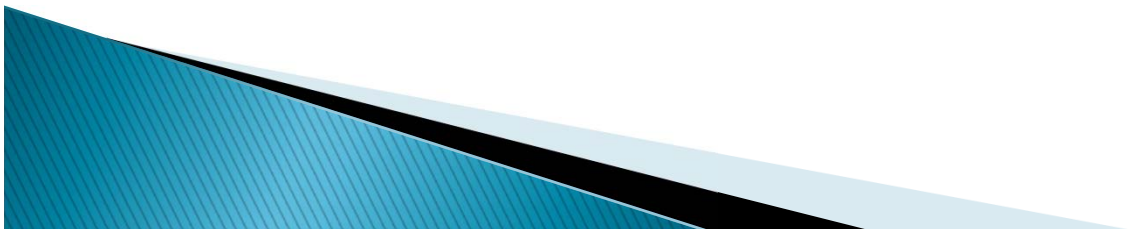




FY 2019-20

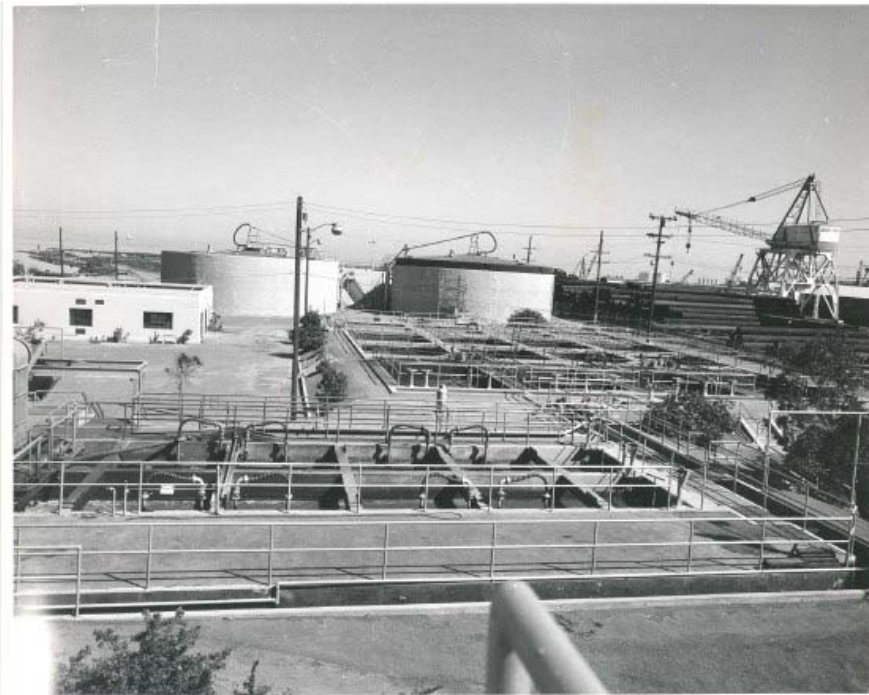
Proposed Sewer Rate Plan

City Council Meeting, June 12, 2019



Wastewater Treatment Plant

67 Years
