

PROPERTY OWNERS MEETING SEWER SERVICE RATES

**Harbor Industrial Sewer Maintenance District
(District)**

*San Carlos Library
610 Elm Street, 2nd Floor
San Carlos, CA*

*May 16, 2018
6:30 P.M.*

Department of Public Works



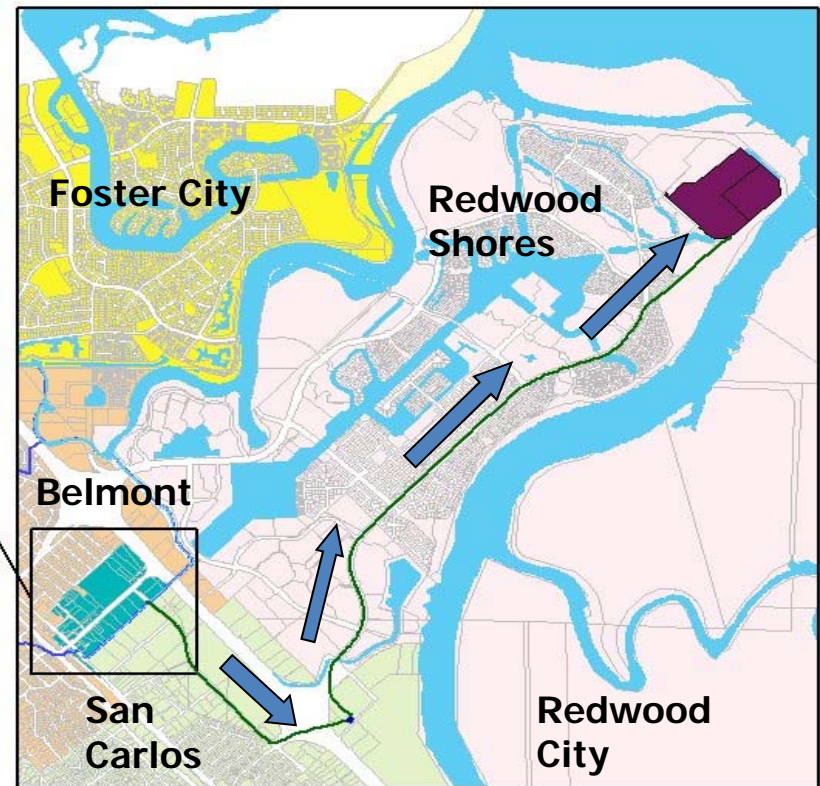
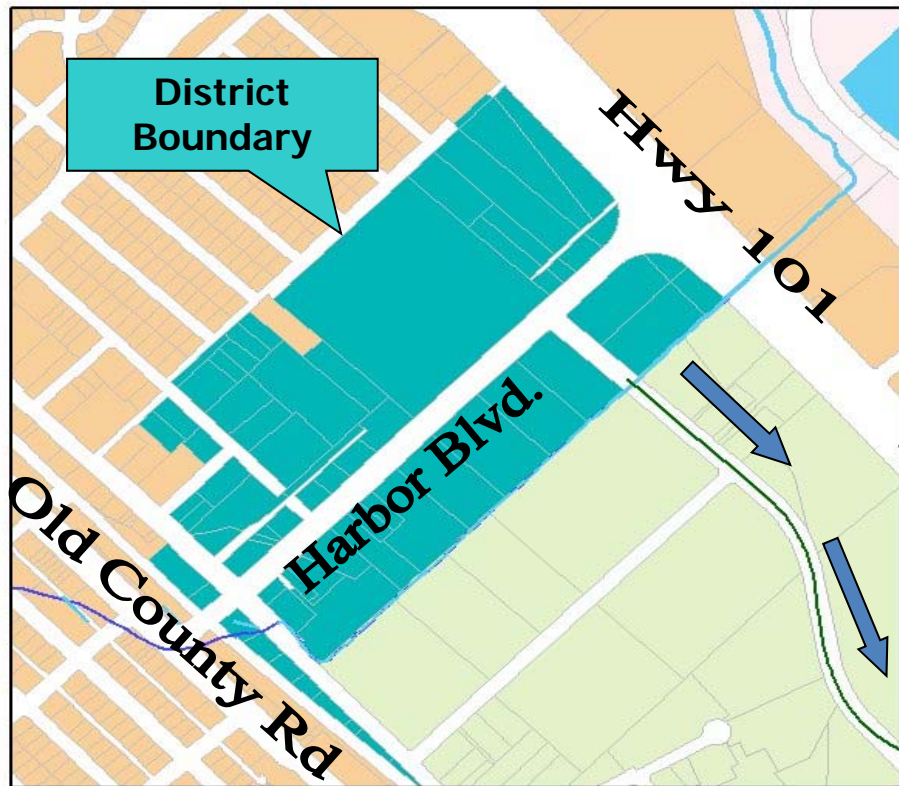
OVERVIEW OF TONIGHT'S MEETING

