

PROPERTY OWNERS MEETING SEWER SERVICE RATES

**Fair Oaks Sewer Maintenance District
(District)**

*Garfield School
3600 Middlefield Road
North Fair Oaks*

*May 9, 2017
6:30 P.M.*

Department of Public Works



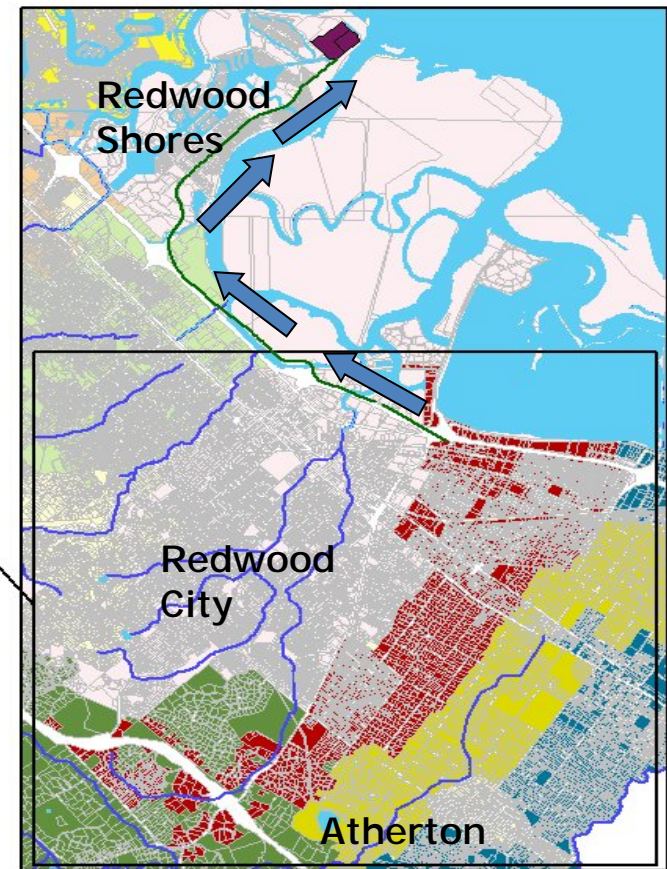
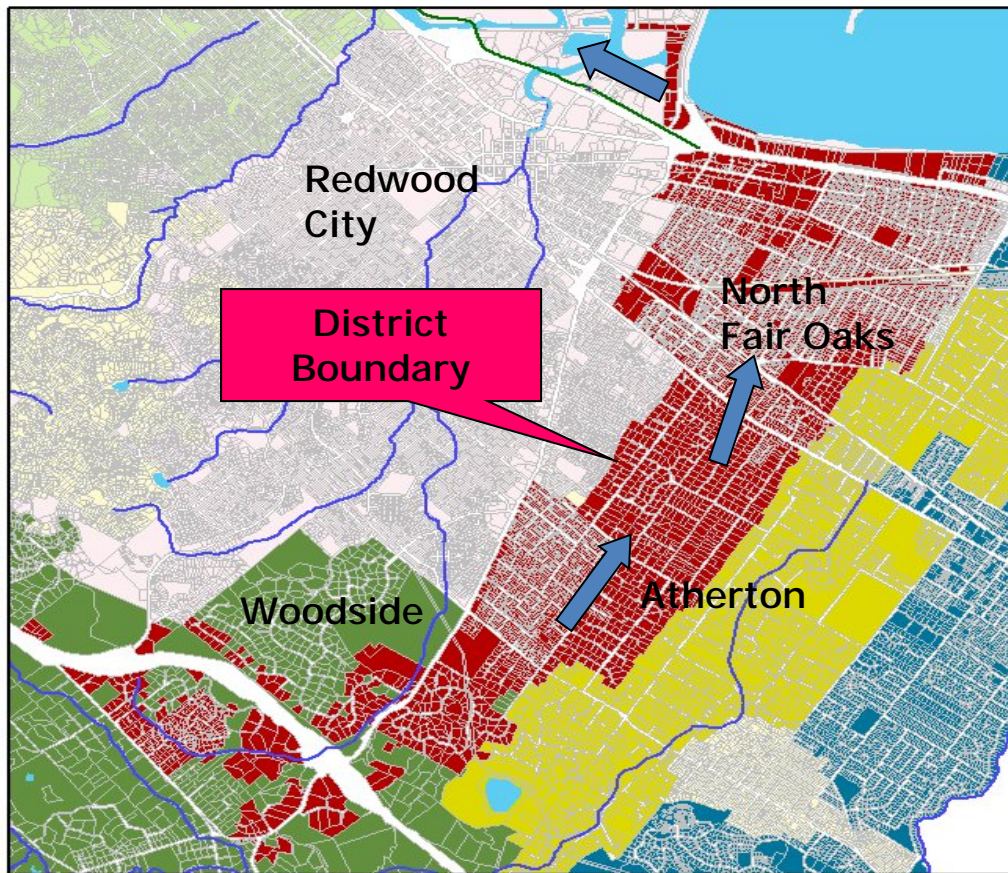
OVERVIEW OF TONIGHT'S MEETING

