policy.

Capital Assets Policy

6700.00 FIXED ASSETS ACCOUNTING CONTROL

The purpose of this policy is to provide control and accountability over fixed assets of the District, and to gather and maintain information needed for the preparation of financial statements.

6700.01 Definition of Fixed Assets

A fixed asset, also referred to as a capital asset, is defined under this Policy as:

- A. Tangible personal property that is owned, leased, controlled or possessed by the District with a dollar value of at least \$5,000.00 per item and a useful life of more than two years, and not consumed in the normal course of business.
- B. Any addition to the District's infrastructure for conveyance, treatment, pumping or production of water with a dollar value greater than \$15,000.00 and a useful life of more than one year.
- C. Any construction project, building, land, or improvement upon land with a dollar value greater than \$15,000.00 and a useful life of more than one year.

6700.10 Valuation of Fixed Assets

Fixed assets shall be valued at cost including all ancillary charges necessary to place the asset in its intended location and condition for use. The value of fixed assets shall be determined as described in the sections that follow.

6700.11 Purchased Fixed Assets

The value of purchased fixed assets shall be determined using the historical cost of the assets, including all sales taxes or other taxes, and all appropriate ancillary costs, less any trade discounts or rebates. If the historical cost of the asset is not available, or cannot be reasonably determined, an estimated cost may be determined using the best available information.

The capitalized value of land that is purchased by the District shall include the purchase price, plus any costs such as legal fees and any costs incurred to put the land in condition for its intended use.

The capitalized value of buildings purchased by the District shall include both acquisition and capital improvement costs. Capital improvements include structures (e.g., office buildings, shop buildings, and other facilities) and all

other property permanently attached to, or an integral part of, the structure (e.g., heating and air-conditioning equipment).

Furniture, fixtures, computer software, or other equipment that is not an integral part of a building are not considered capital improvements and should be classified as equipment. The cost for this type of asset shall reflect its actual or estimated cost.

6700.12 Constructed Fixed Assets

The value of constructed fixed assets shall be determined using all direct costs associated with the construction, along with any design or project management costs. Actual project management costs may be used when they can be reasonably determined and directly associated with the construction.

6700.13 Ancillary Costs

Ancillary costs should, when possible and practical, be included in the cost of a fixed asset. Minor ancillary costs that may not be measurable at the time a capital asset is recorded in the inventory system are not required to be capitalized, but may be capitalized if the information becomes readily available. Ancillary costs include items such as:

For land:

- Legal and title fees;
- Professional fees of engineers, attorneys, appraisers, financial advisors, etc.;
- Surveying fees;
- Appraisal and negotiation fees;
- Payment for damages;
- Site preparation costs; and,
- Costs related to demolition of existing structures.

For infrastructure:

- Professional fees of engineers, attorneys, appraisers, financial advisors, etc.;
- Surveying fees;
- Appraisal and negotiation fees;
- Site preparation costs; and,
- Costs related to demolition of existing structures.

For buildings and improvements other than buildings:

- Professional fees of architects, engineers, attorneys, appraisers, financial advisors, etc.;

- Costs of fixtures permanently attached to a building or structure;
- Insurance premiums and related costs incurred during construction; and,
- Any other costs necessary to place a building or structure into its intended location and condition for use.

For furnishings, equipment, software, and other fixed assets:

- Transportation charges;
- Sales tax;
- Installation costs;
- Extended maintenance or warranty contracts purchased at the time the fixed asset is purchased; and,
- Any other normal or necessary costs required to place the asset in its intended location and condition for use.

6700.14 Donated Fixed Assets

The value of donated assets shall be determined using the acquisition cost, which is the price that would be paid to acquire an asset with equivalent service potential in an orderly market transaction at the acquisition date.

6700.20 Useful Life and Depreciation of Fixed Assets

The useful life of a fixed asset shall be determined using (a) general guidelines obtained from professional or industry organizations, (b) information for comparable assets of other governments, or (c) internal information.

6700.21 Depreciation Method and Convention

Depreciable assets will be depreciated using the straight-line method of depreciation and the full month convention.

6700.30 Physical Inventory of Fixed Assets

A physical inventory of the following categories of fixed assets shall be performed annually:

- Fleet Equipment
- Office Furniture and Fixtures
- Computer Equipment and Software
- Machinery and Equipment
- Office and Telephone Equipment

The results of the physical inventory shall be reconciled with the District's asset inventory system, and any discrepancies shall be reported to the General Manager and the District Treasurer.

6700.40 Disposal of Fixed Assets

Fixed assets that have become surplus to the needs of the District shall be disposed in accordance with Disposal of Surplus Property Policy 5750. At the time that a fixed asset is disposed, any remaining book value will be recorded as loss on disposal such that the asset's book value is zero.