of Continuous Operation

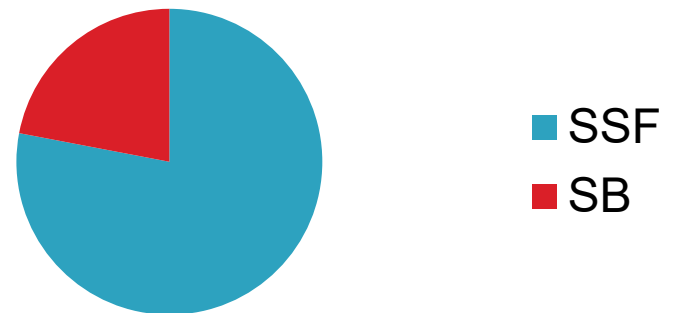


1952

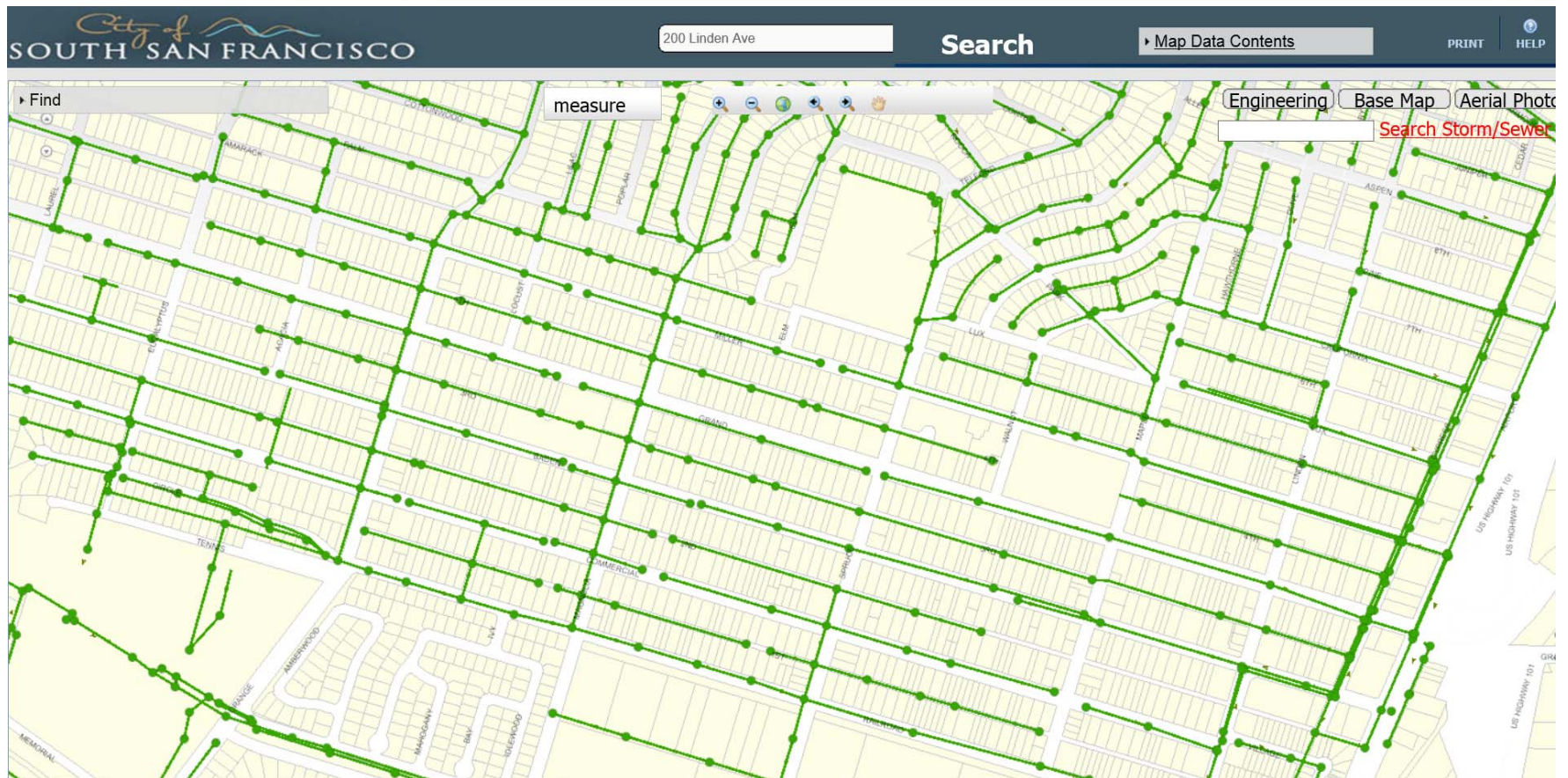


2019

South San Francisco -
San Bruno Partnership



Sewage Collection System

