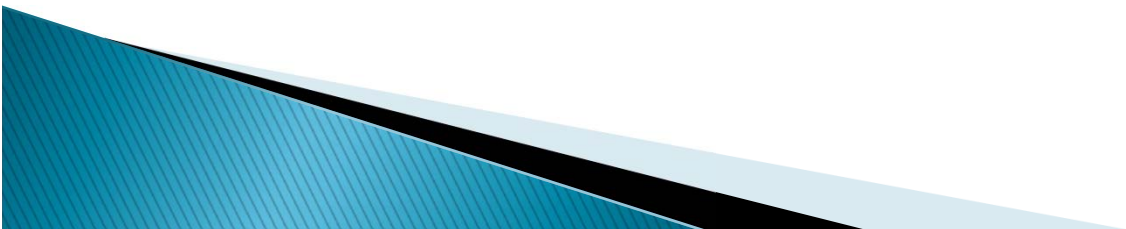




# **FY 2020-21 Proposed Sewer Rate Plan**

City Council Meeting, June 10, 2020



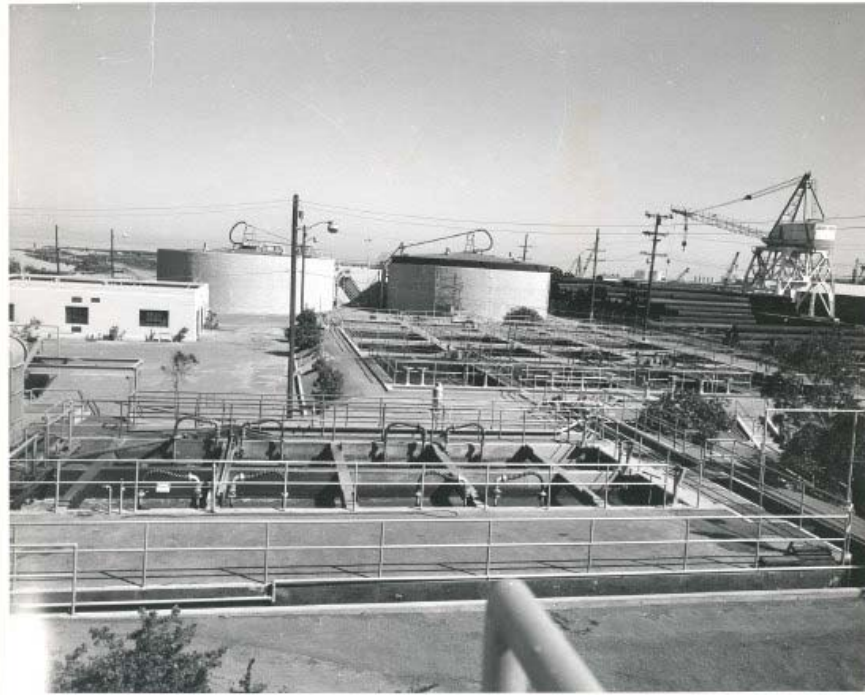
# Presentation Overview

- The Water Quality Control Plant Division
- Sewer System Users
- Regulatory Considerations
- Sewer Rate Plan
- Infrastructure Investments
- Council Questions and Discussion



