

# **CITY COUNCIL MEETING**

**JULY 20, 2021**

**PRESENTATIONS**

**WORK SESSION**

**ITEM #15**

**WS 21-036**

**FIREWORKS MITIGATION  
OPTIONS**

A nighttime photograph of a cityscape with fireworks exploding in the sky. A long bridge with lights spans across a body of water in the background. The foreground shows rolling green hills with some rocks.

# Fireworks Mitigation Options

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Hayward City Council Work Session | July 20, 2021

Daniel Mao, Policy Fellow




# Agenda

- Overview of Illegal Fireworks
- Current City Responses
- Mitigation Opportunity Areas

# The Need for Response

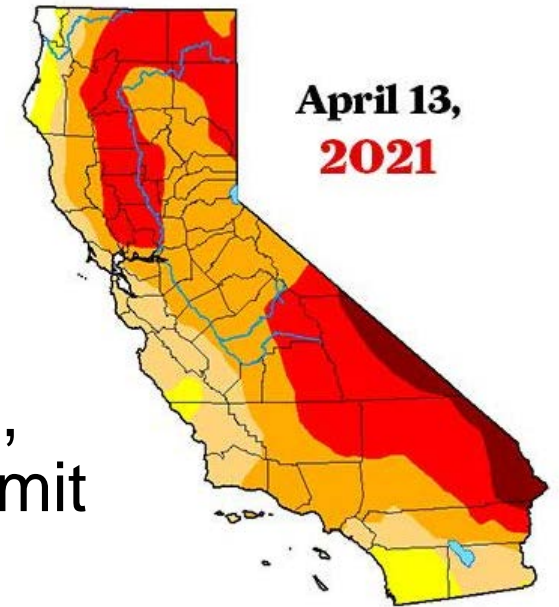
- Fireworks can cause:
  - Noise disturbance
    - Alarm to pets and individuals with PTSD
  - Risk of injury
  - Risk of grass and urban fires
- The City has received many calls for action from residents through social media, email, and the call center

According to the Consumer Product Safety Commission (CPSC) Annual Fireworks Report, as of 2020:

-  All-time high of fireworks related incidents over last 15 years
-  18 fireworks-related deaths
-  15,600 treated in hospitals

# State and Regional Context

- California Legislature has introduced two bills:
  - SB 277, Dangerous Fireworks
  - AB 1497, Firework Violations
- Dublin, Newark, and Union City allow sale and use of “Safe and Sane” fireworks
- California Health and Safety Code prohibits possession, sale, transfer, or gift of dangerous fireworks without permit
- California is in a drought and has experienced a record-breaking heatwave



# Hayward Ordinances

Currently Related to Fireworks Mitigation

Chapter 3, Article 3:  
Explosives, Firearms, and Fireworks

Chapter 4, Article 1:  
Public Nuisances, Noise Regulations

Option to Amend to Address Fireworks

Chapter 4, Article 11:  
Social Host Accountability Ordinance

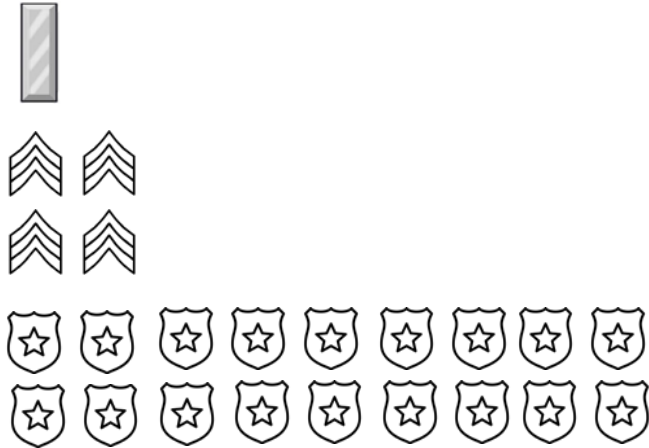
Chapter 5, Article 7:  
Community Preservation and Improvement

# Enforcement Challenges

- Hayward Municipal Code specifically outlaws the firing or discharge of fireworks, but requires officers to witness the act

Typical Evening Patrol

Supplemented Patrol on July 4<sup>th</sup>, 2021



\$6,135



# Enforcement Challenges, cont.

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While responding, there need to be two officers

- One Primary
- One Assist

Most gatherings are large, meaning:

- A two-officer response is dangerous
- Residents often intoxicated
- Dangerous explosives are involved
- Responding can potentially escalate situation



# Enforcement Challenges, cont.

The Digital Market has changed the landscape

- There is a lot of supply
- The demand is high
- It is easy to get



# Calls Received by Call Center on July 4 from 8:00 PM to 12:00 AM

*Percentage of Calls Received that Are Illegal Fireworks-Related  
Has Significantly Increased*

Year	Calls Received	Illegal Fireworks related	Percentage of Calls that are Illegal Fireworks Related
2019	637	194	30%
2020	720	276	38%
2021	610	263	43%

# City Responses

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- Coordinated messaging campaign between CMO, HPD, and HFD
- Electronic street signs placed by HPD to remind residents the risks of fireworks use
- HPD, District Command focused efforts in disproportionately impacted neighborhoods and homes
  - In-person meetings
  - 1,000+ flyers
- HPD seized 645 lbs. of fireworks on July 4

# Opportunity Areas

## Ordinance Amendment

- HMC Article 3, Section 3 to include possession of fireworks as an infraction
- Social Host Ordinance to include fireworks, property owners and hosts of events that are operating fireworks without permission can be fined
- Add fireworks use to the list of public nuisances
- Code Enforcement personnel to assist in issuing fireworks possession and use citations

# Opportunity Areas

## Enforcement Alternatives

- Update the fee schedule to increase fines for second and third violations
- Establish a program for the City Manager's Office to issue warning letters for reported crimes relating to fireworks
- Conduct targeted "sting" operations to deter use in historically high-use locations/regions

# Opportunity Areas

## Sanctioned Areas / Events

- Promote a community event with a sanctioned celebration
- Identify locations safe for fireworks use to be used away from hazardous areas and within reasonable times

# Opportunity Areas

## Enhanced Education and Marketing

- Partner with educational institutions in Hayward to inform the public about the dangers and risks associated with fireworks use in a more concerted campaign
- Increase social media and targeted communications to the public



# Seeking Direction on Opportunity Areas for Fireworks Mitigation

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**PUBLIC HEARING**

**ITEM #16**

**PH #21-069**

**ENGINEER'S REPORT MD-1**

# Maintenance District No. 1

## Stratford Village Storm Water Lift Station

Purpose: Provide Flood Protection



*Stormwater Lift Station: How It Works*

# EST 1995, 174 PROPERTY OWNERS



## DEFICIT BALANCE

Special Assessment District is in the **RED**:

- No inflation factor included in annual assessment calculation.
- Looming large bill from Alameda County systemwide upgrade.

## PROPOSITION 218 ELECTION FAILED

- Rejected paying an additional \$254 per year.
- Rejected accepting a \$379,000, low interest transfer of funds, to be repaid over 12 years.
- Rejected annual inflation increase.

## NO INCREASE TO LAST YEAR'S ASSESSMENT RATE

- For FY 2022, the maximum assessment rate will be charged, which is the same as last year.
- This rate can not be adjusted by inflation or increased without a another Proposition 218 election, at a cost of \$27,500.

## GOING FORWARD

- Various City departments already collaborating to discuss the best course of action going forward.



**PUBLIC HEARING**

**ITEM #17**

**PH #21-065**

**RECOMMENDED**

**FY 2022**

**AND**

**FY 2023**

**WATER AND  
SEWER RATES**

# FISCAL YEARS 2022 and 2023 RECOMMENDED WATER AND SEWER RATES

Alex Ameri, Director of Public Works  
July 20, 2021

# Introduction



- Staff reviews the need for water & sewer rate adjustments and presents findings & recommendations to Council
- Council held a work session on June 1
- Proposed rate information distributed to property owners, tenants, and bill payers on June 4 (over 62,000 notices mailed)
- This public hearing is to consider customer feedback and proposed FY 2022 and FY 2023 water and sewer rates
- Recommended adjustments for FY 2022 and 2023
  - Water: Raftelis prepared financial plan, cost of service study and rate recommendations
  - Sewer: Staff prepared Sewer Revenue Program and recommended rates

# City of Hayward



## Public Hearing – Water Rates

July 20, 2021

Sanjay Gaur

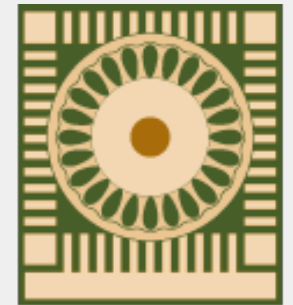
213-262-9304 / [sgaur@raftelis.com](mailto:sgaur@raftelis.com)

Kevin Kostiuik

213-262-9309 / [kkostiuk@raftelis.com](mailto:kkostiuk@raftelis.com)

Nancy Phan

206-707-9150 / [nphan@raftelis.com](mailto:nphan@raftelis.com)



CITY OF  
**HAYWARD**  
HEART OF THE BAY

# Topics

- Goals and Objectives of the Rate Study
- Legal Environment
- Financial Drivers
- Factors Affecting Water Rates
- Financial Plan
- Proposed Water Rates
- Customer Impacts and Bill Comparison

# Goals and Objectives of the Rate Study

- Develop a 10-year financial model to understand the financial obligations and risk associated with the water enterprise
- Develop a formal reserve policy associated with the water enterprise to mitigate against future risk
- Conduct a comprehensive cost of service analysis on rates that meets the current court cases associated with water rates
  - › Ties the cost of providing service to the rates
  - › Develop an administrative record that shows this nexus
- Develop two years of rates for consideration by City Council

# Legal Environment

## Cost of Service Requirements

- Proposition 218 (Article XIII C and XIID of California Constitution)
- Proposition 26
- California Government Code 54999

## San Juan Capistrano Ruling

- Required nexus between cost of providing service and tiered rates
- Clearly shown in administrative record (report)
- Show your work!