- ***District Information***
- ***District Funding***
- ***Programs, Services and Compliance***
- ***Elements of the Sewer Service Rates***
 - ***In District Costs***
 - ***Out of District Costs***
- ***Rate Options for Consideration***
- ***Rate Setting Timeline***
- ***Questions and Comments***



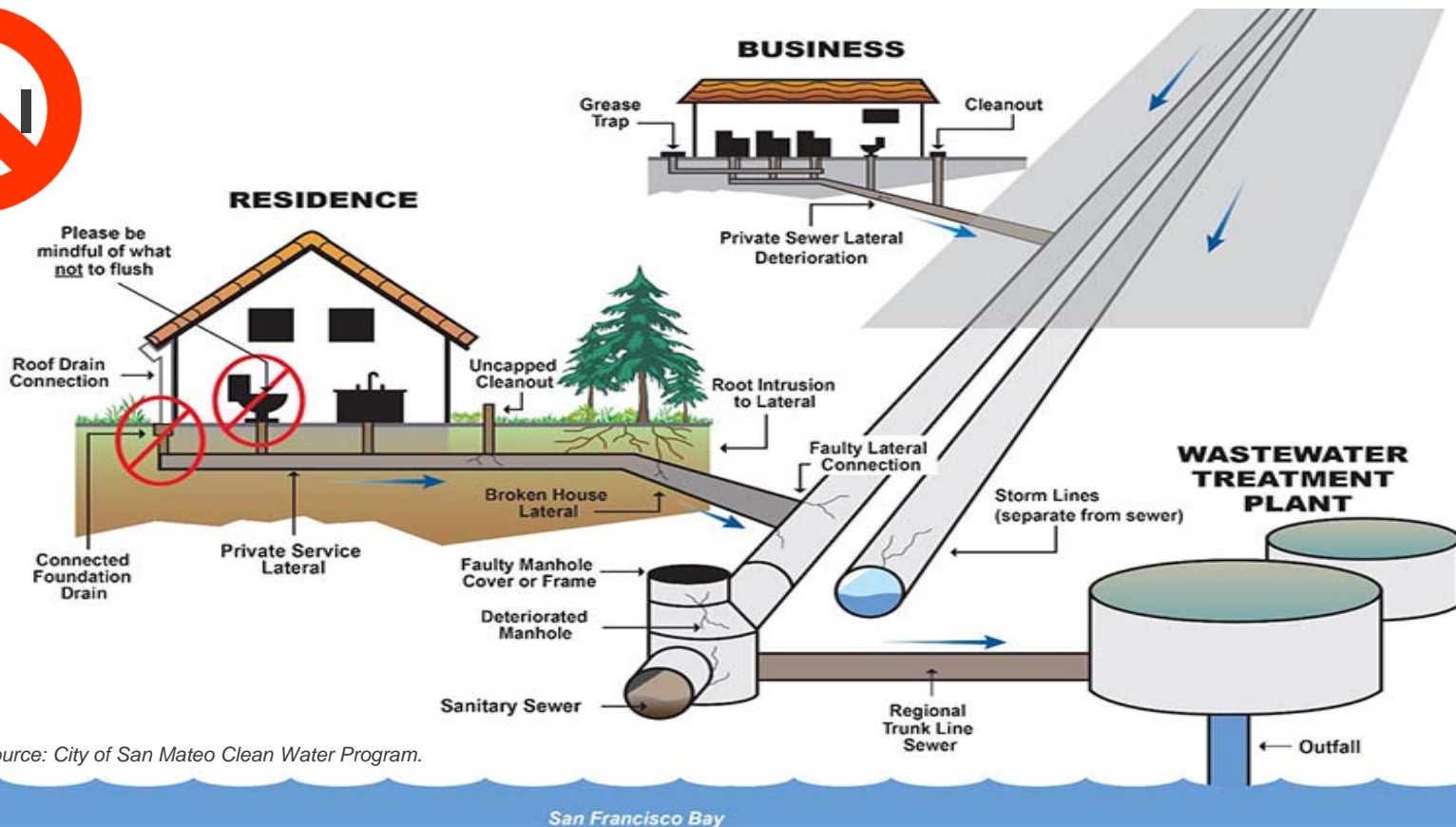
DISTRICT INFORMATION

SEWAGE FLOWS THROUGH CITY OF SAN CARLOS TO THE SILICON VALLEY CLEAN WATER (SVCW) TREATMENT PLANT IN REDWOOD SHORES FOR TREATMENT



DISTRICT INFORMATION – HOW DOES A SEWER SYSTEM WORK?