# Wastewater Treatment Plant

68 Years  
of Continuous Operation

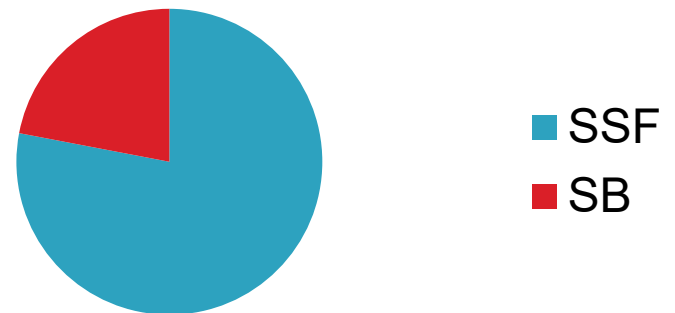


1952



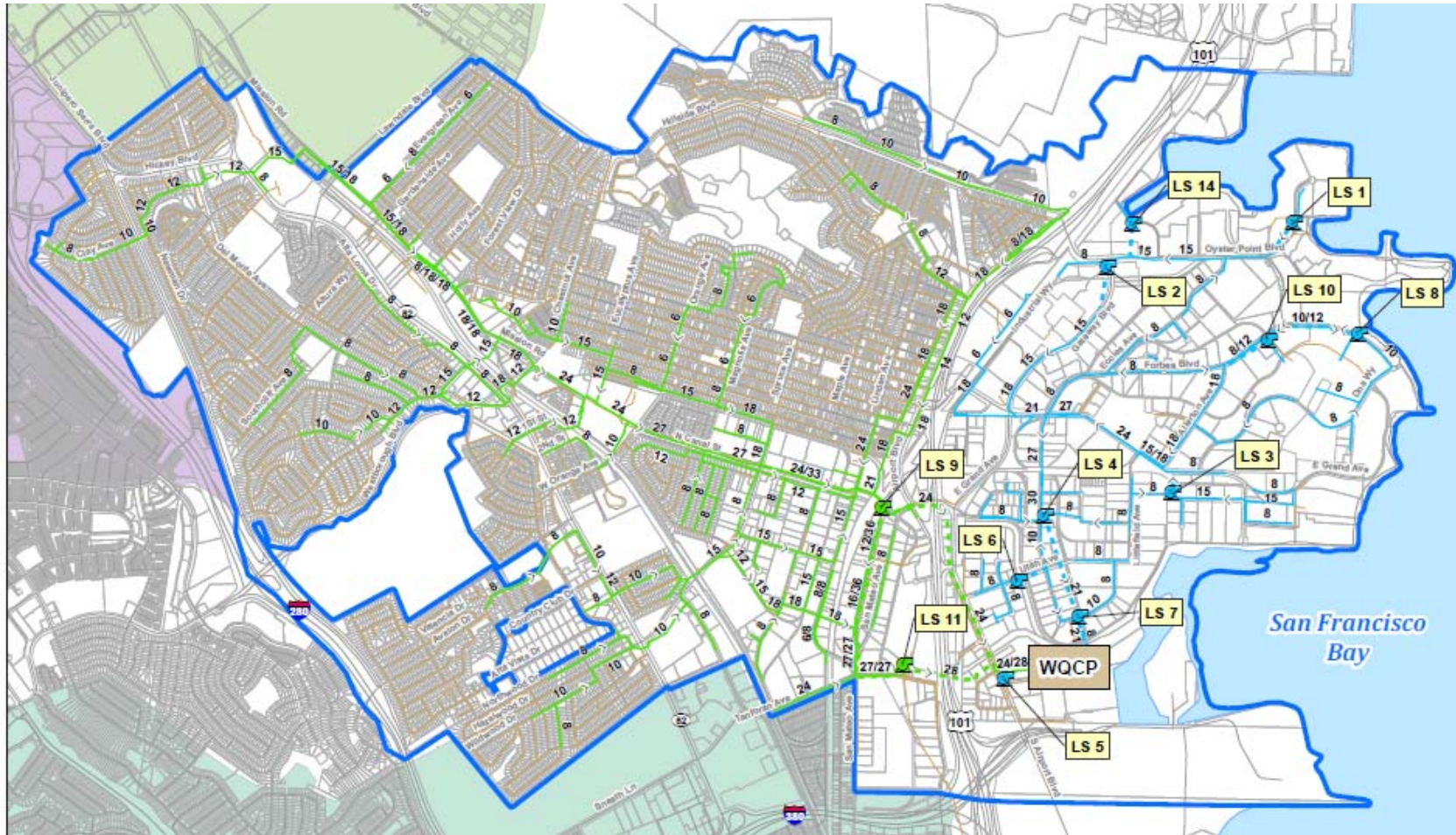
2020

South San Francisco -  
San Bruno Partnership





# Sewage Collection System



165 Miles of Sewer Line Connecting All of South San Francisco including Thirteen Major Sewage Pumping Stations



# Awarded Winning Team!



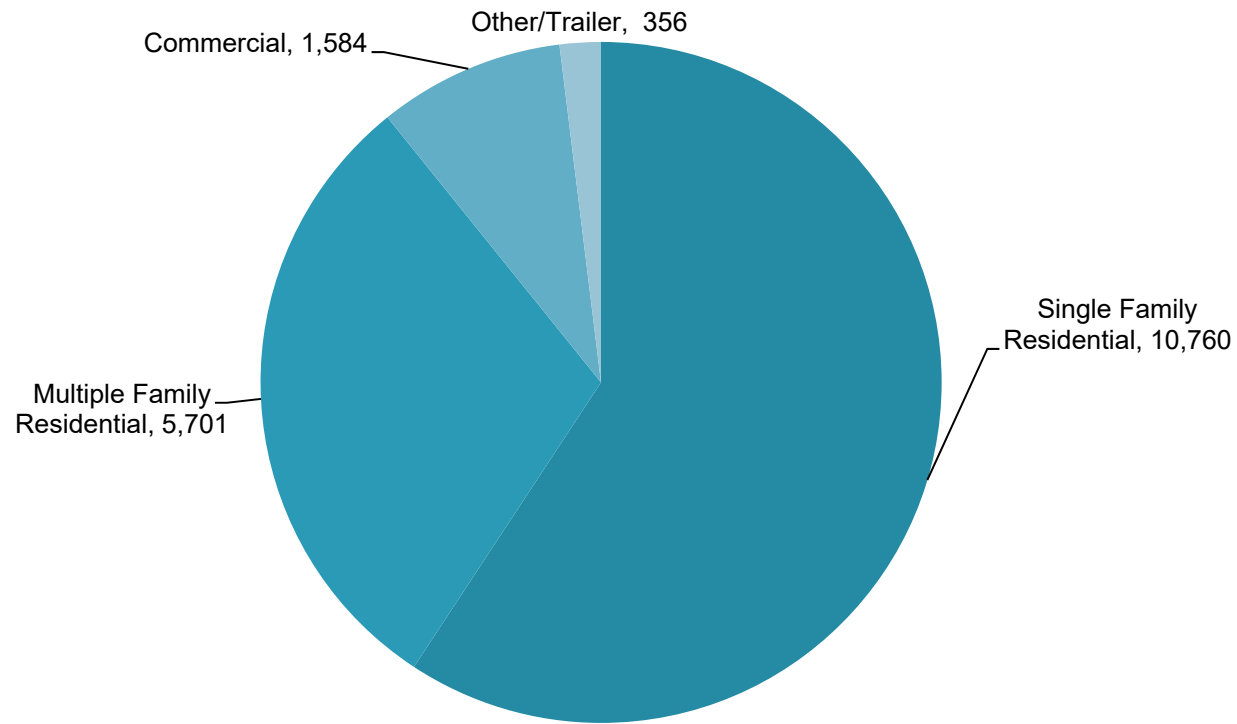
- **Recognized as California's 2020 Medium Sized Plant of the year for outstanding leadership, efficiency and innovation by the California Water Environment Association**