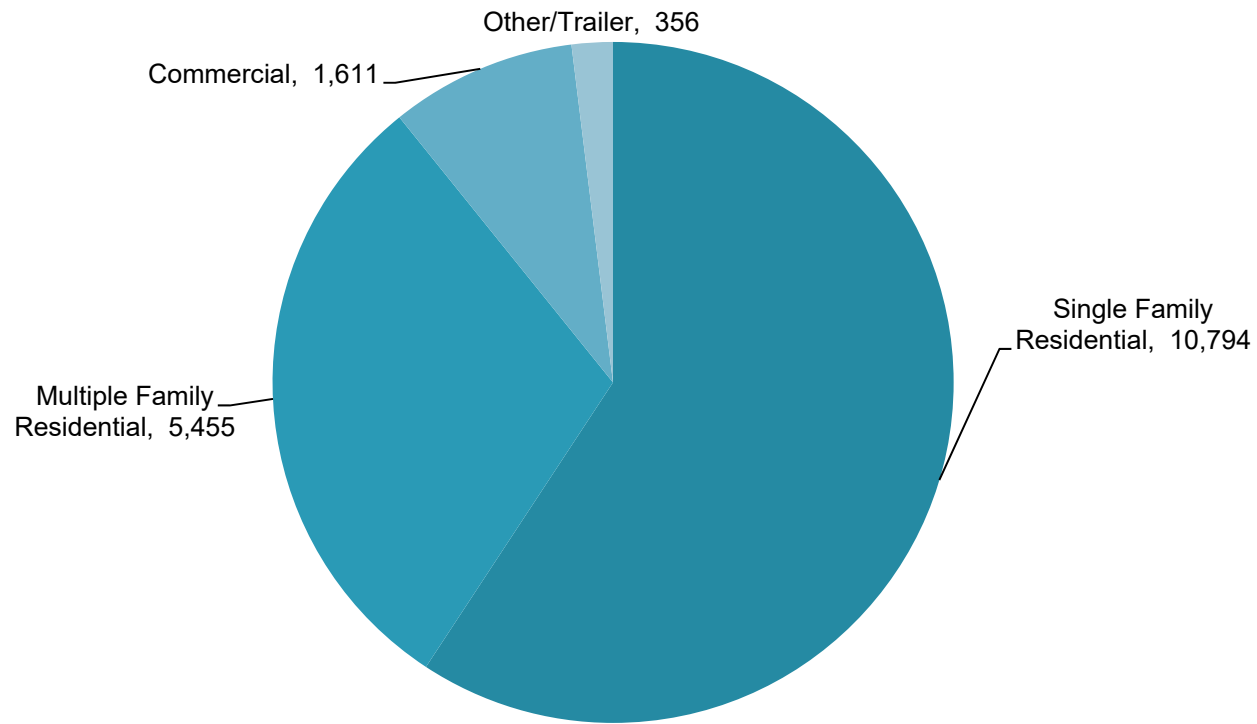


165 Miles of Sewer Line Connecting
All of South San Francisco

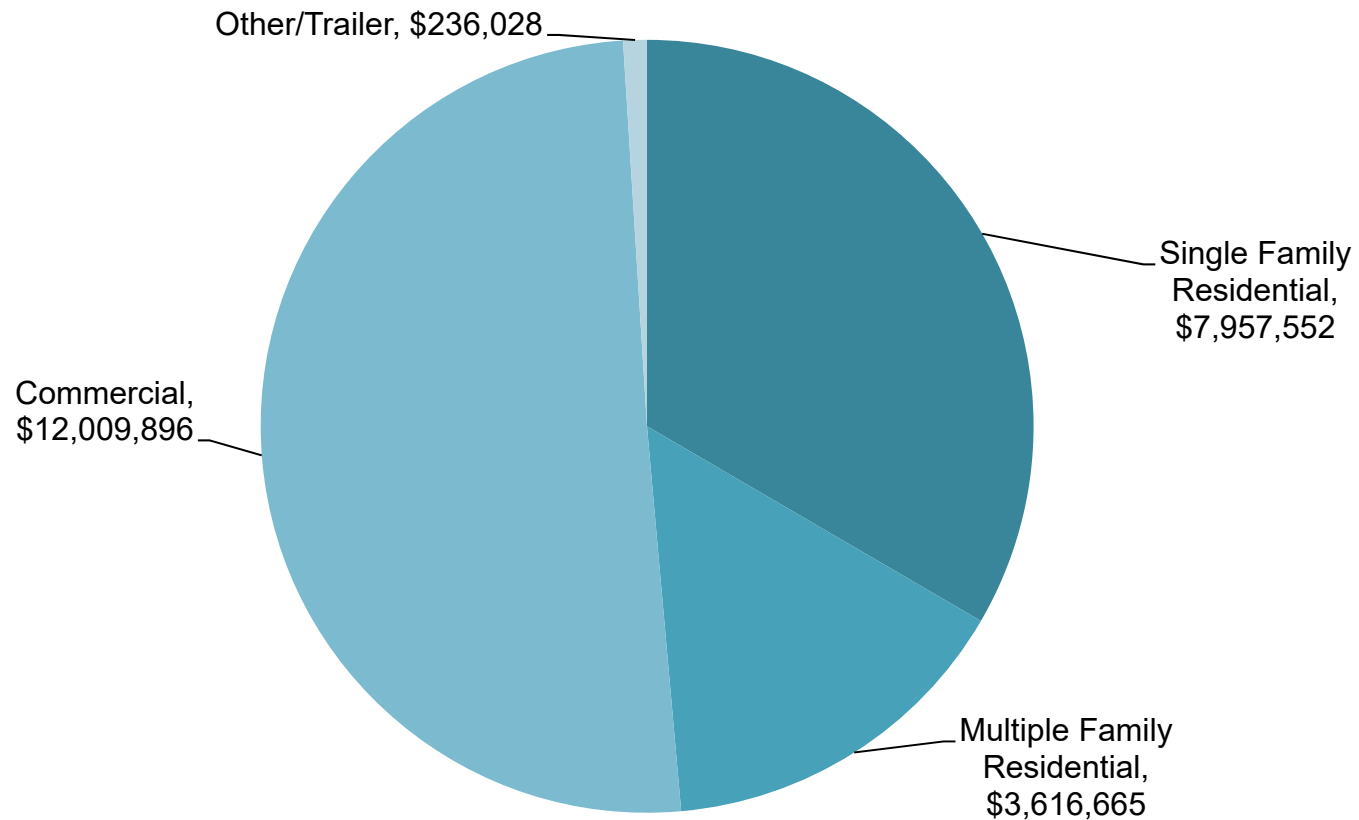
54 Full Time Wastewater Professionals Working 24 Hours/Day, 365 Days/Year