EACH DISTRICT RELIES ON DOWNSTREAM AGENCIES TO TRANSPORT SEWAGE COLLECTED BY THE DISTRICT TO THE TREATMENT PLANT



Source: City of San Mateo Clean Water Program.

DISTRICT SPECIFIC STATISTICS

District	Age (Years) *	Number of Connections **	Equivalent Residential Units**	Downstream Transport Agency	Treatment Facility
Harbor Industrial Sewer Maintenance District	67	63	242	City of San Carlos	Silicon Valley Clean Water (SVCW)

** Age based on District formation date*

*** Based on 2017-18 Sewer Service Charge Report*

District	Miles of Pipe (Feet)	Percentage of Pipe in Easements	Percentage of Pipe in Streets
Harbor Industrial Sewer Maintenance District	0.9 (4,750 feet)	15.80%	84.20%

SEWER/SANITATION DISTRICTS IN COUNTY GOVERNMENT

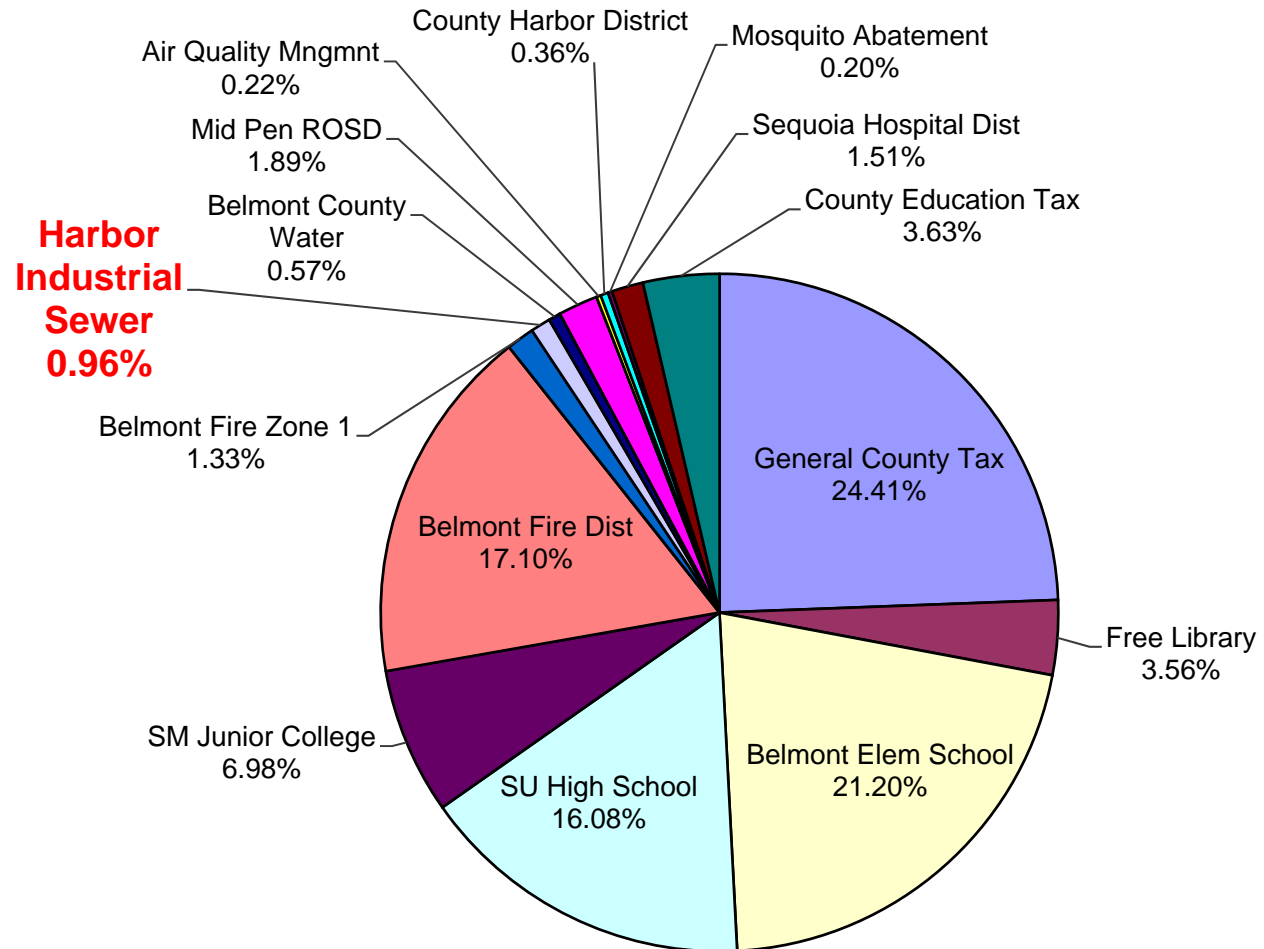
EACH DISTRICT IS AN INDEPENDENT ENTITY WITH ITS OWN SEPARATE BUDGET

- Each District's Governing Board is the Board of Supervisors
- The District receives Sewer Service Charges and limited property taxes within the District boundaries to fund sewer service
- The Sewer Service Charges are a Fee For Service, Not a Tax
- The District collects Sewer Service Charges on the Tax Bill because it is least costly way to collect the fee



WHERE DOES MY PROPERTY TAX MONEY GO?