# 54 Full Time Wastewater Professionals Working 24 Hours/Day, 365 Days/Year

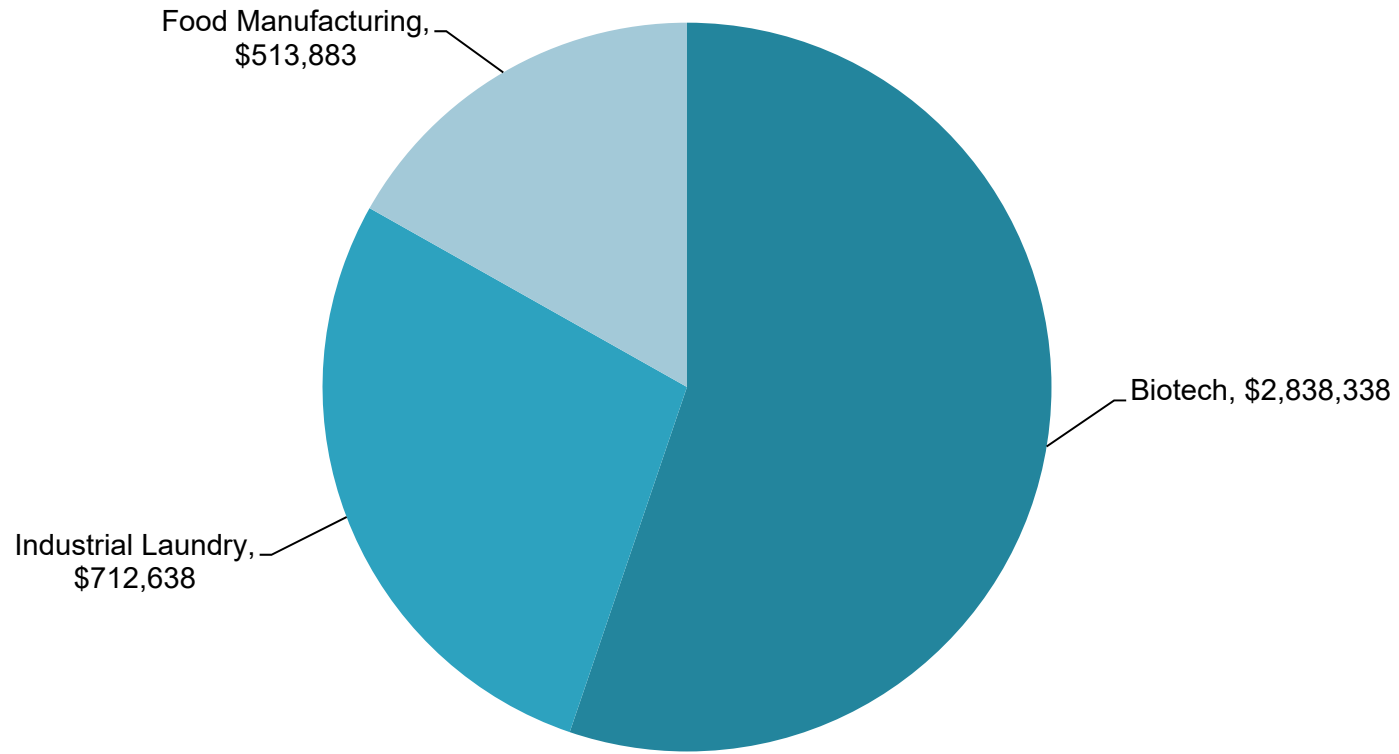


# 18,401 Sewer System Users



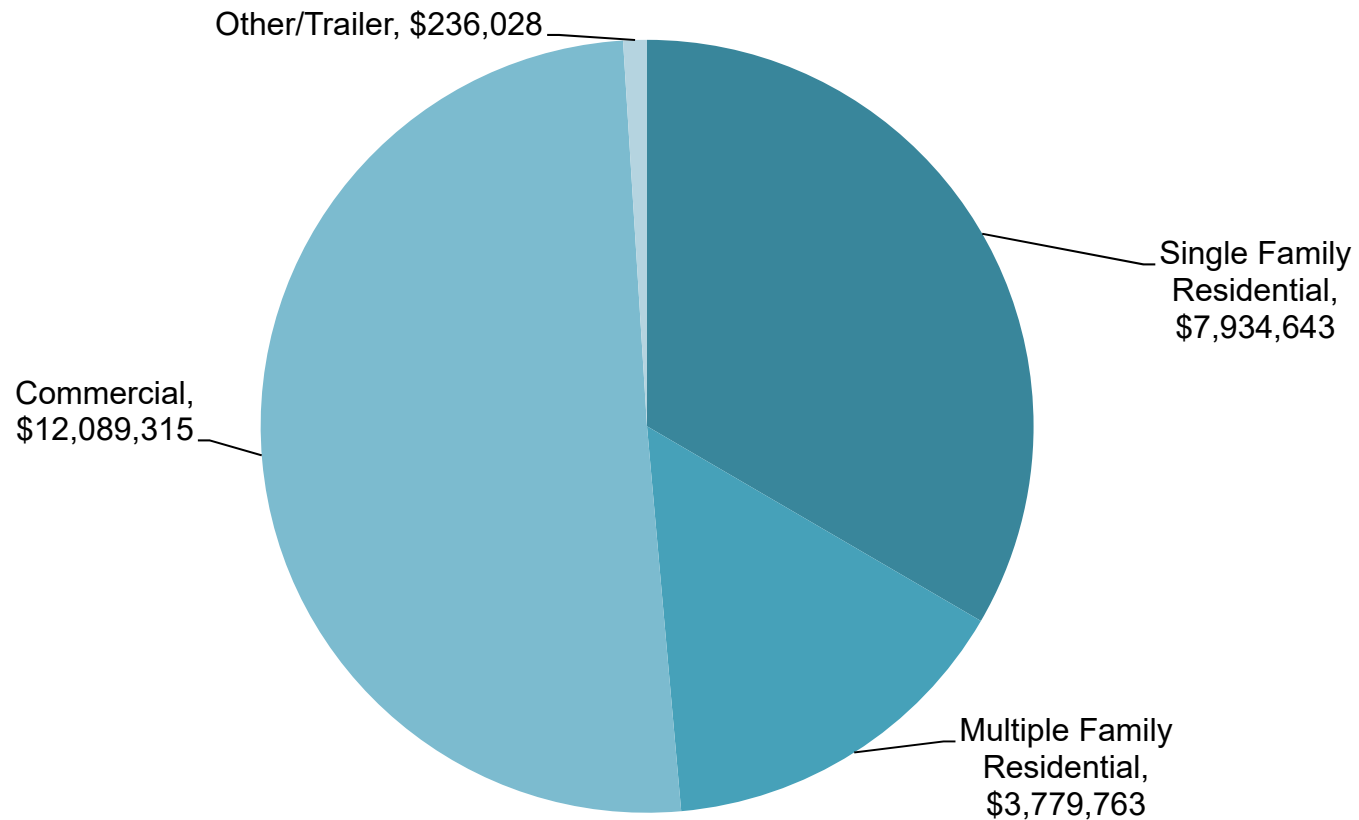


# Largest Industrial Users By Type





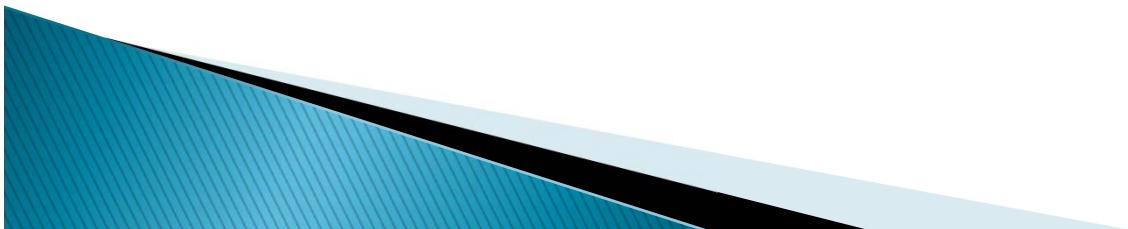
# Revenue By User Type FY 2020-21



**Residential Monthly Charge: \$61.58**  
**Commercial Monthly Avg. Charge: \$636.01**

# Regulatory Requirements

- ▶ Federal, State and County Regulations and Mandates
- ▶ Regional Water Quality Control Board
- ▶ Mandatory Continued Compliance



# Upgrades Required by New Mandates not New Development

- ▶ Mandates are not Related to Growth
- ▶ New Developments Pay Sewer Impact Fees





# Why Rate Increases are Required

- ▶ Comply with mandatory regulatory requirements
- ▶ Increase level of treatment and plant reliability
- ▶ Protect fragile San Francisco Bay ecosystem



# No Increase Recommended This Year

Staff is happy to report that the 2% increase is **not recommended** this year for two reasons.