18,216 Sewer System Users

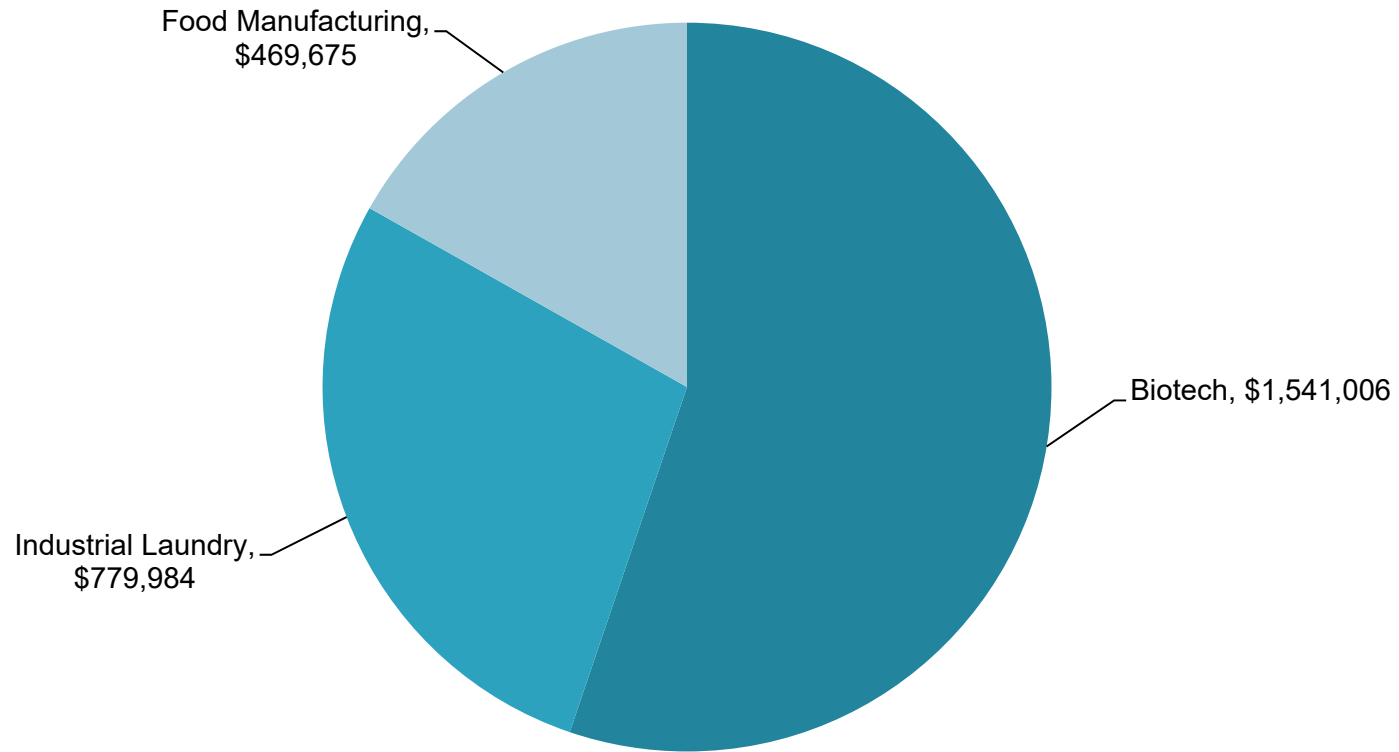


Revenue By User Type FY 2019-20



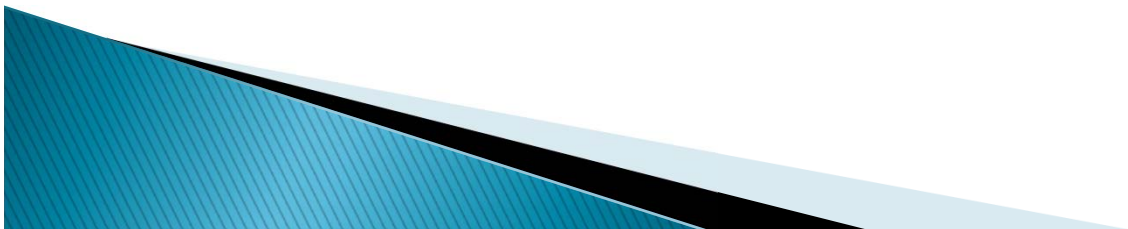
Residential Monthly Charge: \$61.58
Commercial Monthly Avg. Charge: \$621.24