- ***District Information***
- ***District Funding***
- ***What's Taken Place Since Last Rate Setting in 2012***
- ***Elements of the Sewer Service Rates***
 - ***In District Costs***
 - ***Out of District Costs***
- ***Proposed Rates***
- ***Rate Setting Timeline***
- ***Questions and Comments***



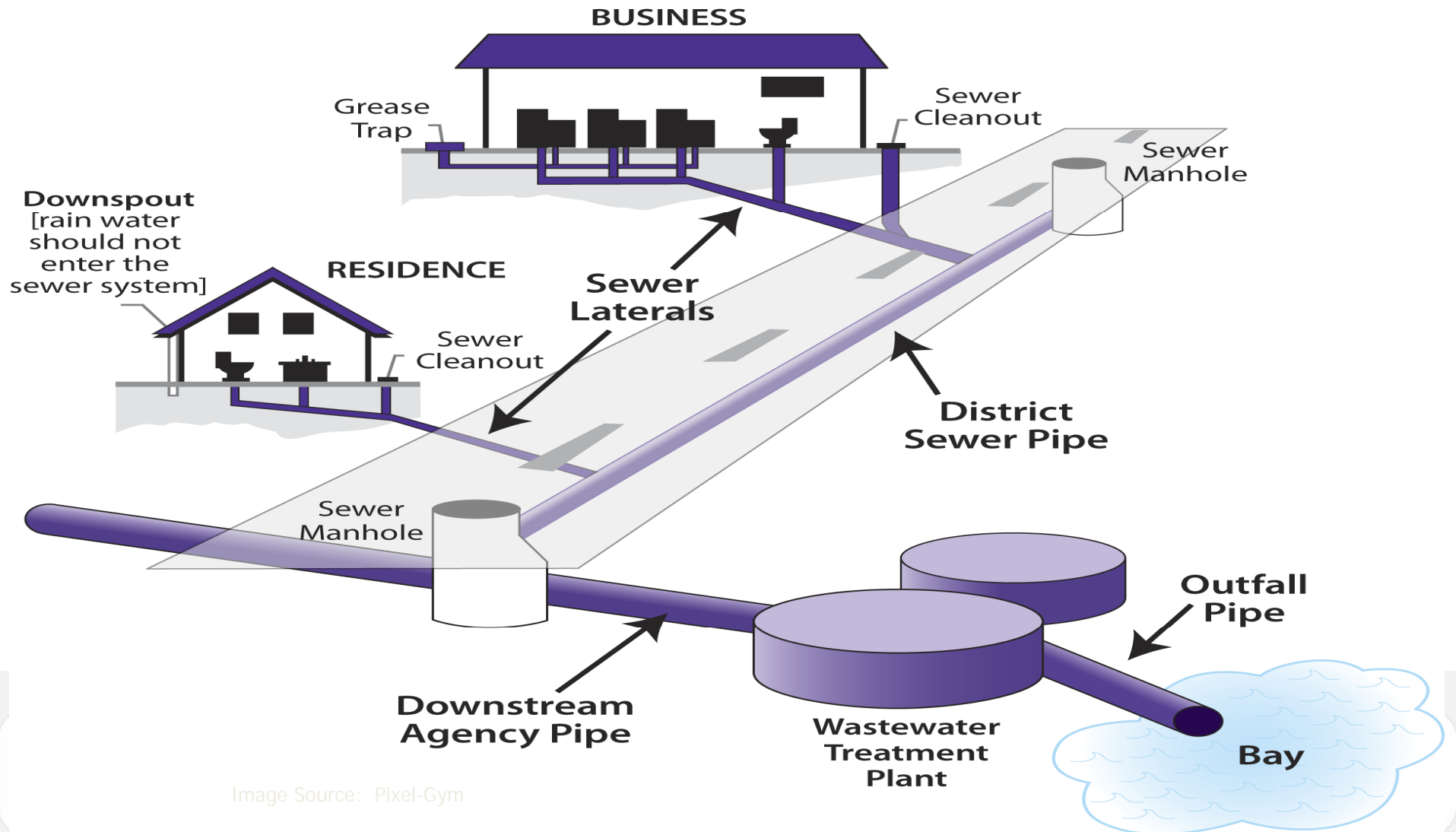
DISTRICT INFORMATION – FAIR OAKS SEWER MAINTENANCE DISTRICT