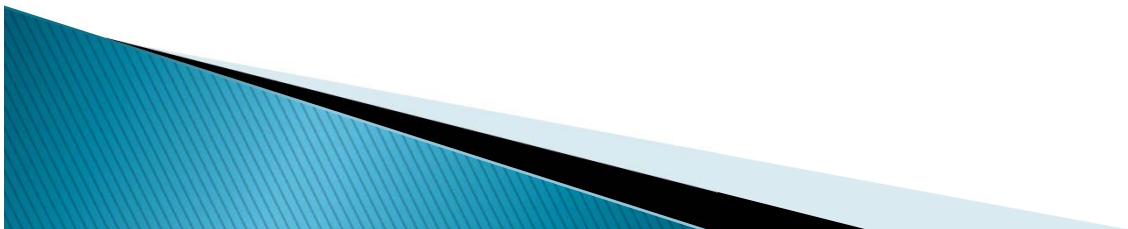
1. **Low-interest CWSRF funding** resulting in a lower interest rate on debt service; and
2. **4 million dollars in principal forgiveness.**
  - a. The CWSRF targets critical green infrastructure, energy efficiency improvements, and other environmentally innovative projects.



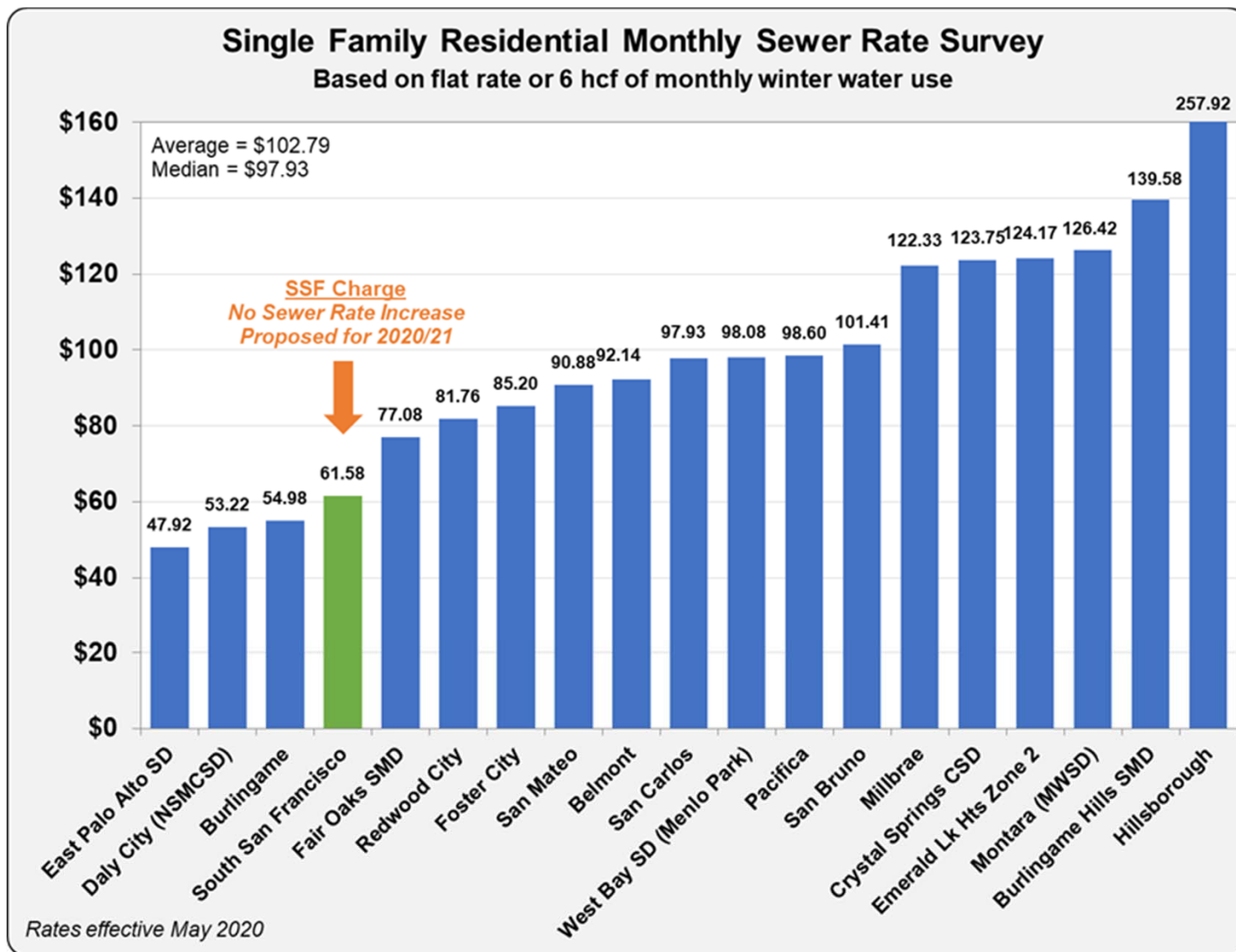
# Actual Sewer Rate Plan

	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>FY 2019-20</u>	<u>FY 2020-21</u>	<u>FY 2021-22</u>
<b>Single Unit Residential</b>	\$664.00 per EDU (13% Increase)	<b>\$724.00 per EDU (9% Increase)</b>	\$739.00 per EDU (2% Increase)	<b>\$739.00 per EDU (0% Increase)</b>	\$751.00 per EDU (2% Increase)
<b>Multi-Unit/Trailer Residential</b>	\$596.00 per EDU (13% Increase)	<b>\$650.00 per EDU (9% Increase)</b>	\$663.00 per EDU (2% Increase)	<b>\$663.00 per EDU (0% Increase)</b>	\$676.00 per EDU (2% Increase)