Largest Industrial Users By Type



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

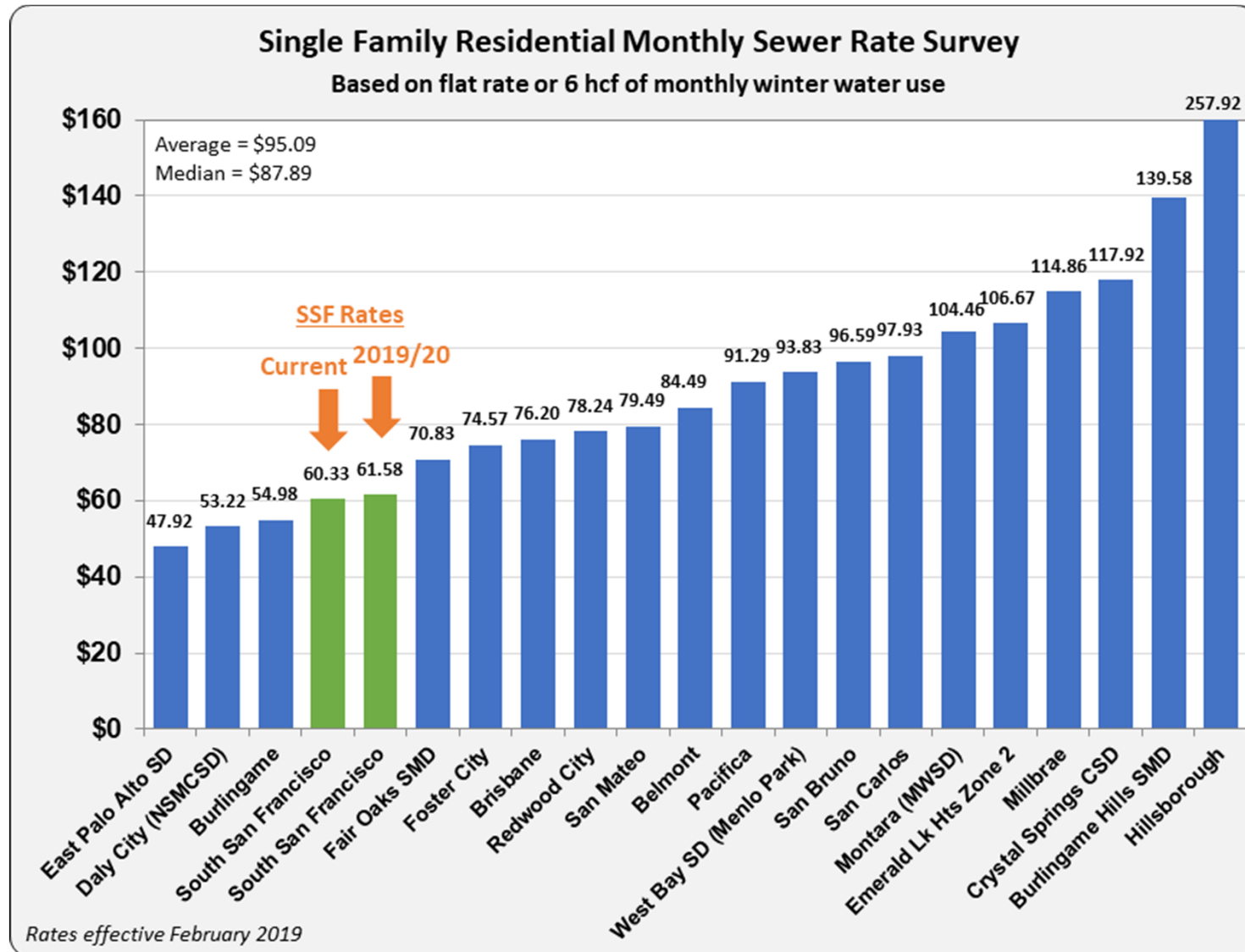
- ▶ Mandates are not Related to Growth
- ▶ New Developments Pay Sewer Impact Fees