SEWAGE FLOWS THROUGH CITY OF REDWOOD CITY 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



DISTRICT SPECIFIC STATISTICS

District	Age (yrs)*	Number of Connections**	Equivalent Residential Units (ERU)	Downstream Transport Agency	Treatment Facility
Fair Oaks SMD	87	7,111	11,161	City of Redwood City	Silicon Valley Clean Water (SVCW)

**Age based on District formation date*

*** Based on 2016-17 Sewer Service Charge Report*

District	Miles of Pipe	Percentage in Easements	Percentage in Streets
Fair Oaks SMD	81.3	17.30%	82.70%

SEWER/SANITATION DISTRICTS IN COUNTY GOVERNMENT

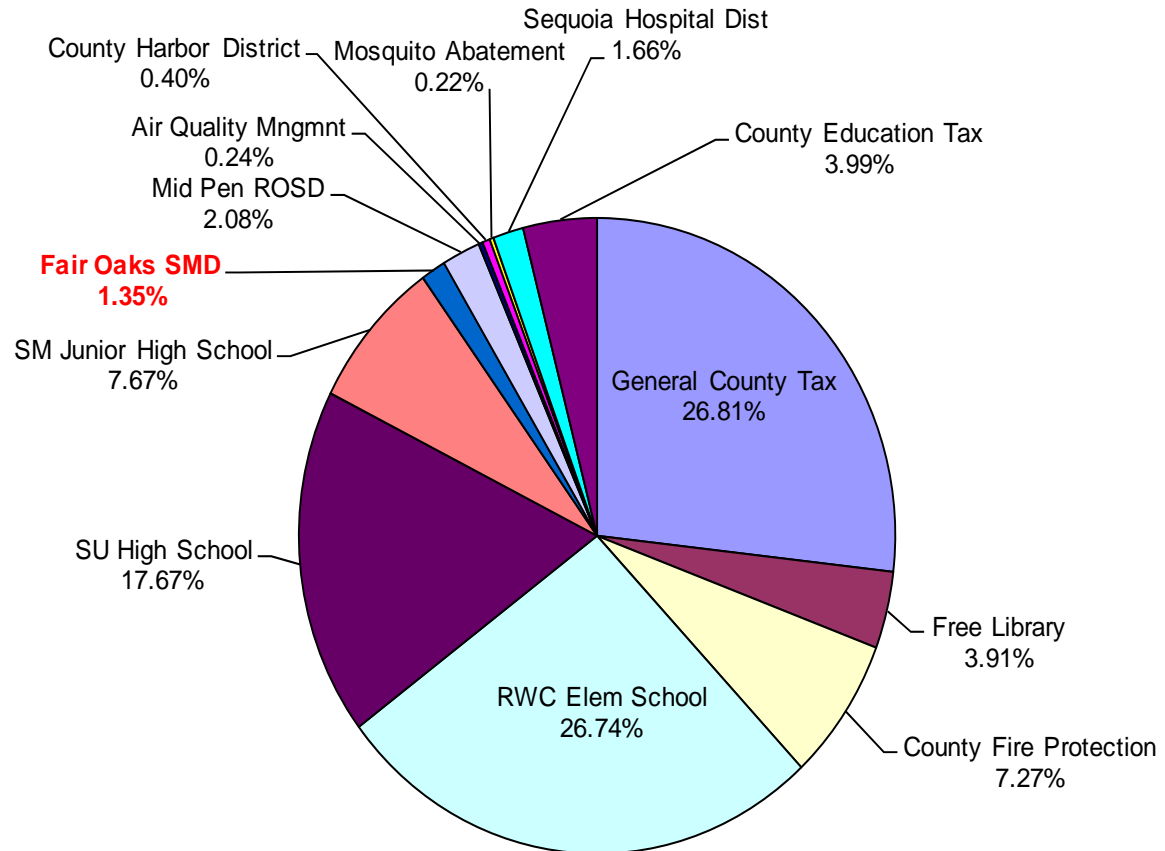
***EACH DISTRICT IS AN INDEPENDENT ENTITY
WITH ITS OWN SEPARATE BUDGET***

- 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



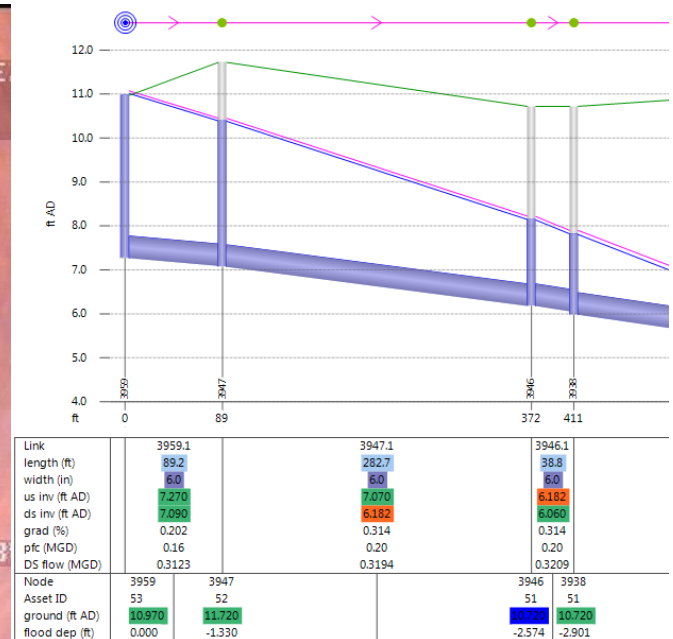
WHERE DOES MY PROPERTY TAX MONEY GO?

Fair Oaks SMD Sample Property Tax Allocation (TRA 073-026)



WHAT'S TAKEN PLACE SINCE LAST RATE SETTING IN 2012

- **Update to the 1999 Master Plan**
 1. **Flow monitoring**
 2. **Smoke testing to identify sources of infiltration/inflow in 3 areas (127,500 ft or 24.2 mi of sewer mainline)**
 3. **CCTV inspected 133,000 ft (25.2 mi) of sewer mainline**
 4. **Hydraulic model to assess capacity of the sewer system**
 5. **Identify capacity improvement projects**



WHAT'S TAKEN PLACE SINCE LAST RATE SETTING IN 2012

➤ *Capital Improvement Projects:*

1. *Replaced 610 ft of sewer mainline and 5 manholes on San Benito Avenue - \$200,000*
2. *Replaced 12,265 ft (2.3 mi) of sewer mainline and 70 manholes in the Eleanor Drive area - \$1.8 million*
3. *Rehabilitated/replaced the flow metering station infrastructure (meter, lighting, vaults, electrical controls, telemetry system) - \$750,000*
4. *Replaced 1,380 ft (0.3 mi) of sewer mainline at various locations - \$407,000*



WHAT'S TAKEN PLACE SINCE LAST RATE SETTING IN 2012

- ***Equipment and Vehicles - Purchased CCTV camera, combination flushing/vacuum truck, pickup trucks, and dump truck***
- ***Main Line Sanitary Sewer Overflow (SSO) Response, Reporting, and Water Quality Monitoring***
- ***CCTV Inspections***
- ***Spot Repairs***
- ***Continue to provide 24/7 emergency response to clear blockages in private laterals***






WHAT'S TAKEN PLACE SINCE LAST RATE SETTING IN 2012

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

Tampons, menstrual cups & their applications/inserts

Coffee grounds & makeup pads

Kitty litter

Syringes

Paper towels and paper tissues

Diapers

CLOG

Dental floss

Plastic and food wrappers

Condoms and birth control

Hair

Prescription and OTC medications

Did you know?

Cleaning toilets, baby wipes and facial wipes are one of the top five items flushed to cause sewer backups in the County of San Mateo, Santa Clara County, and San Diego County. Don't flush them. Don't flush anything that is not 100% bi-based. This includes, for example:

Flush ONLY Toilet trash. Put trash in the trash can.

For more information please visit our website at www.sanjourneys.com/toilets or call us at 800-363-4105.