<b>Commercial*</b>	(13% Increase)	<b>(9% Increase)</b>	(2% Increase)	<b>(0% Increase)</b>	(2% Increase)

\*Minimum commercial rate is tied to Single Unit Residential



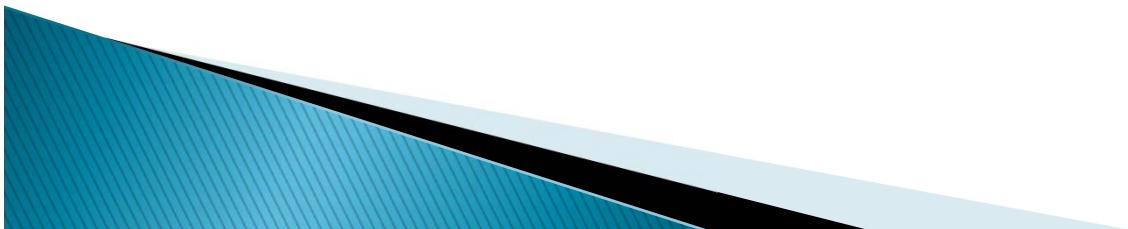




The City's residential sewer rates will remain among the lowest in San Mateo County

# Treatment Plant Infrastructure Investment

- ▶ Anaerobic Digester Replacement Project
- ▶ Improved Reliability
- ▶ Increased water quality





Digesters  
No. 1-3 and  
Control  
Buildings

N

100 ft





Storm Water Pump  
Station No.4

Convert Aeration Basins  
No. 1-4

Storm Water Pump  
Station No. 5

Process  
Improvements  
Switchgear  
Replacement

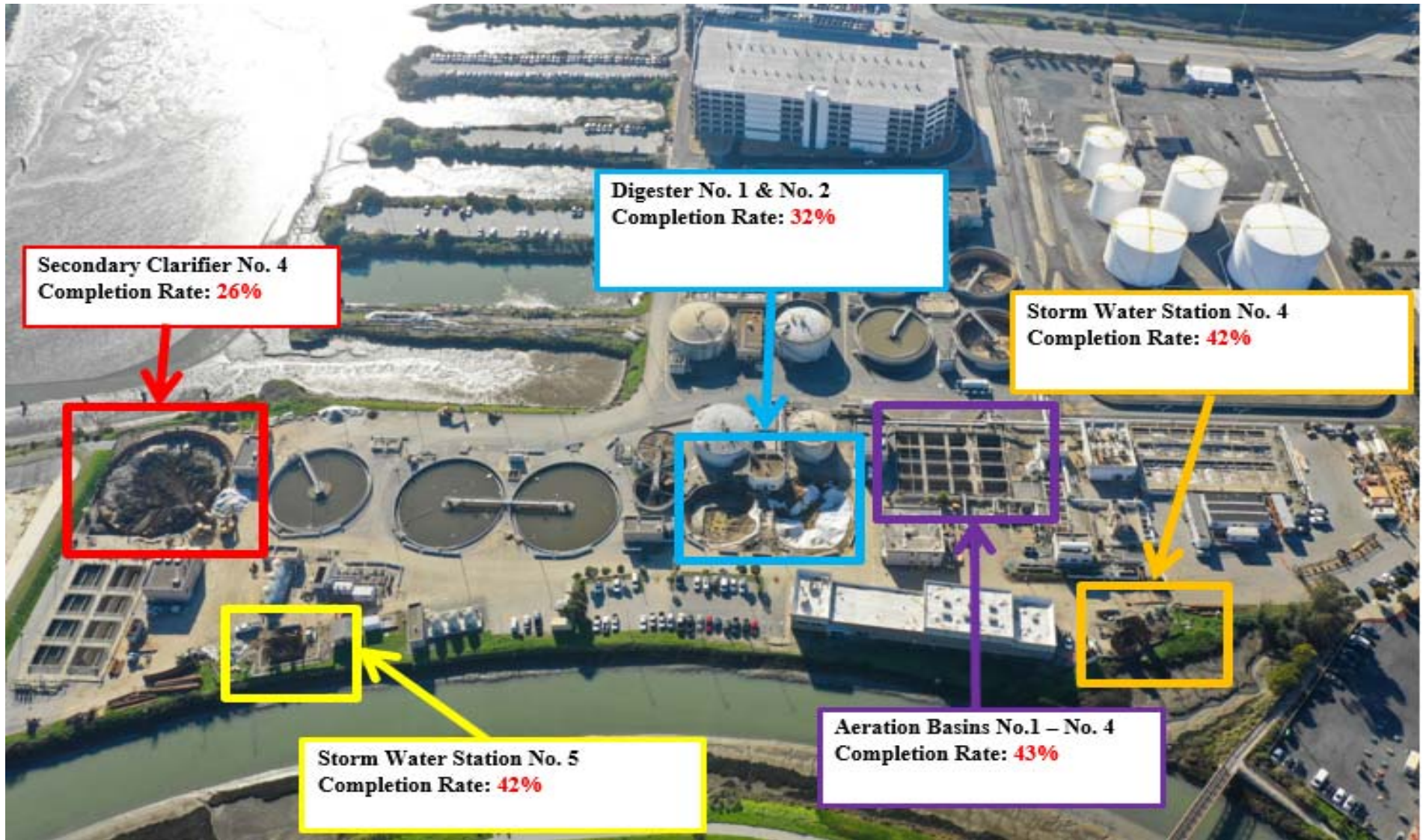
Raise Walls of Main  
Conveyance Channel