## Water Conservation

- Article X of CA Constitution
- SB 606 + AB 1668: calculated efficiency and reporting
- SWRCB Self Certification: three years of adequate supplies

# Water System Financial Drivers

- **Wholesale Water Purchase Costs**
  - › Represents two-thirds of City's water operating budget, expected to increase on average about 5% per year
- **Capital Improvement Plan**
  - › \$71.8m in cash-funded capital projects from FY 2022 to 2026
- **Reserve Funding**
  - › Recommended reserve policy ensure adequate cash balances for working capital, emergencies, and rate stabilization



# Factors Affecting Water Rates

- **Revenue Needs**
  - › Costs determine the revenue needs of the water system
  - › Results in multi-year revenue adjustments
- **Cost of Service Analysis**
  - › Updated cost allocations based on the City's adopted budget and CIP
  - › Impacts each customer class and tier differently
- **Proposed Rate Structure Modifications**
  - › Modest changes to the water rate structure to meet objectives on next slide

# Rate Objectives

- Improve fairness and equity between customer classes
- Simplify rate structure to enhance customer understanding
- Ensure affordability for essential needs
- Minimize customer impacts

# Financial Plan



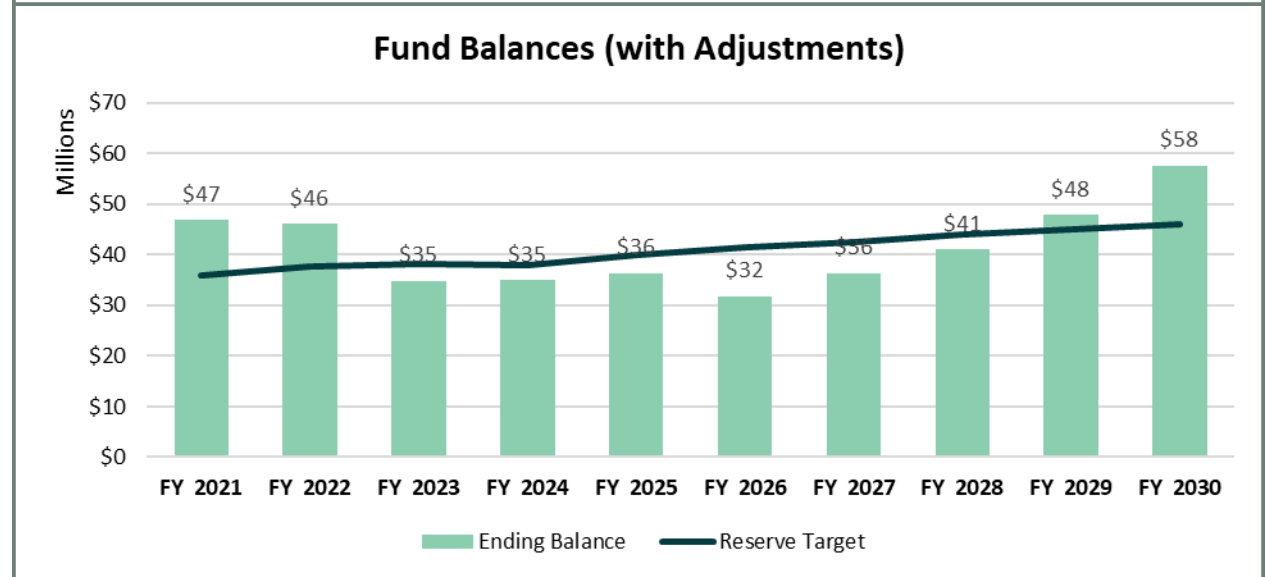
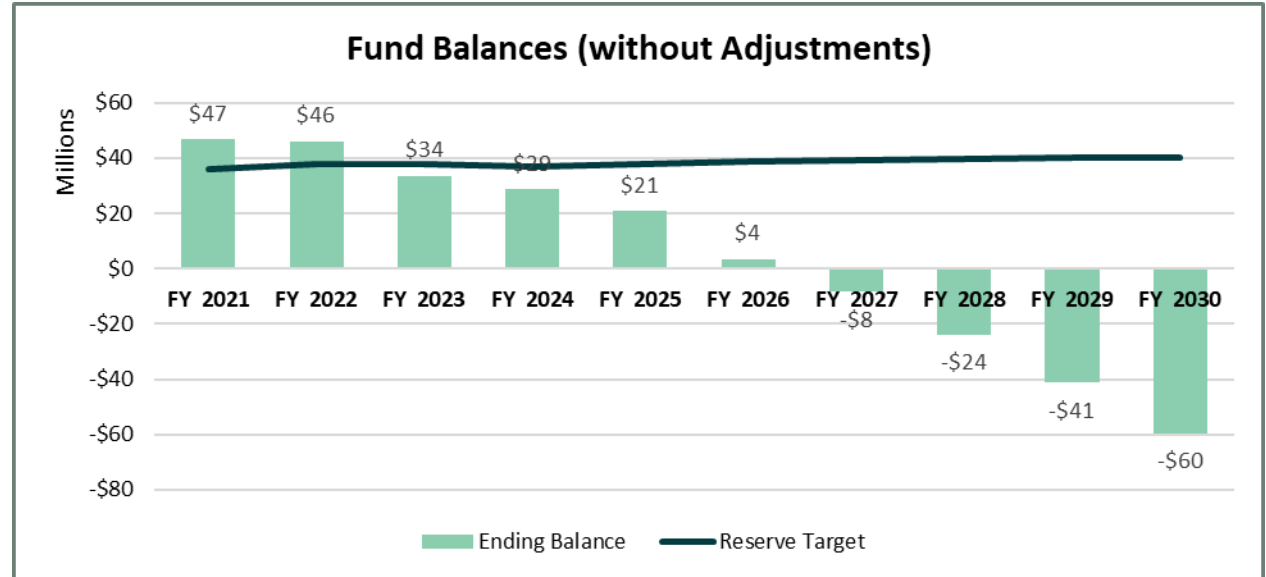
# Recommended Reserve Policy

Reserve Targets	Recommended Target Policy	FY 2022 Target
Operating	25% O&M Expenses	\$11.8m
Capital	One Year of 5-year Average CIP	\$14.4m
Rate Stabilization	25% of Commodity Revenues	\$11.6m
<b>Total</b>		<b>\$37.8m</b>
<i>Days Cash on Hand</i>		353

- Maintain adequate cash to fund O&M expenses and capital projects
- Reduce need for unreasonable rate increases caused by wholesale water costs
- Address emergencies and/or asset failure

# Proposed Financial Plan

Fiscal Year	Revenue Adjustment	Effective Month
2022	0%	October
2023	3%	October
2024	7%	October
2025	7%	October
2026	5%	October
2027	5%	October
2028	5%	October
2029	5%	October
2030	5%	October



# Proposed Water Rates



# Proposed Rate Structure Modifications

- **Harmonize Residential Rate Classes**
  - › Combine Single Family and Multi-Family (2-4 and 5+ Units) classes
  - › Enhance customer understanding and ensure equity among users, especially for indoor water needs
- **Separate Commercial/Industrial and Irrigation Classes**
  - › Irrigation customers produce a significantly higher peak on the water system due to seasonal water use
  - › Ensure Irrigation customers pay for fair share of extra-capacity related costs
- **Eliminate Outside City Surcharge**
  - › Current surcharge accounts for 0.1% of water rate revenues
  - › Reduce administrative burden and simplify rate structure

# Proposed Bi-Monthly Service Charges

Meter Size	Current* FY 2021	Proposed FY 2022	Proposed FY 2023
Low Income	\$11.20	\$10.95	\$11.28
5/8"	\$32.00	\$31.28	\$32.22
3/4"	\$43.51	\$43.65	\$44.96
1"	\$65.91	\$68.39	\$70.45
1 1/2"	\$144.31	\$130.25	\$134.16
2"	\$254.00	\$204.47	\$210.61
3"	\$641.00	\$439.51	\$452.70
4"	\$1,269.80	\$785.88	\$809.46
6"	\$2,240.00	\$1,614.69	\$1,663.14
8"	\$3,101.00	\$3,470.25	\$3,574.36
10"	\$3,734.80	\$5,202.11	\$5,358.18

\* Current rates shown are for Inside City



# Proposed Bi-Monthly Fire Service Charge

Fire Line Diameter	Current* FY 2021	Proposed FY 2022	Proposed FY 2023
5/8"	\$25.00	\$6.65	\$6.85
3/4"	\$25.00	\$6.72	\$6.93
1"	\$25.00	\$6.93	\$7.14
1 1/2"	\$25.00	\$7.66	\$7.89
2"	\$25.00	\$8.93	\$9.20
3"	\$25.00	\$13.49	\$13.90
4"	\$25.00	\$21.34	\$21.99
6"	\$29.00	\$49.52	\$51.01
8"	\$42.00	\$98.13	\$101.08
10"	\$42.00	\$171.25	\$176.39

\* Current rates shown are for Inside City

# Proposed Bi-Monthly Water Usage Rates

Customer Class	Current* Tiers (ccf)	Current* FY 2021	Proposed Tiers (ccf)	Proposed FY 2022	Proposed FY 2023
<b>Residential</b>					
Tier 1	8	\$5.80	8	\$6.04	\$6.23
Tier 2	25	\$7.14	18	\$7.18	\$7.40
Tier 3	25+	\$8.41	18+	\$8.82	\$9.09
<b>Commercial / Industrial</b>					
Tier 1	200	\$6.95	110	\$6.56	\$6.76
Tier 2	200+	\$8.29	110+	\$7.70	\$7.94
<b>Irrigation</b>					
Tier 1	200	\$6.95	170	\$7.76	\$8.00
Tier 2	200+	\$8.29	170+	\$9.88	\$10.18
<b>Hydrant</b>	Uniform	\$6.95	Uniform	\$7.31	\$7.53