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

Don't flush your toilet bowl, toilet paper, tampons, pads, or other sanitary products down the toilet. These items can clog the sewer system and cause costly repairs. Instead, use your local household hazardous waste collection program to dispose of these items properly.

Throwing anything other than toilet paper down the drain can cause sanitary sewer overflows (SSOs) and will adversely impact your plumbing system, the sewer system, and the protection of the environment.


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

RETHINK WHAT YOU FLUSH... FLUSH GREEN

Department of Public Works
 311 County Center, 30-11
 Redwood City, CA 94061
 650.346-1000

For more information about
 San Francisco Pollution Prevention, visit the
 San Mateo Countywide Water
 Pollution Prevention Program
www.flushing.org

**PROTECTING WATER QUALITY
 STARTS WITH EACH OF US**



COUNTY MAINTAINED DISTRICTS:

Burlingame Hills Sewer
Maintenance District
Crystal Springs County
Sanitation District
Dumbarton 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) 303-4000, between
8 a.m. and 5 p.m. Monday
through Friday or go to
www.co.sanmateo.ca.us/Sewer/

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 Service?

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 sewage 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.

Beginning in 2012, brochures have been distributed to residents during service calls and mailed to residents upstream of a sanitary sewer overflow. Copies are also available on website at <http://www.smcgov.org/sewers>

WHAT'S TAKEN PLACE SINCE LAST RATE SETTING IN 2012

SANITARY SEWER OVERFLOWS (SSO)

District	2012	2013	2014	2015	2016	2017 (to date)
FOSMD	15	12	13	10	11	3

Primary Causes of SSOs: Roots, Paper Towels, Grease, Construction debris, and Pipe Collapse



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

WHAT'S TAKEN PLACE SINCE LAST RATE SETTING IN 2012

REGULATION COMPLIANCE:

- ***State Water Resources Control Board***
 - ***Reporting to State Office of Emergency Services certain types of SSO's within 2 hours***
 - ***Water testing 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)***
 - ***Inspecting 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 MASTER PLANS AND 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 over the last 10 years have been saved to pay for the improvements. More is needed.*