Sewer Rate Plan – Total Annual Cost

	<u>FY 2016-17</u>	<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>
Single Unit Residential	\$588.00 per EDU	\$664.00 per EDU (13% Increase)	\$724.00 per EDU (9 % Increase)	\$739.00 per EDU (2% Increase)	\$753.00 per EDU (2% Increase)	\$769.00 per EDU (2% Increase)
Multi-Unit/Trailer Residential	\$527.00 per EDU	\$596.00 per EDU (13% Increase)	\$650.00 per EDU (9% Increase)	\$663.00 per EDU (2% Increase)	\$676.00 per EDU (2% Increase)	\$690.00 per EDU (2% Increase)
Commercial*	Varies by Industry	(13% Increase)	(9 % Increase)	(2% Increase)	(2% Increase)	(2% Increase)

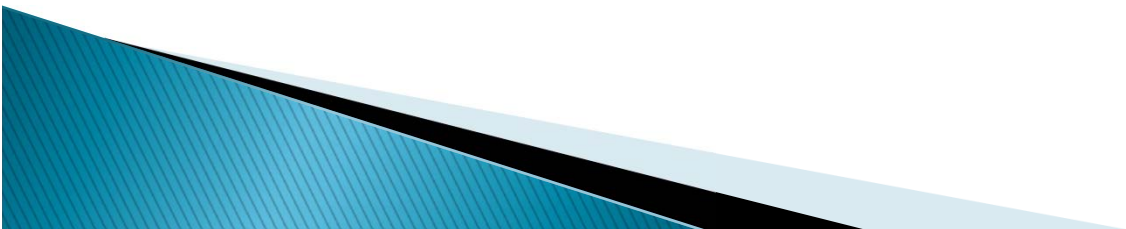
*Minimum commercial rate will be tied to Single Unit Residential



**Fourth Lowest Monthly Rate
in San Mateo County**

Help for Income Restricted Users

- ▶ New Program to Rebate Portion of Sewer Fees for Income Restricted Users
- ▶ \$76 rebate for qualified residents
- ▶ Residents Enrolled Cal-Water Assistance Program
- ▶ Approved by City Council May, 23 2018



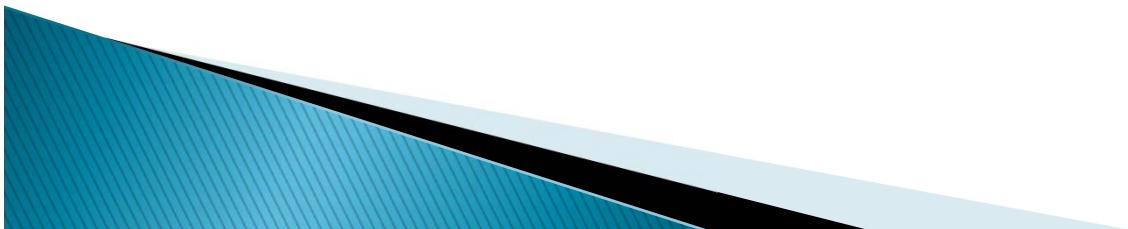
Why Rate Increases are Required

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



Treatment Plant Capital Improvement Projects

- ▶ Anaerobic Digester Replacement Project
- ▶ Improved Reliability and Increase the Level of Treatment