HISMD Sample Property Tax Allocation (TRA 053-017)



Note: HISMD allocation of a portion (0.96%) of the property tax is approximately \$9,000 per year.



PROGRAMS, SERVICES AND COMPLIANCE

- ***Study to evaluate options for implementing sewer service rates with special consideration for low-income or mobile home park residents (as directed by Board of Supervisors in July 2017):***
 - a) ***Reduced rates for low-income customers must not be subsidized by other rate payers within the district; Board of Supervisors must define program and provide funding from other unrestricted sources.***
 - b) ***Preliminary findings indicate mobile home park units generally use less water than single family dwellings.***
- ***Sanitary Sewer Overflow (SSO) Response, Reporting, Water Quality Monitoring, and Public Awareness Program***
- ***Continue to provide 24/7 emergency response to clear blockages in private laterals***

PROGRAMS, SERVICES AND COMPLIANCE

SANITARY SEWER OVERFLOWS (SSO)

District	2012	2013	2014	2015	2016	2017	2018 (to date)
HISMD	0	0	0	0	0	0	0

There have been no sanitary sewer overflows for the past 6 years.

Closed circuit television inspection of the entire District's sewer mains was completed in 2017.

Preventative maintenance on District sewer mains is being performed at frequencies ranging from 12 to 18 months, depending on conditions.




**The toilet is only meant
to flush the three P's—
pee, poop and paper.**


PROGRAMS, SERVICES AND COMPLIANCE

POLLUTION PREVENTION/PUBLIC AWARENESS PROGRAM


Be Sewer Savvy:
Notes, tips & tricks to help keep your sewer pipes in tip-top shape.

- ✓ Protect your home
- ✓ Protect your business
- ✓ Avoid costly repairs





And prevent water pollution, too!



AVOID SEWER BACKUPS AND OVERFLOWS BY KEEPING TRASH OUT OF YOUR TOILET



Did you know?
Chemical wipes, baby wipes and facial wipes are one of the biggest causes for clogged sewer pipes. They are not designed to be flushed. They are not 'flushable' or 'biodegradable'. They should NEVER be flushed. They belong in the trash.

Flush ONLY toilet paper. Put trash in the trash can.
For more information please visit our website at www.smcgov.org/sewers or call us at 650-363-4100.

WHEN IT COMES TO GARBAGE, IT BELONGS IN THE TRASH.

Your district are not trash cans. The waste from your home or business (kitchen, dining, kitchen, etc.) eventually ends up into one of the most beautiful parts of our community, the San Francisco Bay.

Throwing anything other than toilet paper down the drain can cause sanitary sewer overflows (SSOs) and will severely impact our plumbing system, the sewer system, and the processes in the treatment plant.

PROPERLY DISPOSING OF YOUR WASTE WILL HELP PROTECT PUBLIC HEALTH AND THE ENVIRONMENT.

For more information about Sanitary Sewer Pollution Prevention visit the San Mateo Countywide Waste Reduction Program (SMCWPRP) www.smcgov.org

Department of Public Works
127 County Center, 10th Fl.
Redwood City, CA 94063
(650) 363-4100

San Mateo County Sewer Maintenance Districts:
Burlingame Hills Sewer Maintenance District
Crystal Springs County Sanitation District
Denville County Sanitation District
Edgewood Sewer Maintenance District
Emerald Lake Heights Sewer Maintenance District
Fair Oaks Sewer Maintenance District
Harbor Industrial Sewer Maintenance District
Kensington Square Sewer Maintenance District
Oak Knoll Sewer Maintenance District
Sonic Heights County Sanitation District

www.co.sanmateo.ca.us/sewers

**RETHINK WHAT YOU FLUSH...
FLUSH GREEN**



PROTECTING WATER QUALITY STARTS WITH EACH OF US

Understanding Your Sewer System and What You Pay For

Para obtener una copia de este folleto en Español, favor de llamar al (650) 599-1443


What Is a Sanitation/Sewer District?
A sanitation/sewer district is a Special District formed for a specific area to provide sewer service to the properties within the district boundary. Each sanitation/sewer district has its own budget with money collected from the district and spent within the district. While the Board of Supervisors serves as the Governing Board for the sanitation/sewer districts operated by the County of San Mateo, the districts are separate legal entities from the County of San Mateo.