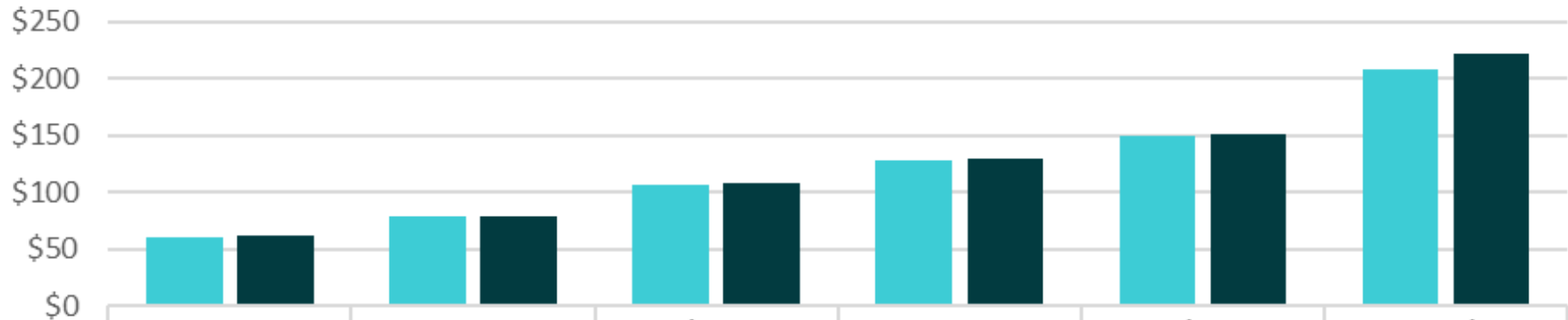
\* Current rates shown are for Inside City, Residential rates and tiers are for Single Family

# Customer Impacts & Bill Comparison



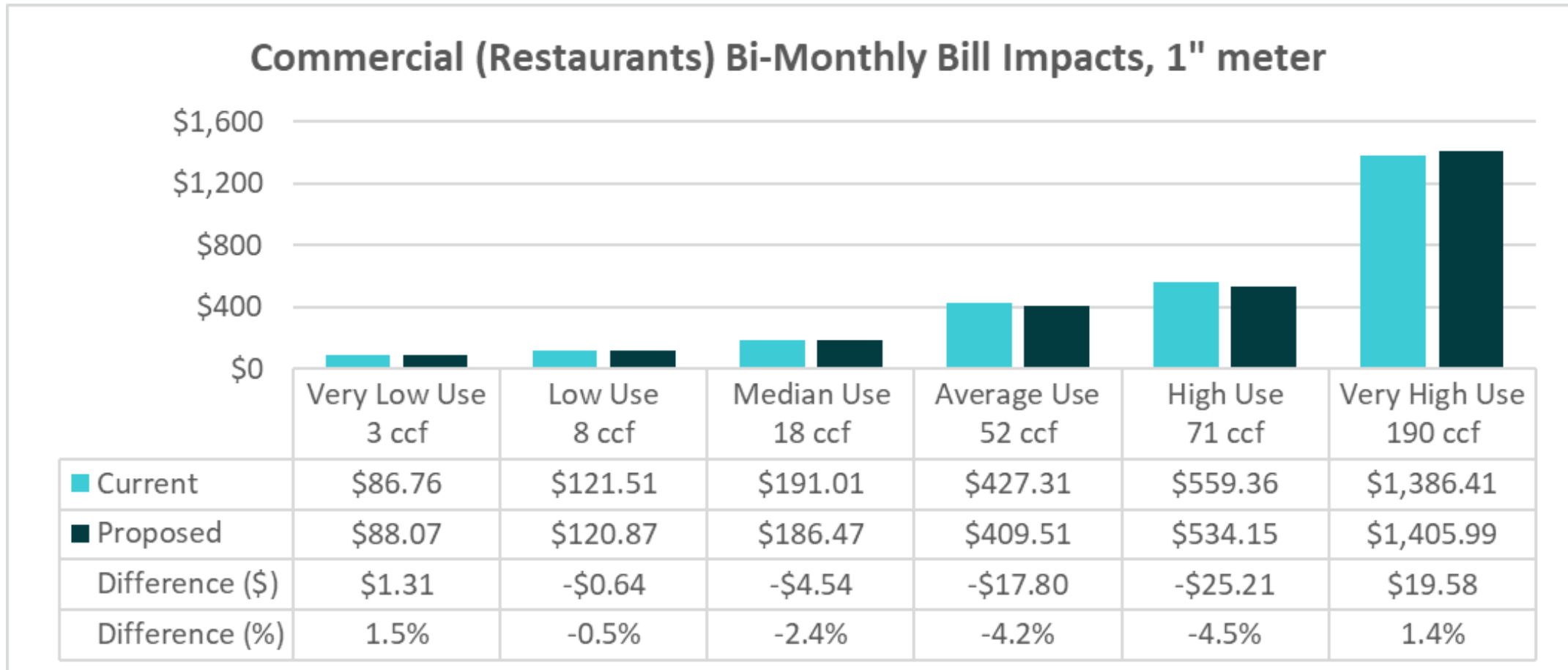
# Single Family Bill Impacts

Single Family Bi-Monthly Bill Impacts, 5/8" meter

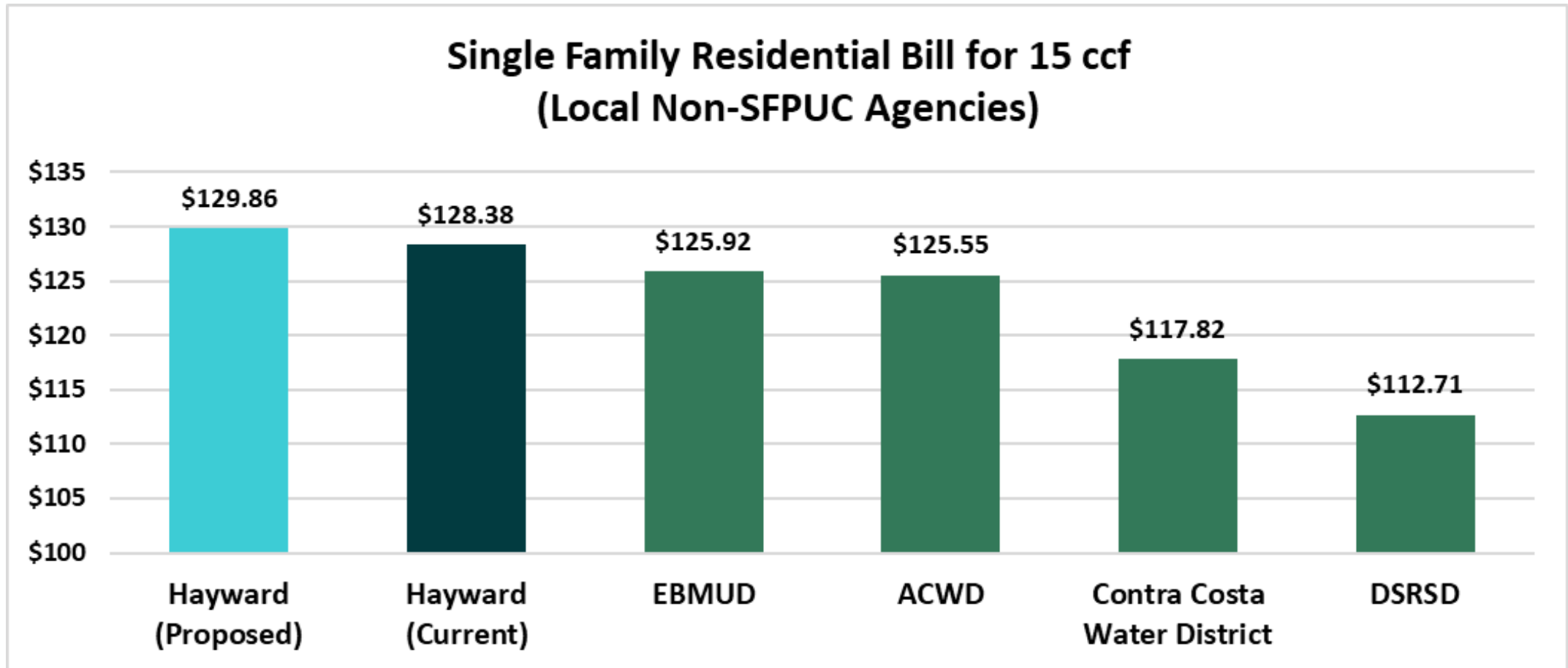


	Very Low Use 5 ccf	Low Use 8 ccf	Median Use 12 ccf	Average Use 15 ccf	High Use 18 ccf	Very High Use 26 ccf
Current	\$61.00	\$78.40	\$106.96	\$128.38	\$149.80	\$208.19
Proposed	\$61.48	\$79.60	\$108.32	\$129.86	\$151.40	\$221.96
Difference (\$)	\$0.48	\$1.20	\$1.36	\$1.48	\$1.60	\$13.77
Difference (%)	0.8%	1.5%	1.3%	1.2%	1.1%	6.6%