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

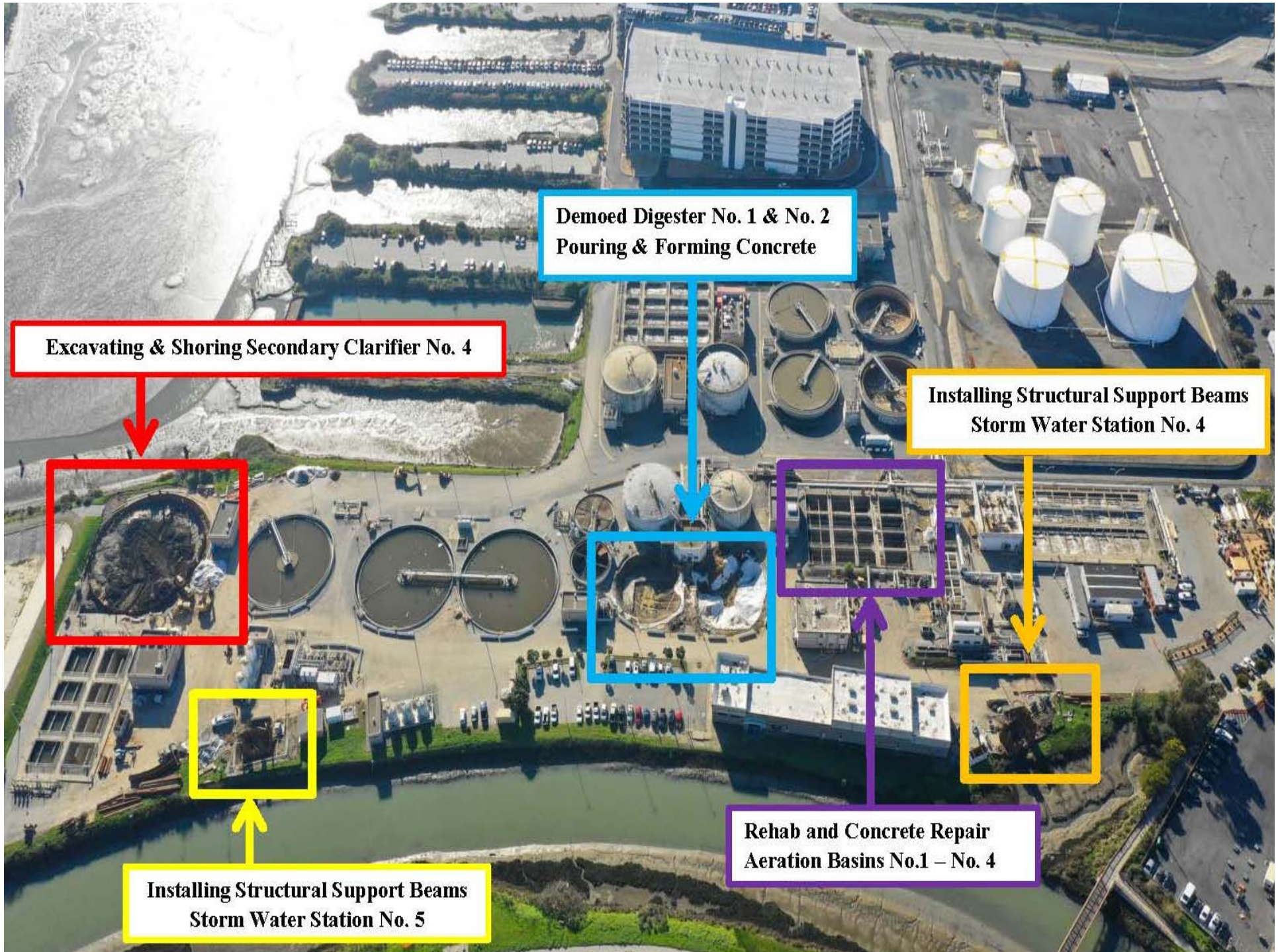
Process
Improvements
Switchgear
Replacement