ELEMENTS OF THE SEWER SERVICE RATES **– FUTURE PLANNING**

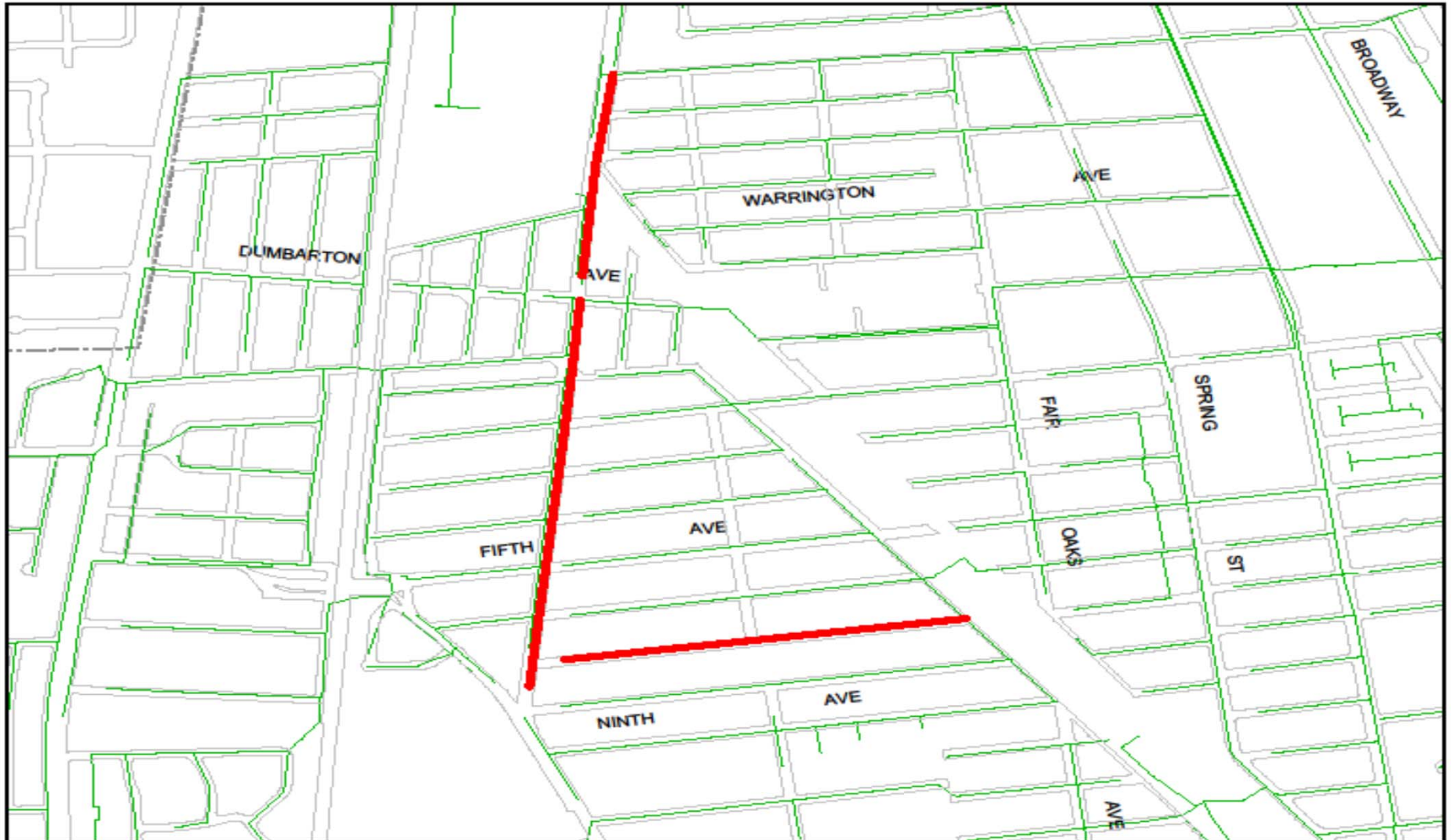
PROJECTS AND ESTIMATED COSTS

CIP Projects	
2016-17 Phase 1 (1,920 ft or 0.4 mi)	\$538,000
2017-18 Phase 2 (4,580 ft or 0.9 mi)	\$1,375,000
Phase 3 (Replace 3,200 ft or 0.6 mi of pipeline; Repair