What Is Sewer Services?
Sewer service includes sewer system operation and maintenance, emergency response, construction of new sewer pipes or replacement of sewer pipes within the districts, and complying with regulatory requirements. The districts are also responsible for paying its share for sewage treatment and disposal, construction projects that carry sewage from the districts to the wastewater treatment plant and construction projects at the treatment plants. The wastewater generated from properties with the district is carried in the district sewer pipes to the sewer pipes maintained by the downstream agency, and travels to the wastewater treatment plant.

This information is being provided to inform you of the importance of a reliable sewerage system. Proper maintenance of the sewer system helps protect the environment, minimizes the chances of sewer backups or service disruptions, and minimizes overall sewer system costs.

COUNTY MAINTAINED DISTRICTS:
Burlingame Hills Sewer Maintenance District
Crystal Springs County Sanitation District
Denville County Sanitation District
Edgewood Sewer Maintenance District
Emerald Lake Heights Sewer Maintenance District
Fair Oaks Sewer Maintenance District
Harbor Industrial Sewer Maintenance District
Kensington Square Sewer Maintenance District
Oak Knoll Sewer Maintenance District
Sonic Heights County Sanitation District

For more information, contact the Public Works Department at (650) 363-4100, between 8 a.m. and 5 p.m. Monday through Friday or go to www.co.sanmateo.ca.us/sewers



PROGRAMS, SERVICES AND COMPLIANCE

REGULATORY COMPLIANCE:

- ***State Water Resources Control Board***
 - ***Development and continuous updating of Sewer System Management Plan (SSMP)***
 - ***Reporting to State Office of Emergency Services certain types of SSO's within 2 hours***
 - ***Sampling of water within 48 hours when SSO enters a creek or stream***
 - ***Training maintenance staff on SSO response***
- ***San Francisco Bay Regional Water Quality Control Board (Regional Board)***
 - ***Inspection of restaurants and food service establishments for proper fats, oils, and grease (FOG) disposal***



DISTRICT EXPENSES

IN DISTRICT COSTS:

- ***Operation and Maintenance***
- ***Regulation Compliance***
- ***District Projects***



OUT OF DISTRICT COSTS:

- ***Sewage Transport and Treatment***
- ***Downstream Agency Capital Improvement Projects***