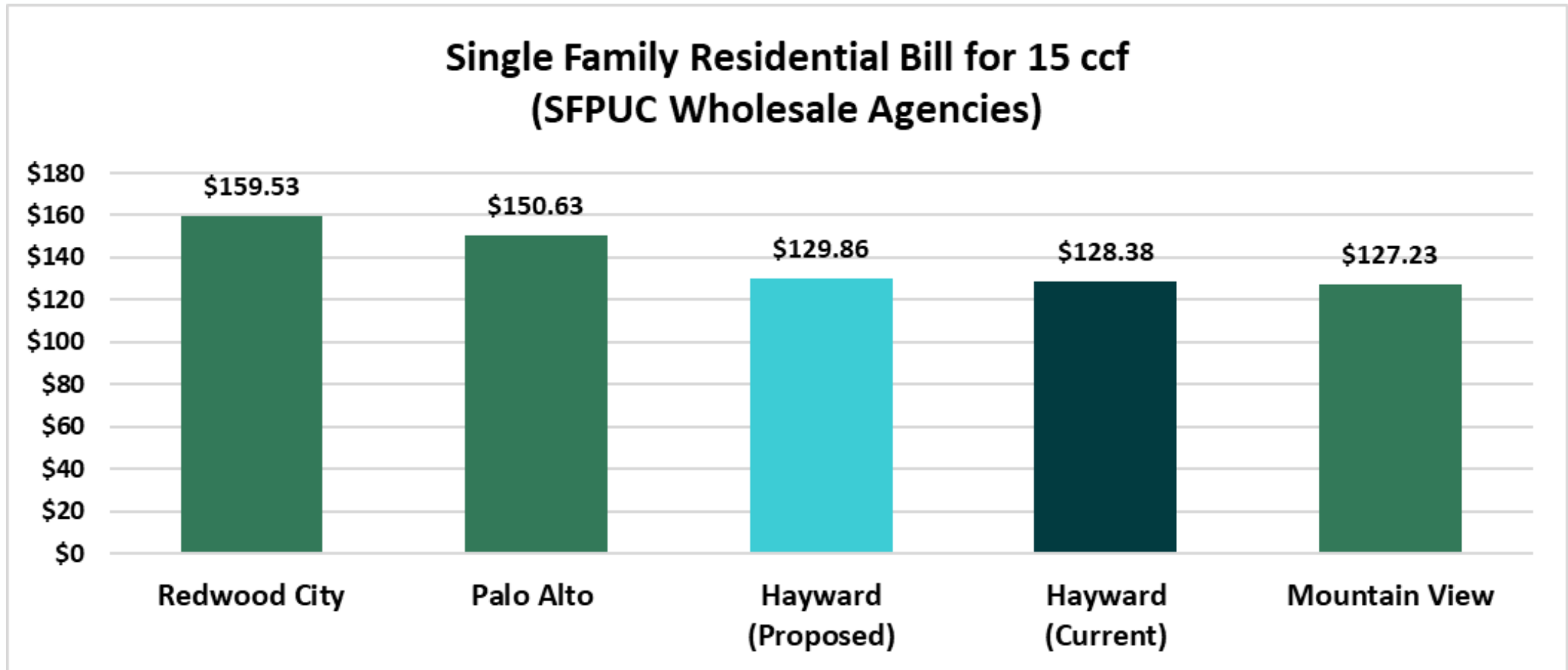
# Commercial (Restaurant) Bill Impacts



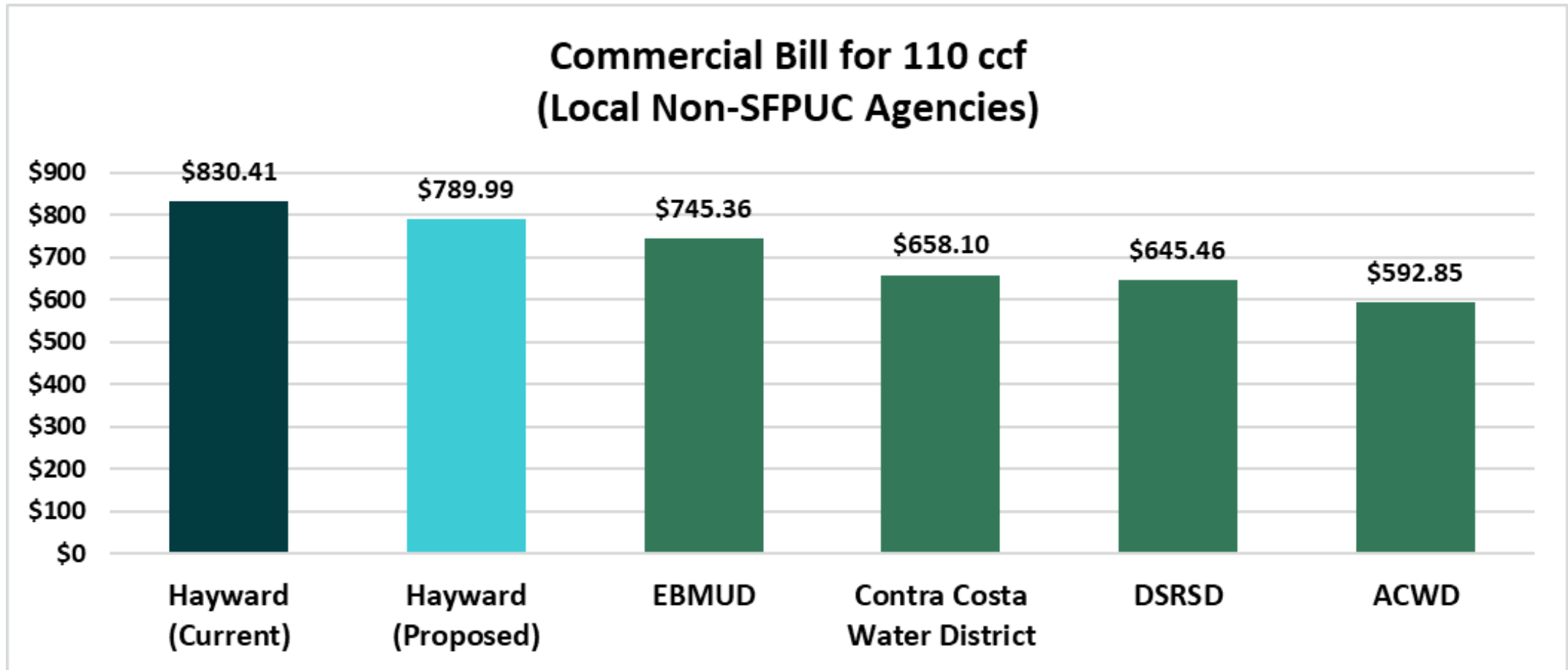
# Single Family Bill Comparison



# Single Family Bill Comparison

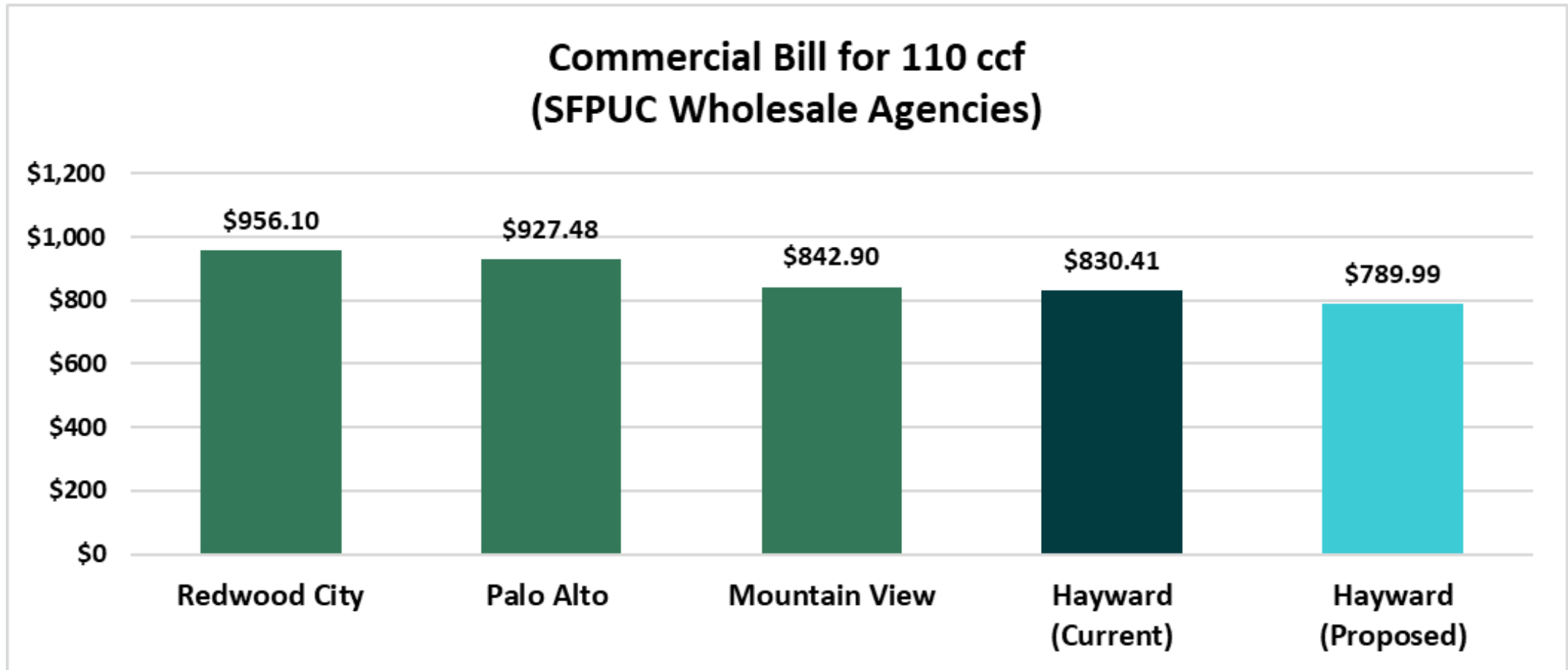


# Commercial Bill Comparison



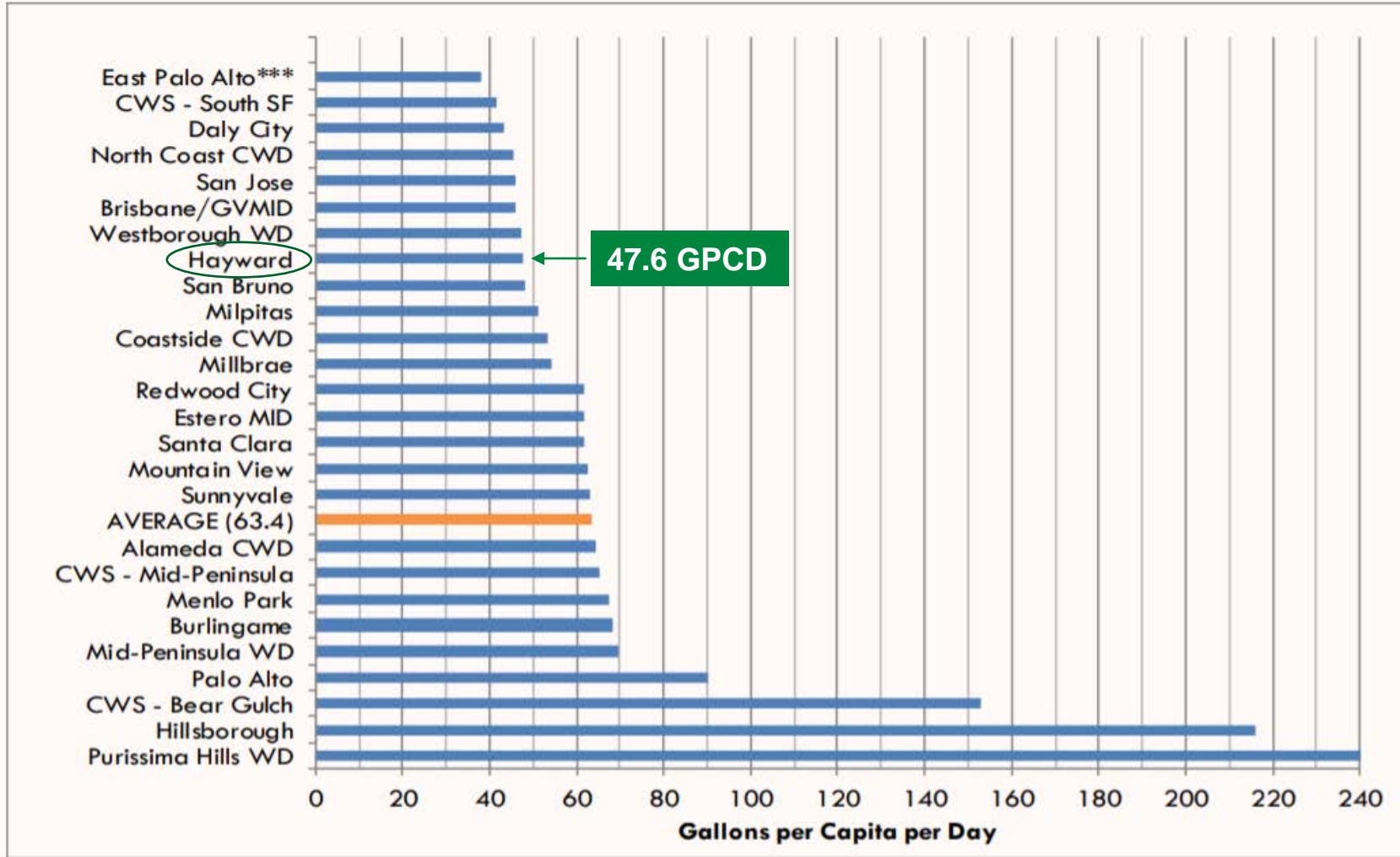


# Commercial Bill Comparison



# Water Usage Overview – Residential

Figure 7A-1: Residential Per Capita Consumption - FY 2019-20 (in gpcd)

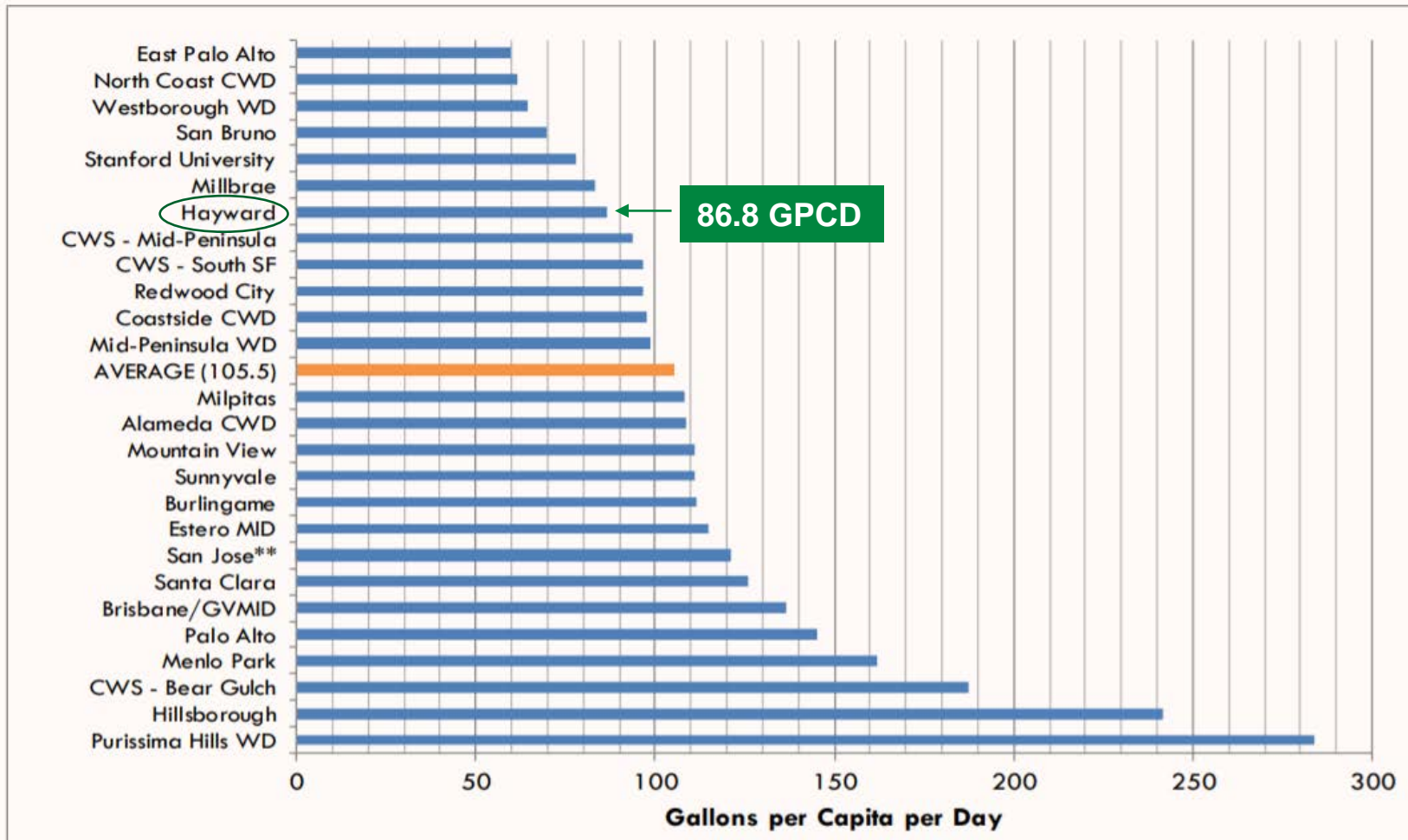


- Low residential water usage per capita per day (GPCD) compared to other BAWSCA agencies

Source: BAWSCA Annual Survey FY 2019-20

# Water Usage Overview - Gross

Figure 7B: Gross Per Capita Consumption(in gpcd) – FY 2019-20



- Low gross water usage GPCD compared to other BAWSCA agencies
- State's drought related 15% cutback request can put pressure on revenue

Source: BAWSCA Annual Survey FY 2019-20

# Water Costs for Everyday Activities

- 1 load of laundry: 17¢
- 8 minute shower: 14¢
- 1 toilet flush: 2¢
- 1 gallon of drinking water: 1¢





# Thank you!

**Contact:**

**Sanjay Gaur**

213-262-9304 / [sgaur@raftelis.com](mailto:sgaur@raftelis.com)

**Kevin Kostiuk**

213-262-9309 / [kkostiuk@raftelis.com](mailto:kkostiuk@raftelis.com)

**Nancy Phan**

206-707-9150 / [nphan@raftelis.com](mailto:nphan@raftelis.com)

# Sewer Rate Overview



- Rates pay for collection, treatment, and disposal of wastewater
  - Residential – three tiers (Standard, Economy, Lifeline)
  - Non-residential – based on water consumption and wastewater strength
- Factors Affecting FY 2022 and 2023 Sewer Rates:
  - Operating, maintenance, and replacement costs