access road along Redwood Creek easement to facilitate maintenance)	\$1,209,800
Phase 4 (To be determined based on CCTV inspection ~ 11,250 ft or 2.1 mi)	\$3,150,000



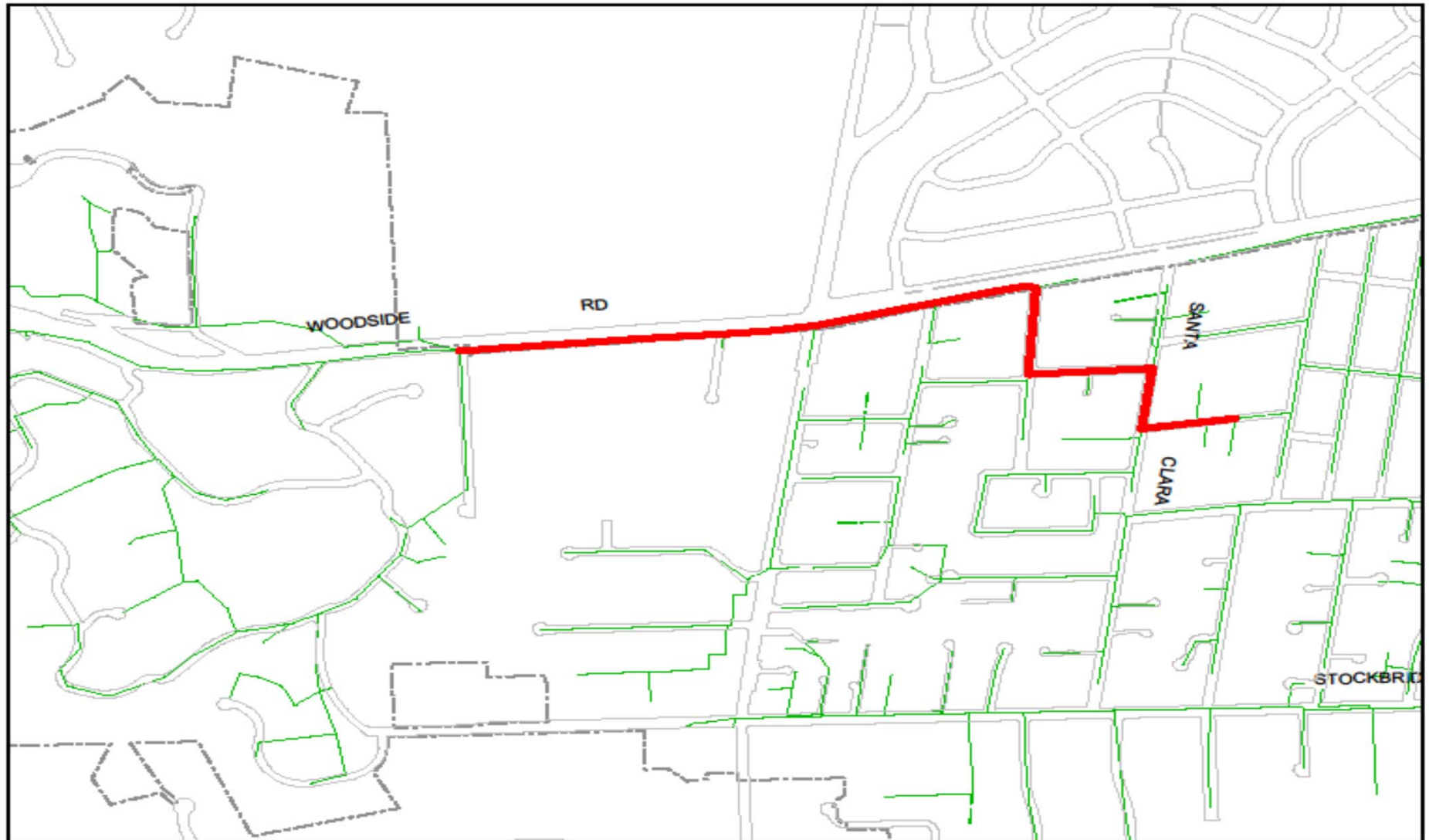
ELEMENTS OF THE SEWER SERVICE RATES – CAPITAL IMPROVEMENT PROJECTS (CIP)