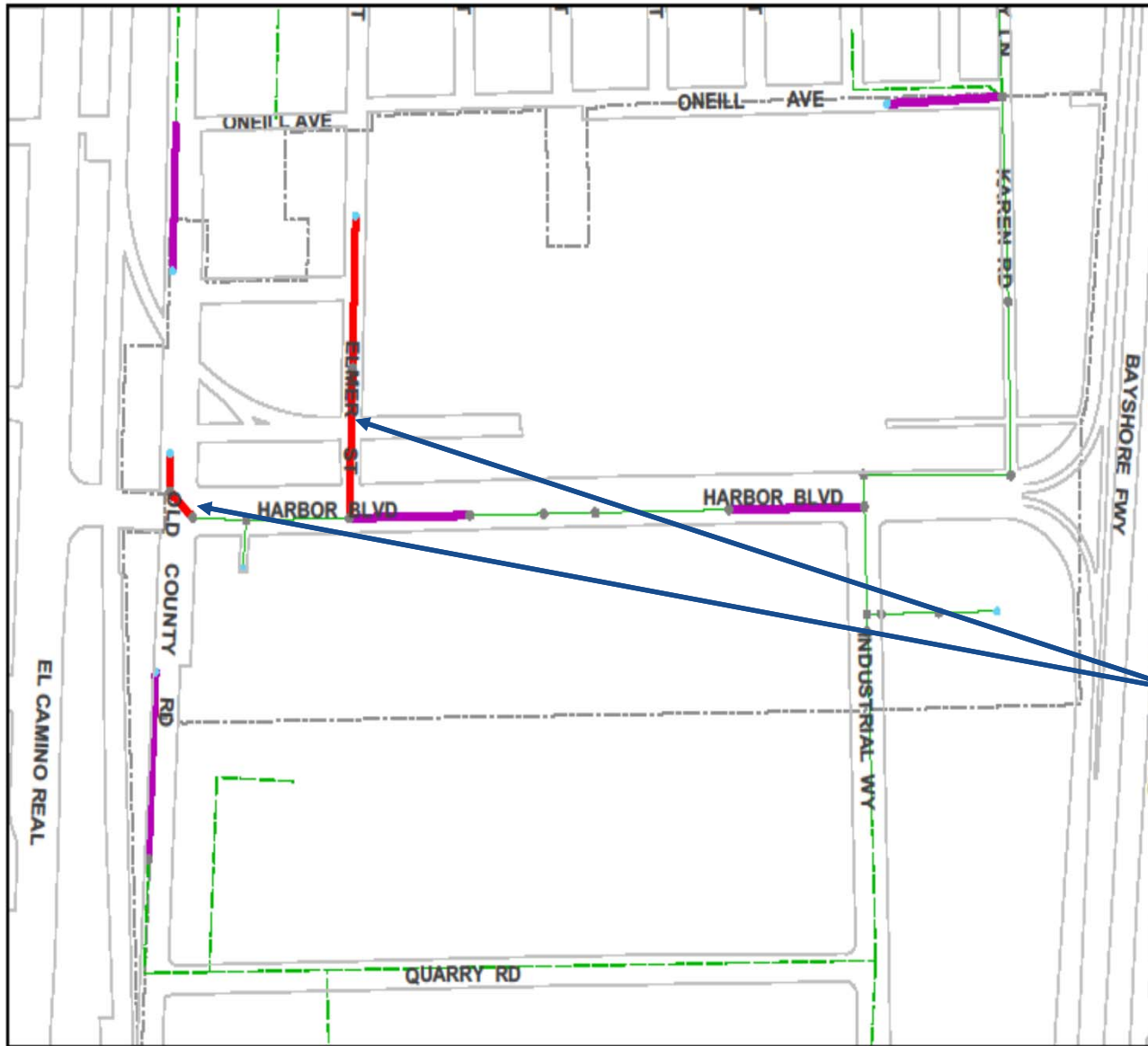
ELEMENTS OF THE SEWER SERVICE RATES **– CAPITAL IMPROVEMENT PROJECTS (CIP)**

HIGH PRIORITY CIPS IDENTIFIED THROUGH CONDITION ASSESSMENTS

- ***Improvements are recommended based on the following:***
 - ***Lack of capacity in pipe***
 - ***Excessive maintenance costs***
 - ***Structural defects in pipe***

- ***Portions of your Sewer Service Charges collected are used to pay for improvements.***





Recommended Capital Improvement Projects

Old County Rd. and
Elmer St. Projects
currently in design for
construction in 2018

PRIORITY OF CAPITAL IMPROVEMENT PROJECTS:

<u>Project Location</u>	<u>Estimated Cost</u>
<u>Currently in Design</u>	
Elmer St (~ 620 feet)	\$173,300
Old County Rd (~ 160 feet)	\$43,600
Subtotal	\$216,900
<u>Future Projects</u>	
Harbor Blvd (~ 630 feet)	\$174,000
Old County Rd (~ 690 feet)	\$191,600
Oneill Ave (~280 feet)	\$76,600
Subtotal	\$442,200
Total Cost to Replace ~ 2,380 feet of Pipe (50% of District mains)	\$659,100

ELEMENTS OF THE SEWER SERVICE RATES **– OUT OF DISTRICT COSTS**

PAYING FOR SEWAGE TRANSPORT, TREATMENT, AND DISPOSAL

- ***Agreement with the City of San Carlos for sewage transport through City pipes with treatment and disposal at the SVCW***
- ***Harbor Industrial SMD pays 85% of the City rate***
 - a) ***5% annual rate increase adopted for FYs 2016-19***
 - b) ***Based on quantity and quality of flow for Harbor Industrial SMD***
- ***SVCW charges member agencies (Redwood City, San Carlos, Belmont, and West Bay Sanitary District) for the improvements***



