

# PROPERTY OWNERS MEETING SEWER SERVICE RATES

Edgewood Sewer Maintenance District  
Kensington Square Sewer Maintenance District  
Oak Knoll Sewer Maintenance District  
(Districts)

*Clifford Elementary School  
225 Clifford Avenue  
Redwood City, CA*

*May 3, 2017  
6:30 P.M.*

**Department of Public Works**

**COUNTY OF SAN MATEO**



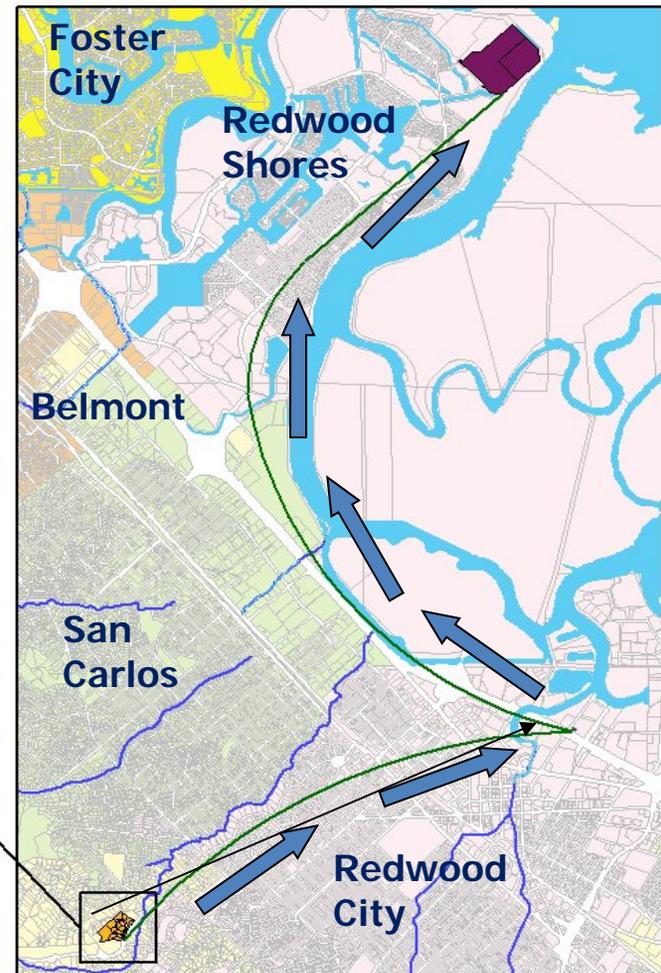
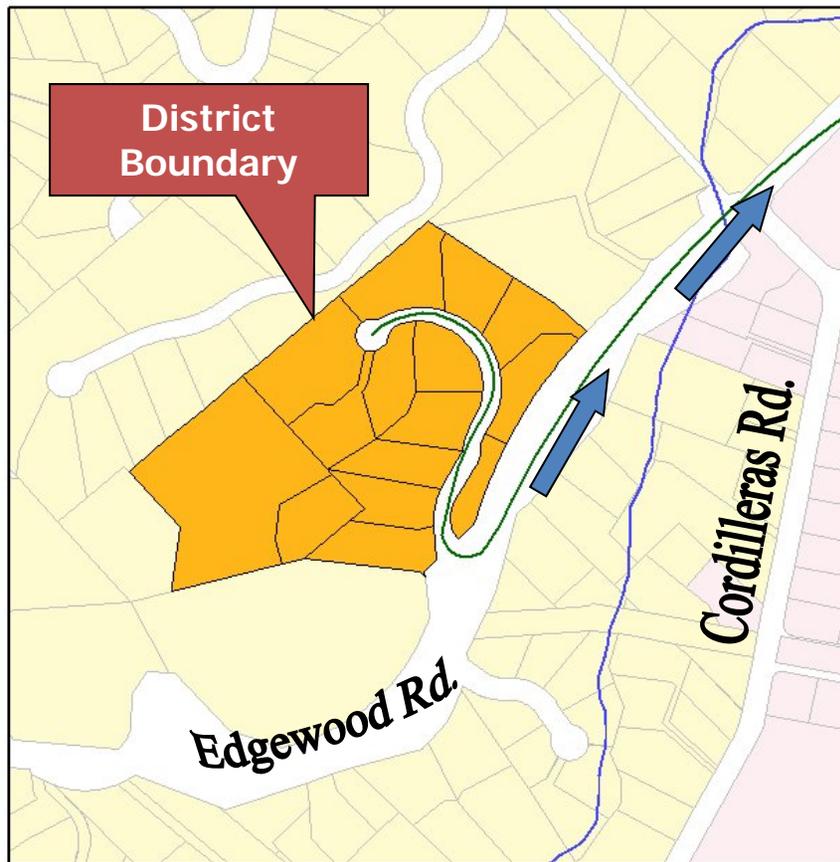
# **OVERVIEW OF TONIGHT'S MEETING**