Raise Walls of Main
Conveyance Channel

Rehabilitate

New
Secondary
Clarifier No. 4

Process
Improvements



**Demoed Digester No. 1 & No. 2
Pouring & Forming Concrete**

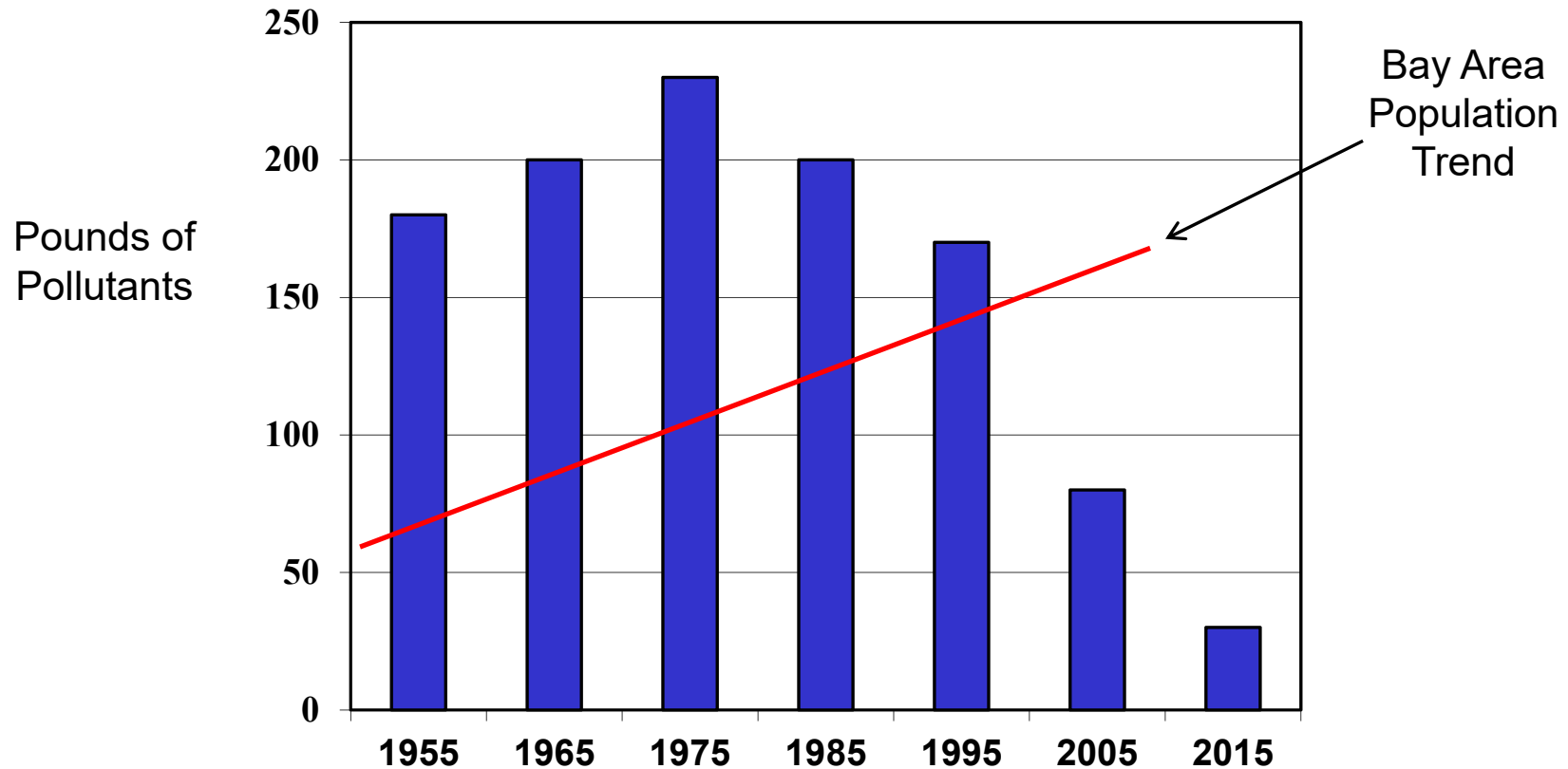
Excavating & Shoring Secondary Clarifier No. 4

**Installing Structural Support Beams
Storm Water Station No. 4**

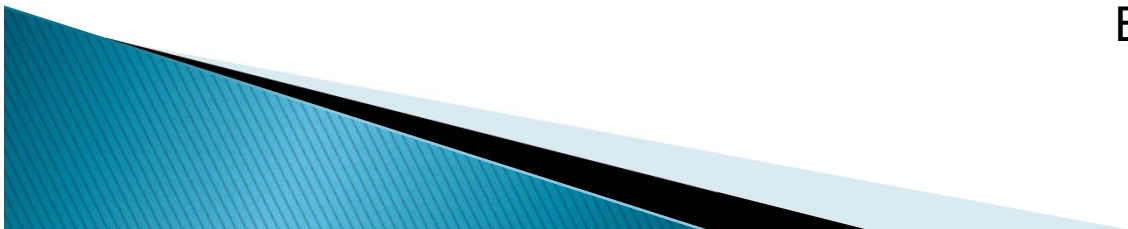
**Installing Structural Support Beams
Storm Water Station No. 5**

**Rehab and Concrete Repair
Aeration Basins No.1 – No. 4**

San Francisco Bay



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





Questions and Discussion