  - WPCF improvements to meet regulatory requirements
  - Changes in industrial wastewater discharge

# Recommended FY 2022 and FY 2023 Sewer Rate Changes

Residential	Non-Residential
3.8% increase in each year	3.5% to 3.8% increase in each year

# Current and Proposed Monthly Residential Sewer Service Fees

Customer	Current	Proposed FY 2022	\$ Change	% Change	Proposed FY 2023	\$ Change	% Change
Single Family	\$35.81	\$37.17	\$1.36	3.8%	\$38.58	\$1.41	3.8%
Multifamily	\$31.87	\$33.08	\$1.21	3.8%	\$34.34	\$1.26	3.8%
Mobile Home	\$25.06	\$26.01	\$0.95	3.8%	\$27.01	\$1.00	3.8%
Economy	\$16.78	\$17.41	\$0.63	3.8%	\$18.07	\$0.66	3.8%
Lifeline	\$8.39	\$8.71	\$0.32	3.8%	\$9.04	\$0.33	3.8%



# Current and Proposed Non-Residential Sewer Service Fees

Wastewater Component	Current	Proposed FY 2022	% Change	Proposed FY 2023	% Change
Volume (per ccf)	\$3.08518	\$3.20168	3.8%	\$3.32258	3.8%
CBOD <sup>1</sup> (per pound)	\$0.72029	\$0.74430	3.3%	\$0.76912	3.3%
SS <sup>2</sup> (per pound)	\$0.96338	\$0.99791	3.6%	\$1.03367	3.6%

1. *CBOD = carbonaceous biochemical oxygen demand*

2. *SS = suspended solids*

# Examples of Impacts on Local Businesses Per CCF of Water Consumption\*

Customer	Current	Proposed FY 2022	\$ Change	% Change	Proposed FY 2023	\$ Change	% Change
<b>Small restaurants (without grease interceptor)</b>	\$10.08	\$10.44	\$0.36	3.5%	\$10.81	\$0.37	3.5%
<b>Larger restaurants (with grease interceptor)</b>	\$7.78	\$8.06	\$0.28	3.5%	\$8.34	\$0.28	3.5%
<b>Office/Retail</b>	\$5.83	\$6.05	\$0.22	3.8%	\$6.28	\$0.23	3.8%
<b>Commercial Laundry</b>	\$5.90	\$6.11	\$0.21	3.5%	\$6.33	\$0.22	3.5%