- ***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***



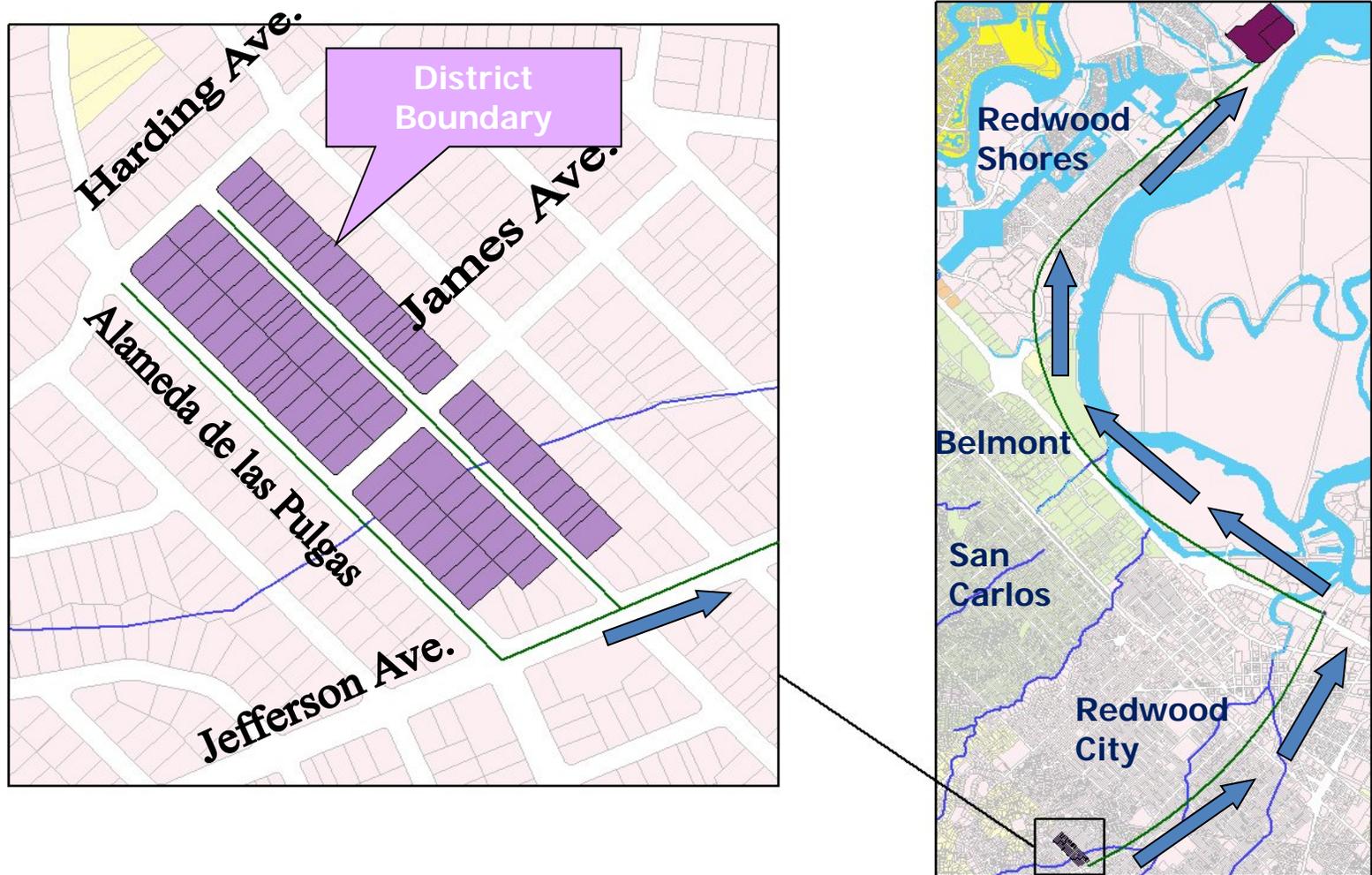
# DISTRICT INFORMATION - EDGEWOOD SEWER MAINTENANCE DISTRICT

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



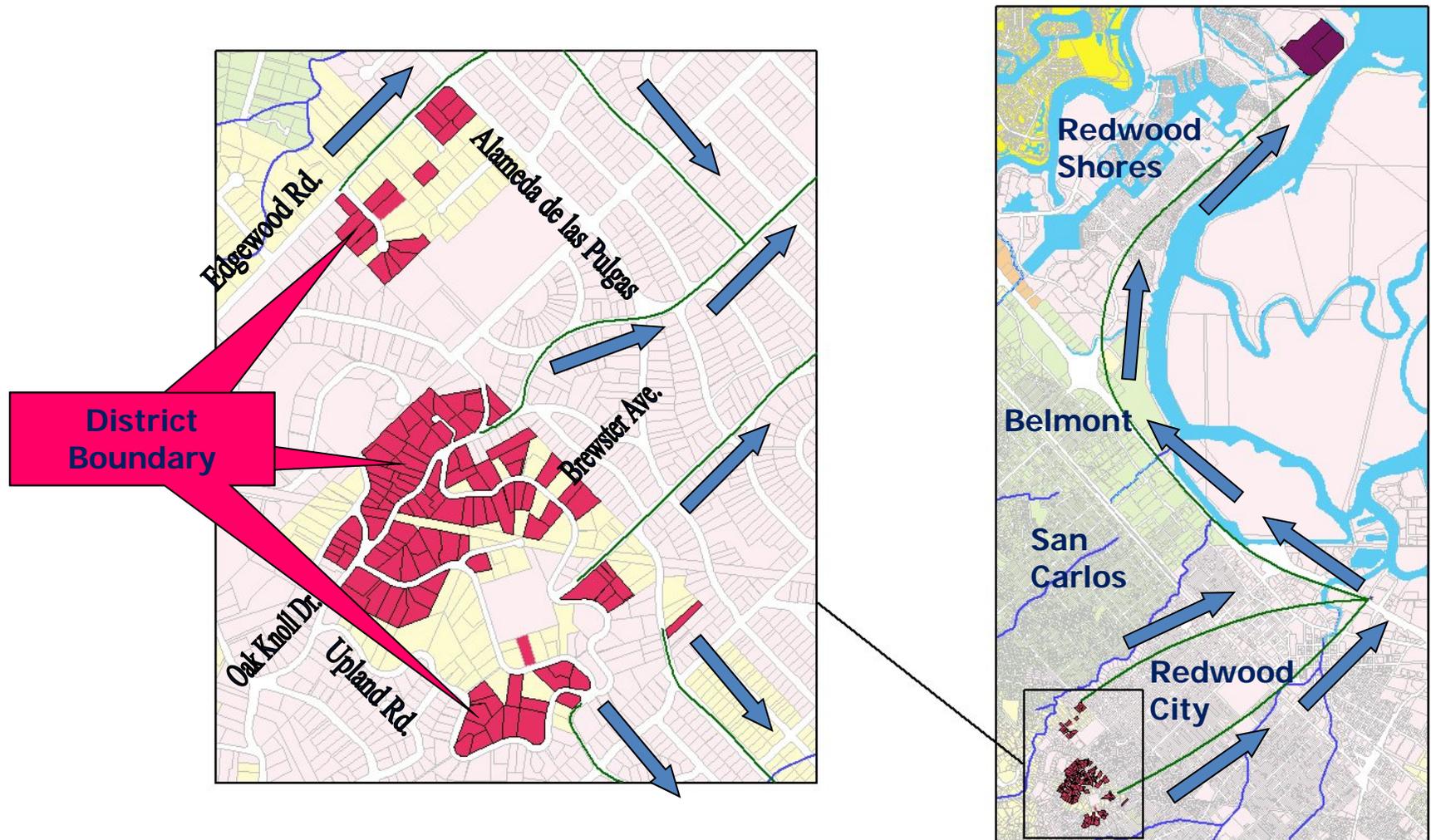