ELEMENTS OF THE SEWER SERVICE RATES **– OUT OF DISTRICT COSTS**

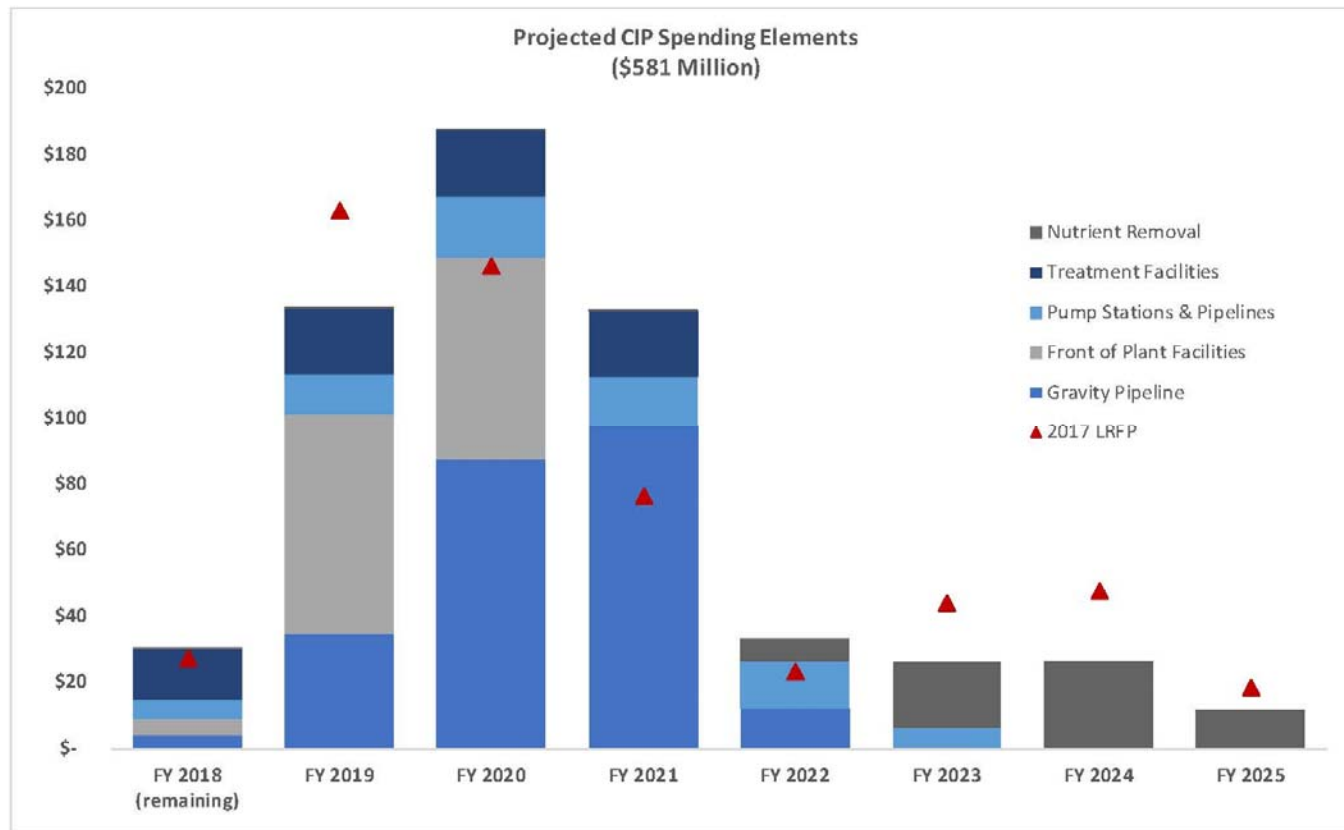
DOWNSTREAM AGENCY CAPITAL IMPROVEMENT PROJECTS

- ***City capital improvement project costs included in the City rates***
- ***Capital Improvement Projects at the SVCW:***
 - a) ***Capital improvements will replace equipment which have reached the end of their useful lives***
 - b) ***SVCW has spent \$252 million to date (over 10 years)***
 - c) ***In January 2018, SVCW estimates \$581 million in CIP expenditures over the next 8 years***



ELEMENTS OF THE SEWER SERVICE RATES – OUT OF DISTRICT COSTS

FORECASTED SVCW TREATMENT PLANT CAPITAL IMPROVEMENT EXPENDITURES



RATE OPTIONS FOR CONSIDERATION

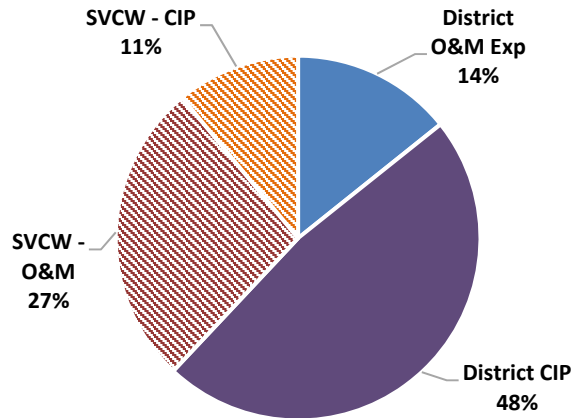
Option 1 – One Rate Option	Sewer Service Rate (\$/Year Per Equivalent Residential Unit)	
	FY 2017-18	Proposed Rate
		FY 2018-19
Equivalent Residential Unit	\$410	\$505 (+ \$95/yr or \$7.92/mo)

Option 2 – Two Rate Option	Sewer Service Rate (\$/Year Per Equivalent Residential Unit)	
	FY 2017-18	Proposed Rate
		FY 2018-19
Equivalent Residential Unit	\$410	\$530 (+ \$120/yr or \$10.00/mo)
<u>Mobile Home Park Equivalent Residential Unit</u>	\$410	\$419 (+ \$9/yr or \$0.75/mo)

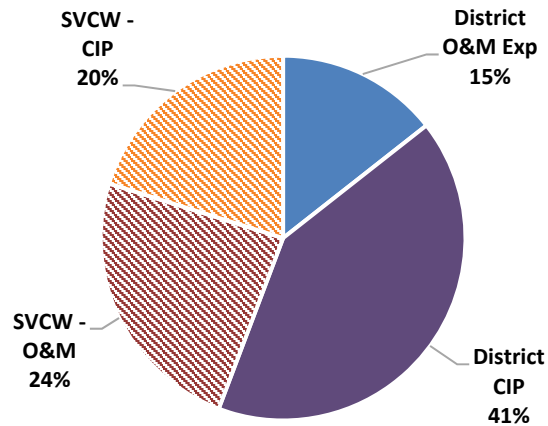
In FY 2017-18, there were 3 mobile home park parcels (total of 81 ERU) and 61 non-residential parcels (total of 161 ERU).