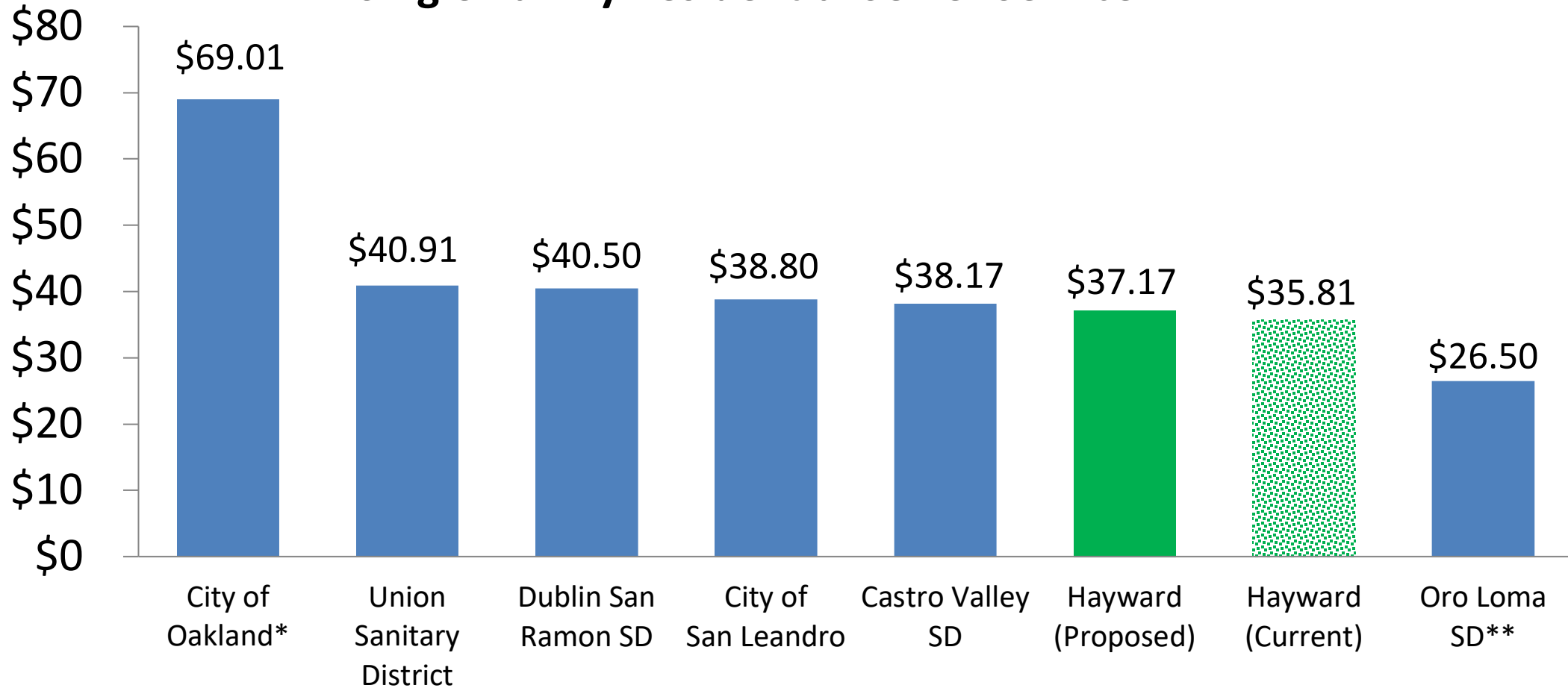
\* One CCF = 748 gallons. Rates for customers without a separate irrigation meter

# Deferral of Sewer Rate Adjustment for Restaurants

- Restaurant sector especially impacted by COVID-19
- Returning to “normal” business may take more time than for other businesses given the discretionary nature of eating out
- Based on Council’s feedback from Work Session, staff recommends:
  - Deferring the FY2022 rate adjustments for restaurants by one year
  - Effective October 1, 2021, no rate adjustment
  - Effective October 1, 2022, implement 50% of the FY2022 increase + the full amount of the FY 2023 adjustment
  - Effective October 1, 2023, implement 50% of the FY2022 increase + the full amount of whatever adjustment is approved for FY 2024

# Sewer Bill Comparison

## Single-Family Residential Sewer Service Bill



\* Includes updated EBMUD treatment charges (\$26.98) & City of Oakland collection charges (\$42.03)

\*\* Receives lump sum payment from CVSD

# Water and Sewer Connection Fees

- Pay for infrastructure needed to serve new development
- No fee increases recommended



# Recycled Water Rates

- Pay for treatment and distribution of recycled water
- Anticipated start of delivery in Summer 2021
- No fee increases recommended



# Public Outreach and Response

- Public hearing notices sent to all property owners, tenants, and bill payers of record (Proposition 218 only requires notification of owners)
- Proposed rates published twice in newspaper
  - 12 written protest notices received as of close of business on July 16
  - 4 cited economic conditions
  - 3 cited COVID-19
  - The rest provided no specific reason
- Council cannot adopt rates if protests are received from a majority of property owners (about 19,000 protests)

# Schedule

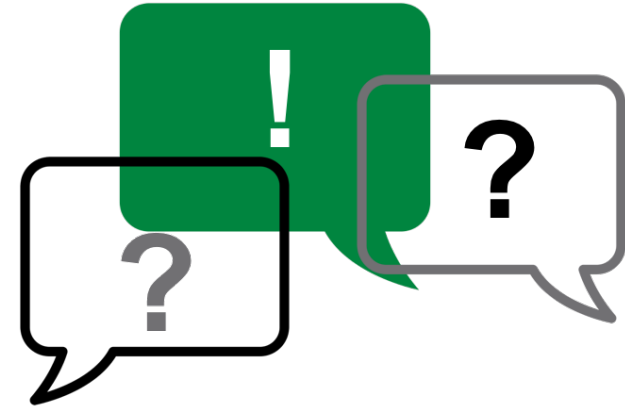
- Public Hearing and Council action on rates: July 20
- Bill insert notification: August and September 2021
- Effective dates: October 1, 2021 & October 1, 2022



# Public Hearing Format

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1. Council Questions
2. Open Public Hearing
3. Council Discussion and Action



**PUBLIC HEARING**

**ITEM #18**

**PH #21-064**

**URBAN WATER  
MANAGEMENT PLAN  
AND  
WATER SHORTAGE  
CONTIGENCY PLAN**

# 2020 Urban Water Management Plan

Alex Ameri, Director of Public Works  
July 20, 2021



# Introduction and Background

- Mandated for water agencies that deliver 3,000 acre-feet per year and/or have >3,000 service connections
- Updated every five years and adopted after public hearing
- Major components:
  - Water Demand Projections
  - Water Supply Sources
  - Water Supply Reliability
  - Water Shortage Contingency Plan
  - Demand Management
  - Compliance with Water Conservation Act of 2009 (SB X7-7)

# Water Demand Projections

- Regional Water Demand and Conservation Projections Study
  - Coordinated by BAWSCA
  - Utilizes transparent, defensible and uniform methodology
- Assumed normal economic and climate conditions during planning period
- Incorporates maximum potential demand over 20-year planning horizon
- Actual demand depends on factors such as economic and development activity, climate, and plumbing code changes

# Water Demand Projections

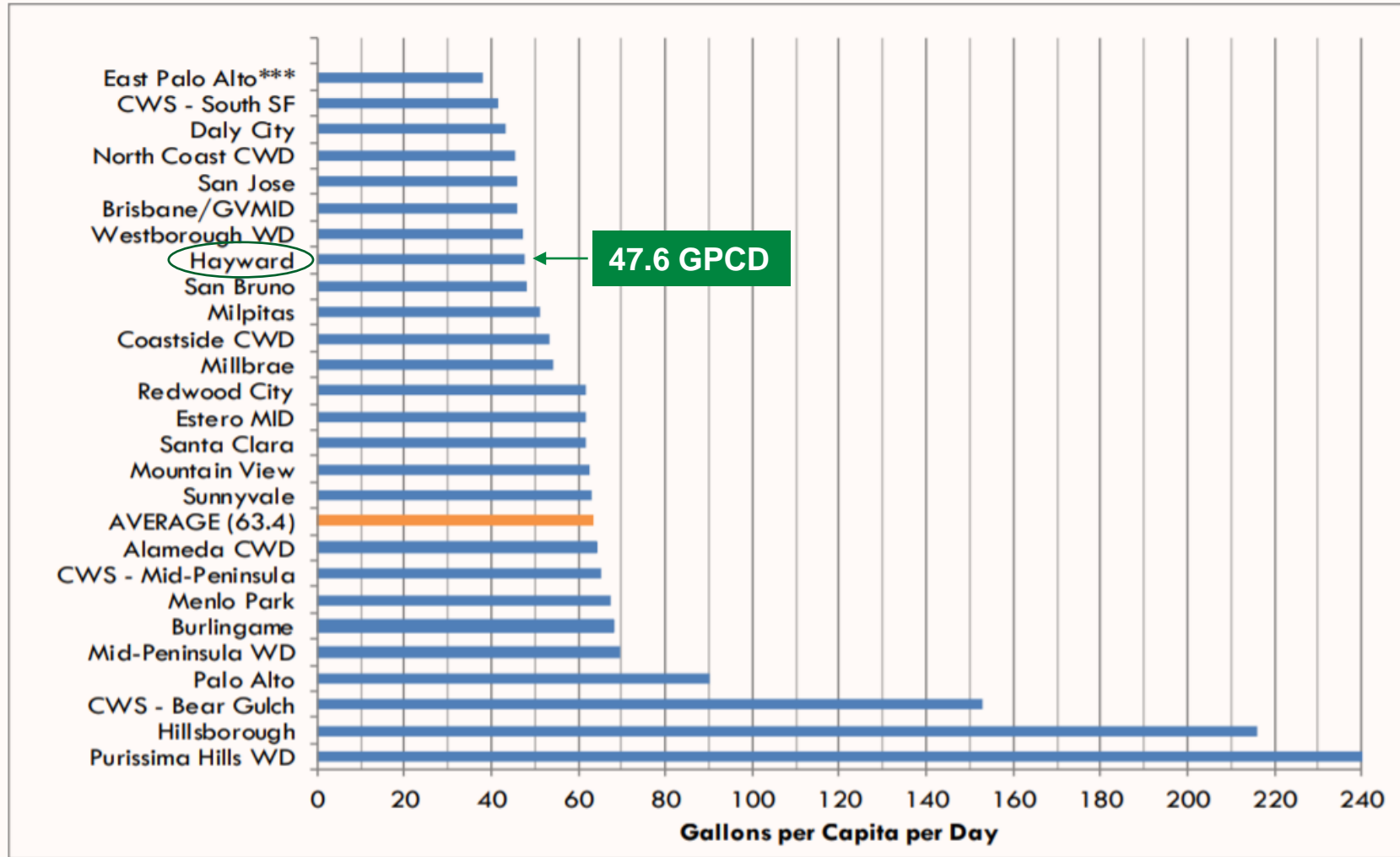
## Drinking Water - Residential

- Population estimates
- Potential residential development
- Council priorities and General Plan policies
  - Neighborhood improvement and rehabilitation of older housing stock
  - Water efficient landscape upgrades (where no landscaping exists)
- Projections incorporate water conservation and increasingly stringent plumbing code standards
- Low per capita water use:
  - 48 gallons per capita per day (gpcd) - residential
  - 87 gpcd – gross usage including industrial and institutional