RECOMMENDED CIP (PHASE 1 & 2):



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

RECOMMENDED CIP (PHASE 3 PIPELINE):



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

- ***Sewage Transport, Treatment, and Disposal***
- ***Downstream Agency Capital Improvement Projects***
 - ***Redwood City contributed \$10M to SVCW as down payment to reduce future debt service for its share of the costs for SVCW CIP***
 - ***Fair Oaks SMD's share of this initial contribution is \$2.9M***



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

SEWAGE TRANSPORT, TREATMENT, AND DISPOSAL

- *Fair Oaks SMD has an Agreement with the City of Redwood City for sewage transport through City pipes with treatment and disposal at the SVCW*
- *Fair Oaks SMD pays City sewage treatment and disposal fees based on volume of sewage (gallons per day)*
- *City sewer service fees are billed on water bills on bi-monthly (residential) or monthly (non-residential) basis:*
 - *City rate increased 9% each year for FYs 2011-16 – (total 45% over five years)*
 - *3% average annual rate increase anticipated for FYs 2016-19 (2016 rate of \$901.32 per year minimum)*



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

WHAT AFFECTS THE AMOUNT THE DISTRICT PAYS REDWOOD CITY?

- ***Capital Improvement Projects at the SVCW:***
 - ***SVCW has spent \$225 million to date (over 8 years)***
 - ***In January 2017, SVCW estimates \$590 million in CIP expenditures thru 2024-25 (over 9 years)***
 - ***Capital improvements will replace equipment which have reached the end of their useful lives***
 - ***SVCW will be charging the 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