FUTURE FISCAL YEAR PROJECTED REVENUE REQUIREMENTS

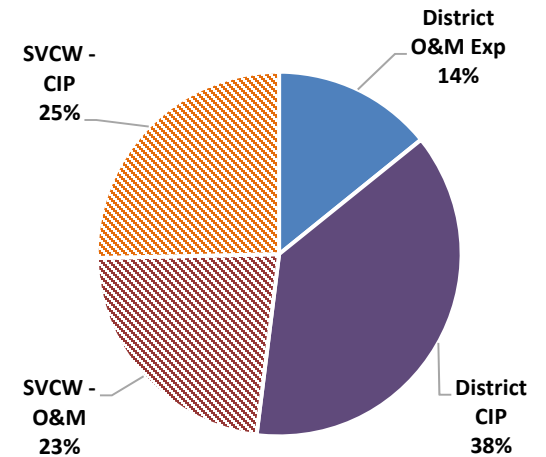
FY 2018-19



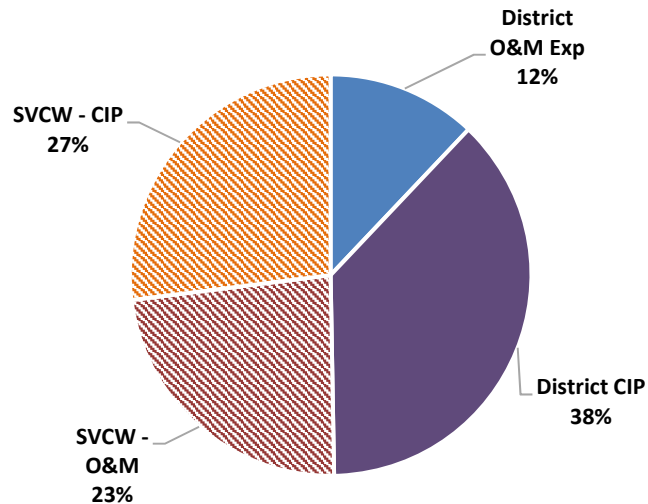
FY 2019-20



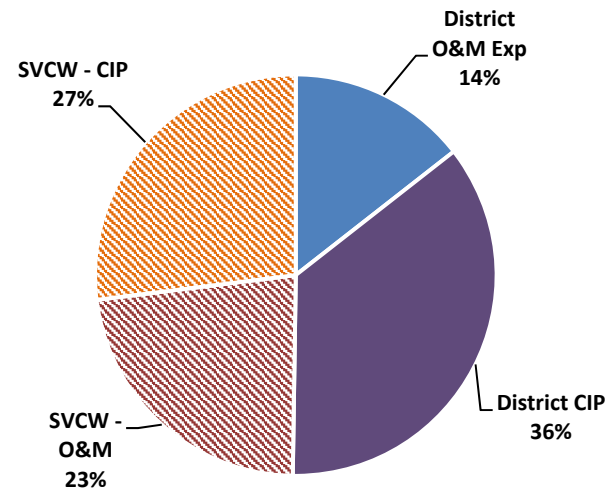
FY 2020-21



FY 2021-22



FY 2022-23



RATE SETTING TIMELINE

Key Dates	Actions
May 4	Sent all property owners information about proposed rates and timing of meetings with property owners.
May 16	Meeting with property owners to discuss the proposed rates, factors involved in establishing rates, and seek property owner input.
June 5	Introduce Ordinance with proposed sewer service rates and set Public Hearing for July 24.
June 8	Send Prop 218 notice (45 days prior to public hearing) to property owners with proposed rates.
July 24	Hold public hearing, adopt Ordinance setting rates, and adopt FY 2018-19 Sewer Service Charges Report based on the adopted rate.



Emergency Response

24 Hours a Day, 7 Days a Week

Mainline (Blockage)

Customer Sewer Laterals

**Call (650) 363-4100 to Report
Sewer Overflows**



CONTACT INFORMATION

Please e-mail your comments and questions to:

sewers@smcgov.org

Information is available on our website at:

<http://www.smcgov.org/sewers>



THANK YOU!

QUESTIONS?



**The toilet is only meant
to flush the three P's—
pee, poop and paper.**

COUNTY OF SAN MATEO