# Water Usage Overview – Residential

Figure 7A-1: Residential Per Capita Consumption - FY 2019-20 (in gpcd)



- Low residential water usage per capita per day (GPCD) compared to other BAWSCA agencies

Source: BAWSCA Annual Survey FY 2019-20

# Water Demand Projections

## Drinking Water – Non-Residential

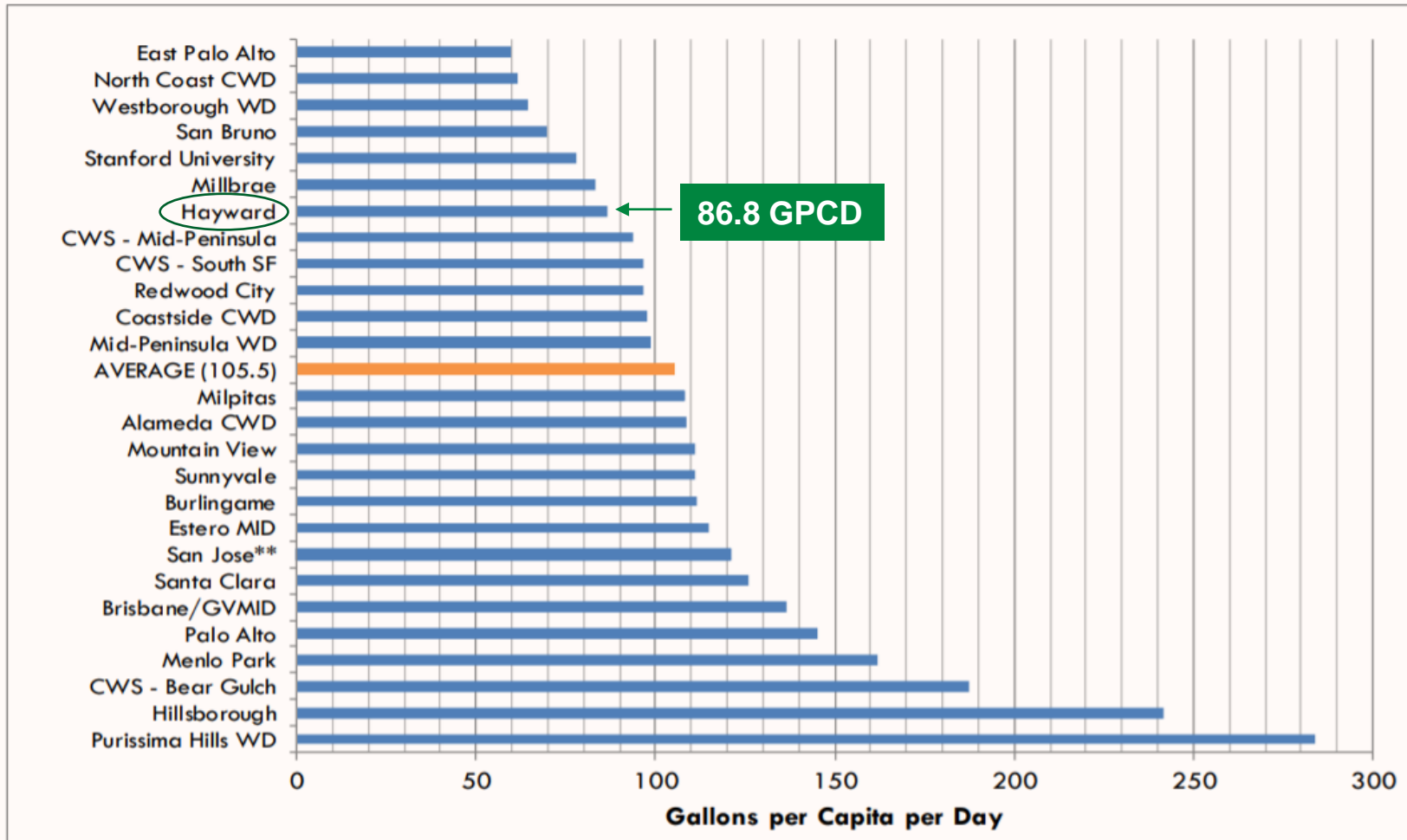
- Job growth estimates
- Council priorities and General Plan policies
  - Diversification of economic base
  - Support of entrepreneurship
- Increased industrial activity
  - Food and beverage manufacturing
  - High-tech and biotech research and development
- Higher education facilities
  - CSUEB Master Plan
  - Chabot College Facilities Master Plan





# Water Usage Overview – Gross

Figure 7B: Gross Per Capita Consumption(in gpcd) – FY 2019-20



- Low gross water usage GPCD compared to other BAWSCA agencies

Source: BAWSCA Annual Survey FY 2019-20

# Water Demand Projections

## Recycled Water

- Phase 1 recycled water deliveries scheduled to begin Summer 2021
- Anticipated delivery of over 200,000 gallons/day or more than 73 million gallons per year
- Opportunities for additional recycled water customers will be evaluated



# Water Demand Projections Summary

Projected Demand in Million Gallons						
	2000 (Actual)	2020 (Actual)	2025	2030	2035	2040
Potable	6,873	5,082	6,490	6,789	7,174	7,561
Recycled	0	177	73	73	73	110
TOTAL	6,873	5,259	6,563	6,862	7,247	7,671

- Decrease from 18.8 mgd to 14.4 mgd between 2000 and 2020

# Water Supply Sources

- Potable demand to be met by San Francisco Public Utilities Commission (SFPUC) Regional Water System - supplies sufficient to meet anticipated potable water demand during years of normal precipitation
- Recycled Water Project- supplies 100% reliable regardless of precipitation



# Water Supply Reliability

## Impact of Bay-Delta Plan on Dry Year Supplies

- The Bay Delta Plan Amendment, adopted by SWRCB in 2018 and scheduled to go into effect in 2023, requires 40% of unimpaired flow to be released every year into Lower Tuolumne River from Feb-June
  - Releases would require 40-50% rationing from SFPUC RWS at projected water demands during extended droughts
  - SFPUC is exploring alternative strategies to reduce impacts of Bay Delta Plan Amendment supply cutbacks
- SFPUC reliability analysis incorporated Bay-Delta Plan
- Retail agencies, including Hayward, required to use information from wholesale supplier to determine water supply reliability in normal and dry years

# Water Supply Reliability

## Dry Year Projections

- Projected shortages under the Bay-Delta scenario do not meet SFPUC's contractual Level of Service goals
- No prescribed method to allocate water to or between wholesale agencies for shortages greater than 20% - BAWSCA assumed equal percentage cutbacks for UWMP planning purposes

# Water Supply Reliability

## Significant Supply Shortfalls Projected in Dry Years

Submittal Table 7-3 Retail: Single- Dry Year Supply and Demand Comparison				
	2025	2030	2035	2040
Supply totals	4,220	4,397	4,630	4,909
Demand totals	6,563	6,862	7,247	7,671
Difference	(2,342)	(2,465)	(2,616)	(2,762)

NOTES:

- Volumes are in units of MG.
- Totals may not sum due to rounding.
- Supply and demand include both potable water and recycled water.

Submittal Table 7-4 Retail: Multiple Dry Years Supply and Demand Comparison					
		2025	2030	2035	2040
First year	Supply totals	4,220	4,397	4,630	4,909
	Demand totals	6,563	6,862	7,247	7,671
	Difference	(2,342)	(2,465)	(2,616)	(2,762)
Second year	Supply totals	3,629	3,782	3,979	4,227
	Demand totals	6,563	6,862	7,247	7,671
	Difference	(2,934)	(3,080)	(3,268)	(3,444)
Third year	Supply totals	3,629	3,782	3,979	4,227
	Demand totals	6,563	6,862	7,247	7,671
	Difference	(2,934)	(3,080)	(3,268)	(3,444)
Fourth year	Supply totals	3,629	3,782	3,979	3,743
	Demand totals	6,563	6,862	7,247	7,671
	Difference	(2,934)	(3,080)	(3,268)	(3,928)
Fifth year	Supply totals	3,629	3,782	3,653	3,743
	Demand totals	6,563	6,862	7,247	7,671
	Difference	(2,934)	(3,080)	(3,594)	(3,928)

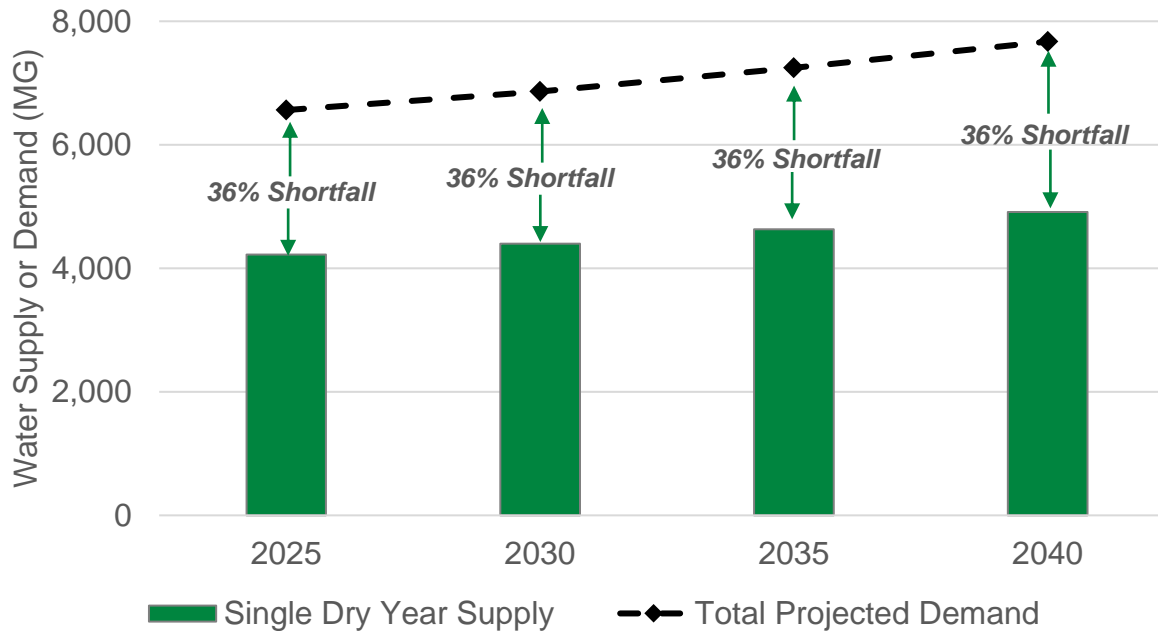
NOTES:

- Volumes are in units of MG.
- Totals may not sum due to rounding.
- Supply and demand include both potable water and recycled water.