# DISTRICT INFORMATION - KENSINGTON SQUARE SEWER MAINTENANCE DISTRICT

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



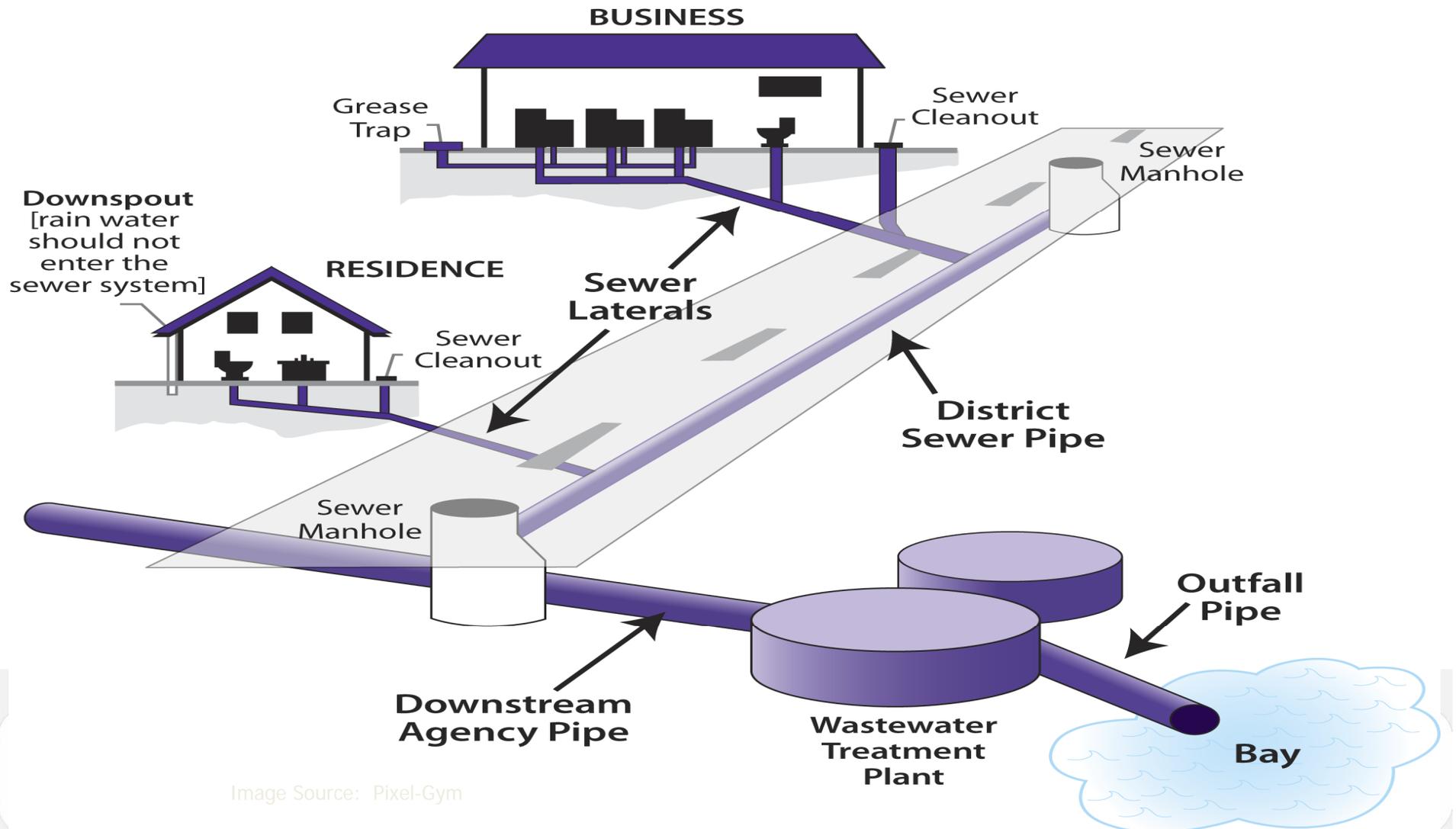
# DISTRICT INFORMATION - OAK KNOLL SEWER MAINTENANCE DISTRICT

**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 (Years) *	Number of Connections **	Equivalent Residential Units (ERU)	Downstream Transport Agency	Treatment Facility
Edgewood SMD	11	15	15	City of Redwood City	Silicon Valley Clean Water (SVCW)
Kensington Square SMD	61	74	74		
Oak Knoll SMD	60	132	141		