Rehabilitate

New  
Secondary  
Clarifier No. 4

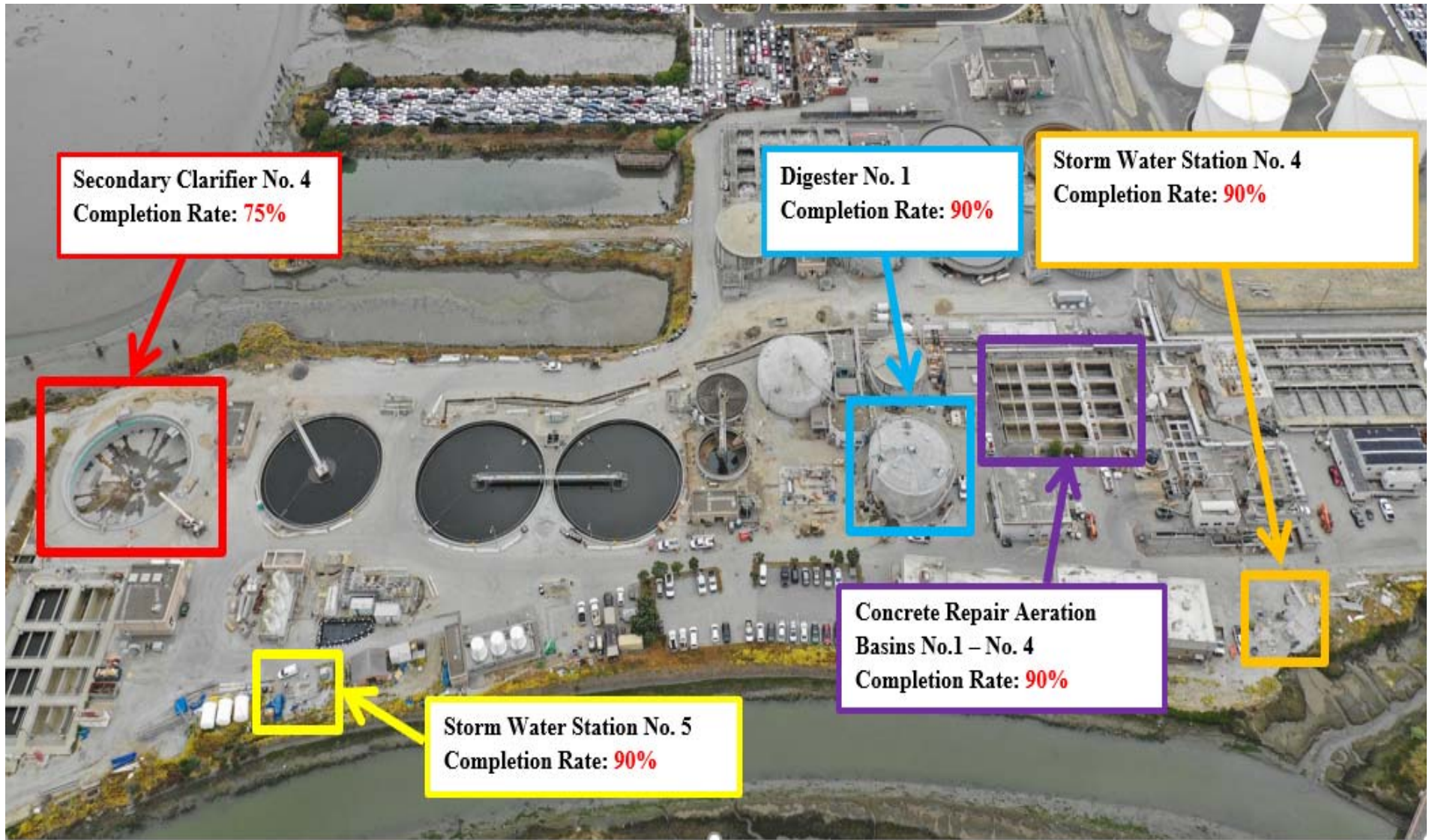
Process  
Improvements





2019

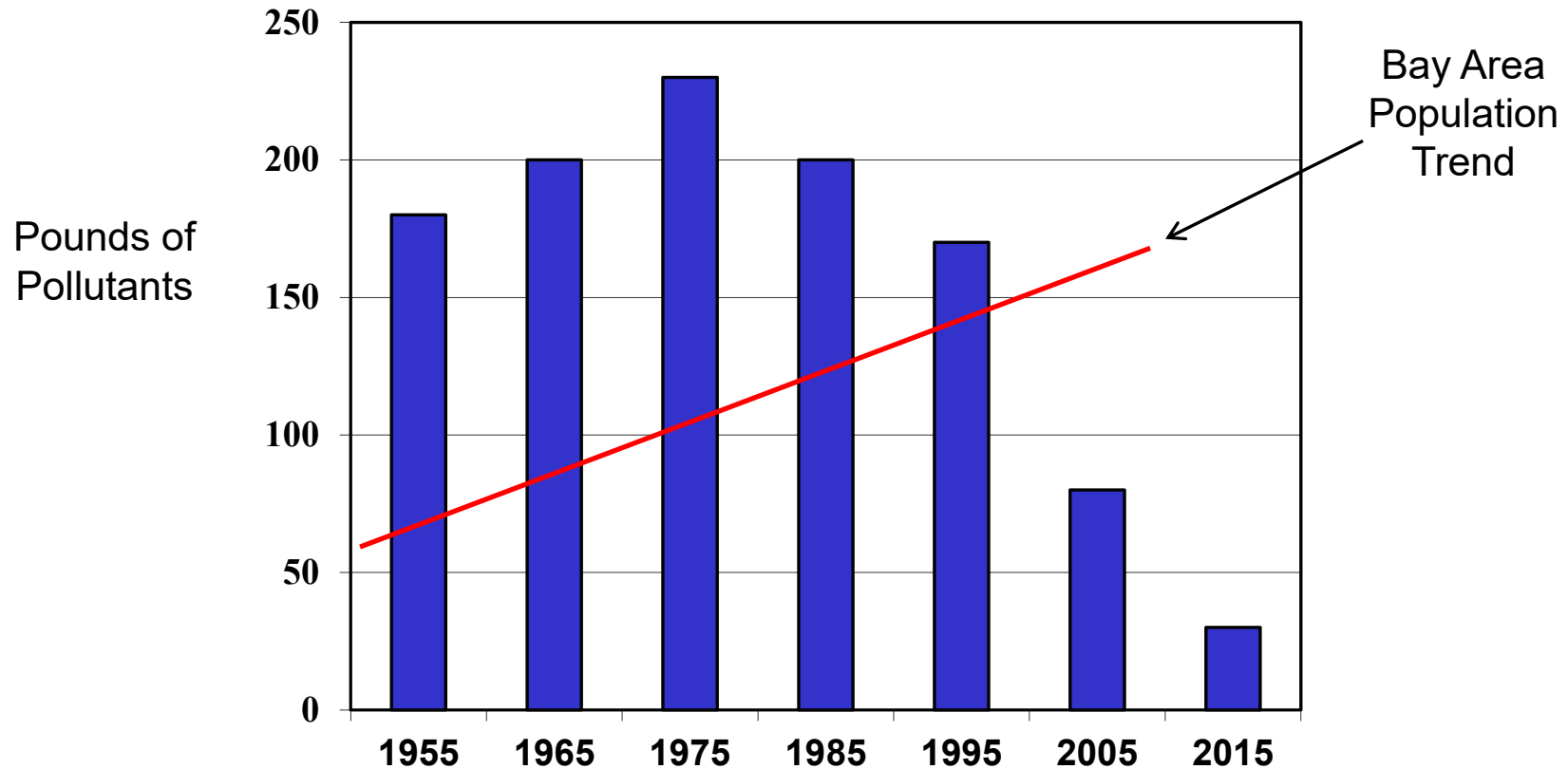




**2020**



# San Francisco Bay



Loadings of Pollutants to the Bay from Sewage treatment Plants vs Population





# Questions and Discussion