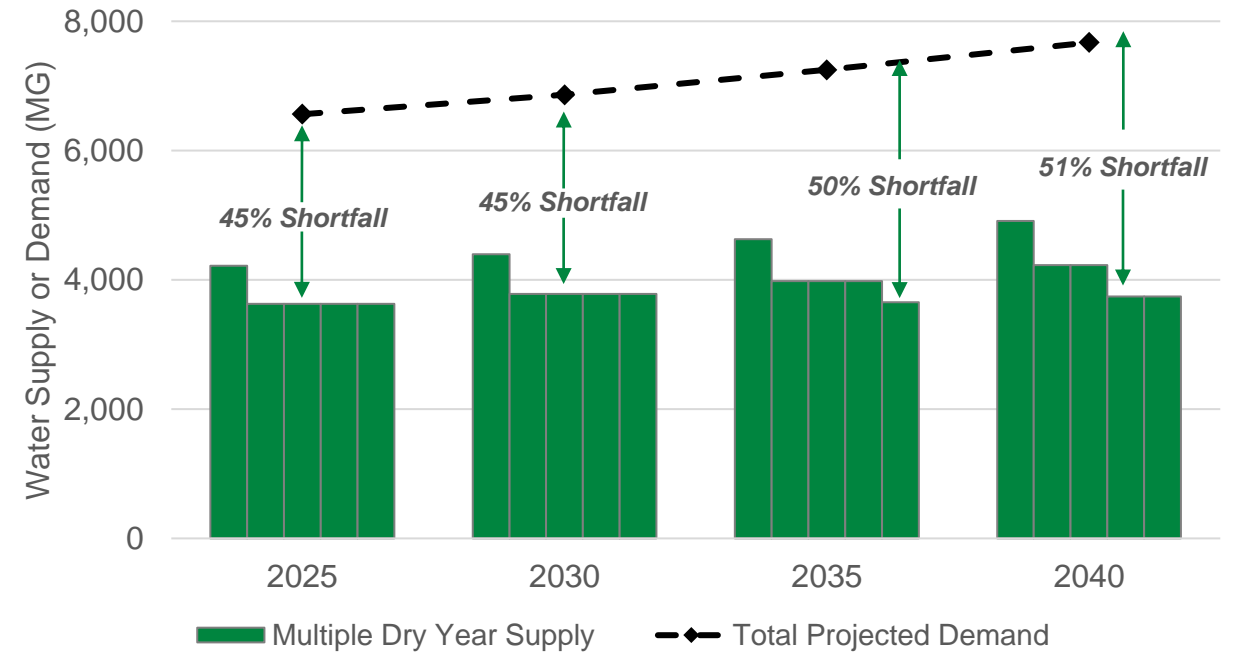
# Water Supply Reliability

## Significant Supply Shortfalls Projected in Dry Years

Single Dry Year Supply vs. Demand



Multiple Dry Year Supply vs. Demand





# Water Supply Reliability

## Addressing Projected Shortages

- Toulumne River Voluntary Agreement
  - Alternative to the Bay Delta Plan
  - Balance between additional river flow and non-flow measures and providing critical water supply
  - BAWSCA continues to advocate for implementation of TRVA
- Implement Water Shortage Contingency Plan during dry years
- Evaluate additional recycled water opportunities
- Participate in negotiations through BAWSCA to jointly develop a revised drought allocation method

# Water Supply Reliability

## Option to Update Plan Within the Next 5 Years

- Uncertainties remain:
  - Will the State adopt the voluntary agreement (or other agreement)?
  - Will renegotiated Tier 2 allocations change supply reliability for Hayward
- Hayward has the option to amend its UWMP prior to 2025 if conditions change

# Water Shortage Contingency Plan (WSCP)

## Overview

- New Requirement of 2018 Water Conservation Legislation
  - **Now a Standalone Document** (also included as an Appendix to the UWMP)
- A detailed plan to predict and mitigate a water shortage condition
- Phased approach allows City to respond to increasingly severe water shortages

# Water Shortage Contingency Plan (WSCP)

## Six Shortage Levels

- 6 levels of shortage as identified by California Department of Water Resources
- Each Shortage Level has response actions as identified in WSCP

Shortage Level	% Shortage Range	Examples of Demand Reduction Actions
1	Up to 10%	Public education; prohibit irrigation from 9am-6pm; fix irrigation leaks $\leq$ 5 days
2	11%-20%	No commercial & industrial non-essential water use; limit irrigation to $\leq$ 3 days/week; fix irrigation leaks $\leq$ 4 days
3	21%-30%	Empty decorative potable water features; limit irrigation to $\leq$ 2 days/week; fix irrigation leaks $\leq$ 3 days
4	31%-40%	No pools refill with potable water; no new pool permits to be issued; limit irrigation to $\leq$ 1 days/week
5	41%-50%	Moratorium or net zero demand Increase on new connections; lower water allocations in all categories; no watering of parks, school grounds & recreation fields
6	>50%	Prohibit all irrigation; water use for public health and safety only, including customer rationing; authorize City to shut off non-essential water services

# Demand Management

- Customer rebates – lawn replacement, rain barrels
- Distribution of low flow devices at no charge
- School education
- Landscape classes
- Aggressive system leak detection and repair
- Conservation pricing
- Water efficient landscaping of City properties
  - New Heritage Plaza



# Water Conservation Act of 2009 **SB X7-7 (20 by 2020)**

- Mandates reduction in state-wide urban per capita water use by 20% by December 2020
- 2020 water use: 87 gallons per capita per day (GPCD)
- In compliance with its 2020 SB X7-7 Target of 124 GPCD

2020 Target	Actual 2020 Water Use	Target Achieved?
124	87	Yes

# UWMP Public Outreach

- All public noticing requirements met
  - Posted on City's website
  - Public hearing notices published
  - Draft copies of UWMP available on website, at libraries and in City Hall
- Announced in *The Stack*
- Notified other interested public agencies 60 days prior to public hearing
- Staff will continue to reach out to community to provide and promote effective water conservation programming

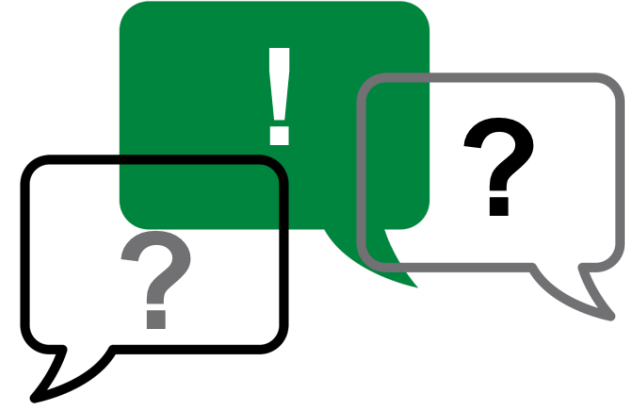
# Next Steps

- Submit adopted UWMP to the State by end of July
- UWMP will serve as planning tool for:
  - Water conservation programming
  - Water shortage contingency planning
  - Water supply development
- UWMP will be updated next in 2025 or earlier if conditions change



# Public Hearing Format

1. Council Questions
2. Open Public Hearing
3. Council Discussion and Action



Recommendation: Adopt the proposed 2020 Urban Water Management Plan and 2020 Water Shortage Contingency Plan

**LEGISLATIVE BUSINESS**

**ITEM #19**

**LB 21-038**

**UNREPRESENTED SALARY  
AND  
BENEFITS**

# Unrepresented Non-Executive Resolution

**July 20, 2021**



## Unrepresented Non-Executive Employees

Department	Number of Employees
City Attorney's Office	7
City Manager's Office	3
Finance	1
Human Resources	11
Police	1
Public Works	1
<b>Total Number of Employees</b>	<b>24</b>

# COLA Recommendation for Unrepresented Non-Executive Employees

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- 1-year term
- 2% COLA effective upon Council approval of Resolution
- Cost: **\$100,973**

# Questions and Action

- Council Questions
- Recommended Action: Adopt a Resolution amending the Salary and Benefits Resolution for Unrepresented Executives, Management, City Manager's Office, Human Resources, and City Attorney Employees

**LEGISLATIVE BUSINESS**

**ITEM #20**

**LB 21-037**

**LEAGUE OF  
CALIFORNIA CITIES  
2021  
ANNUAL CONFERENCE**

# League of California Cities 2021 Annual Conference



**CITY COUNCIL MEETING**  
**July 20, 2021**



# **League of California Cities 2021 Annual Conference (LB 21-037)**

## **BACKGROUND**

- League of California Cities
- Council Member Salinas - City's Delegate to the League East Bay Division.
- Council Member Márquez - City's Alternate to the League East Bay Division.
- League Annual Conference - September 22-24, 2021
- League Bylaws - One Voting Delegate and up to Two Alternates

**League of  
California  
Cities  
2021 Annual  
Conference**

**RECOMMENDATION**

Adopt a Resolution Designating a Voting Delegate and Alternates as Hayward's Representatives to the League's 2021 Annual Conference.

# League of California Cities 2021 Annual Conference

## NEXT STEPS

LEAGUE PROVIDES DETAILS OF RESOLUTIONS	AUGUST/SEPTEMBER
COUNCIL DISCUSSES AND VOTES ON RESOLUTIONS	9/21/2021
VOTING DELEGATE VOTES AT ANNUAL BUSINESS MEETING	9/24/2021

# **League of California Cities 2021 Annual Conference**

- Questions for Staff
- Public Comments
- Council Comments
- Recommendation: Adopt a Resolution Designating a Voting Delegate and Alternates and Authorize the City Clerk to Submit the 2021 Annual Conference Voting Delegate/Alternate Form.