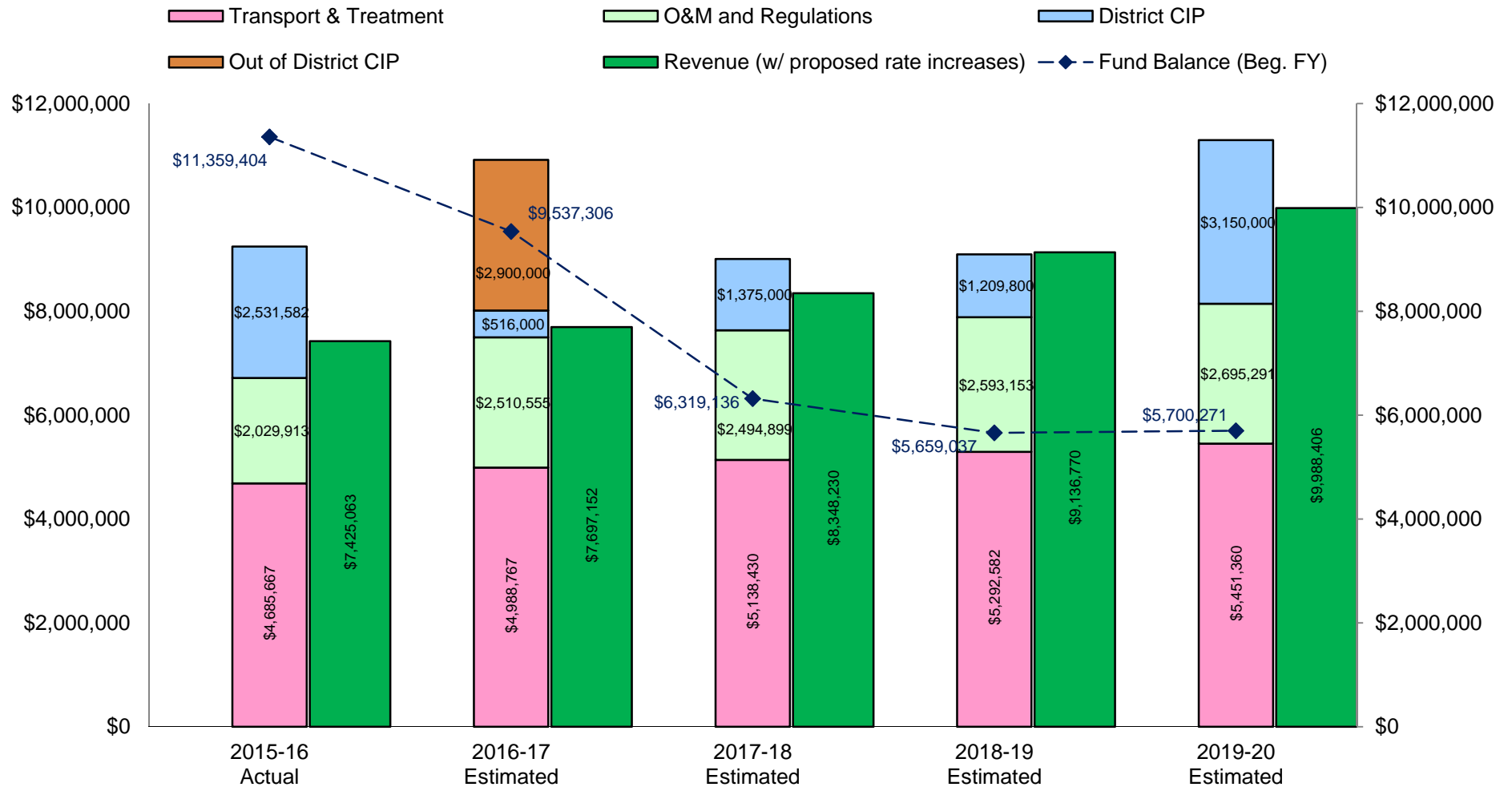
FORECASTED SVCW TREATMENT PLANT CAPITAL IMPROVEMENT EXPENDITURES

Projected CIP Expenditures (\$590 Million)											
Project	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
Treatment Facilities											
Gravity Pipeline											
Front-of-Plant Facilities											
Pump Stations / Pipelines											
Nutrient Removal											



ELEMENTS OF THE SEWER SERVICE RATES

Fair Oaks SMD Expenditure & Revenue Comparison



PROPOSED RATES

	Sewer Service Rate (\$/Year Per Residential Unit)			
	2016-17	Proposed Rates		
		2017-18	2018-19	2019-20
Fair Oaks SMD	\$620	\$680 (+ \$60)	\$750 (+ 70)	825 (+ 75)



RATE SETTING TIMELINE

Key Dates	Actions
April 10 – May 3	Sent all property owners information about proposed rates and timing of meetings with property owners.
May 2 – May 24	Meetings with property owners of each district to discuss the proposed rates, factors involved in establishing rates, and seek property owner input.
June 6	Introduce Ordinance with proposed sewer service rates and set Public Hearing for July 25.
June 9	Send Prop 218 notice (45 days prior to public hearing) to property owners with proposed rates.
July 25	Hold public hearing, adopt Ordinance setting rates, and adopt FY 2017-18 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