*\*Age based on District formation date*

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

District	Miles of Pipe	Percentage of Pipe in Easements	Percentage of Pipe in Streets
Edgewood SMD	0.3	28.75%	71.25%
Kensington Square SMD	0.8	0.00%	100.00%
Oak Knoll SMD	1.5	33.43%	66.57%

# 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?

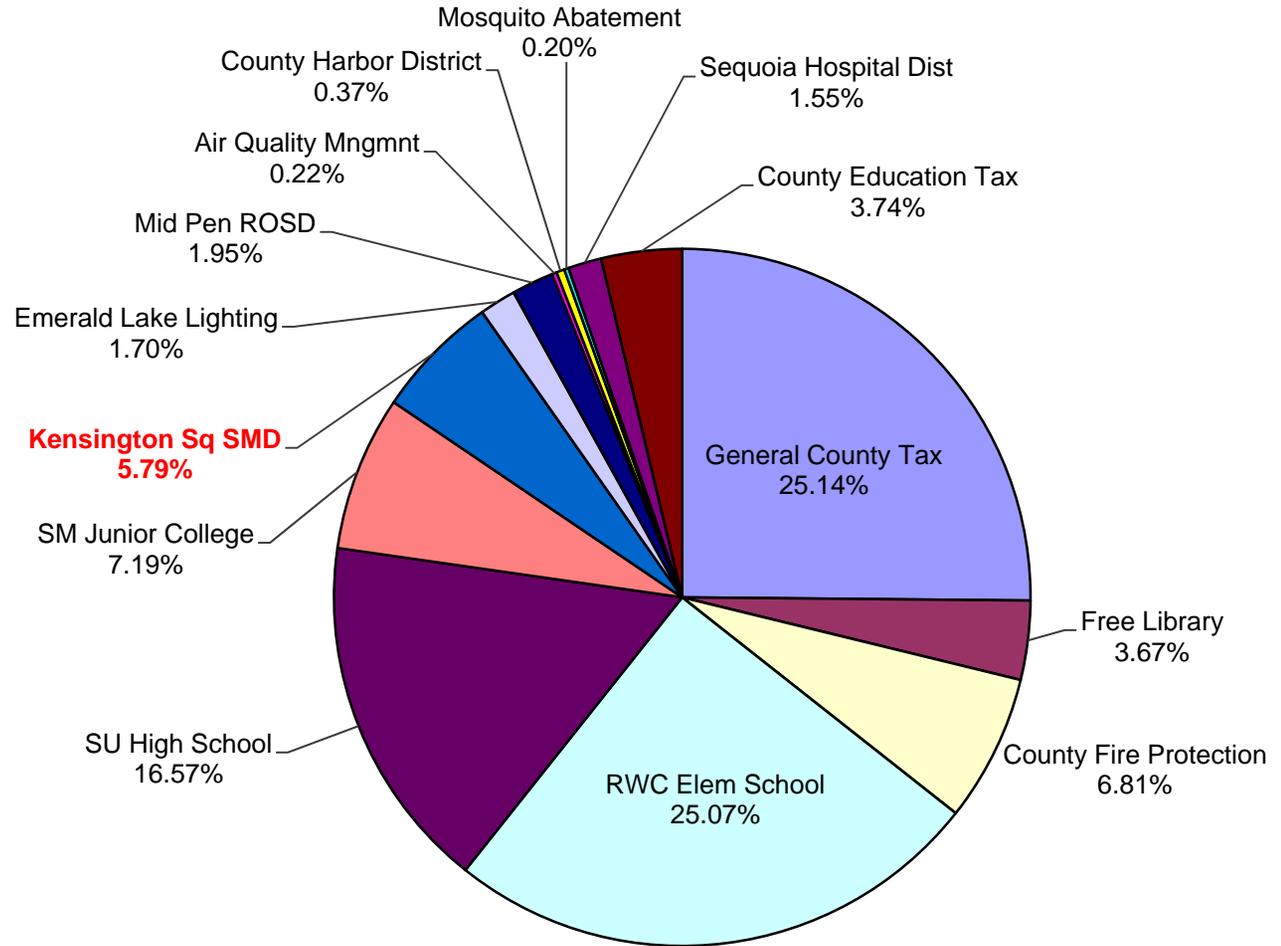
## ***EDGEWOOD SEWER MAINTENANCE DISTRICT:***

- ***No Property Tax Revenue Allocation***
- ***District formed in 2004, after Proposition 13***



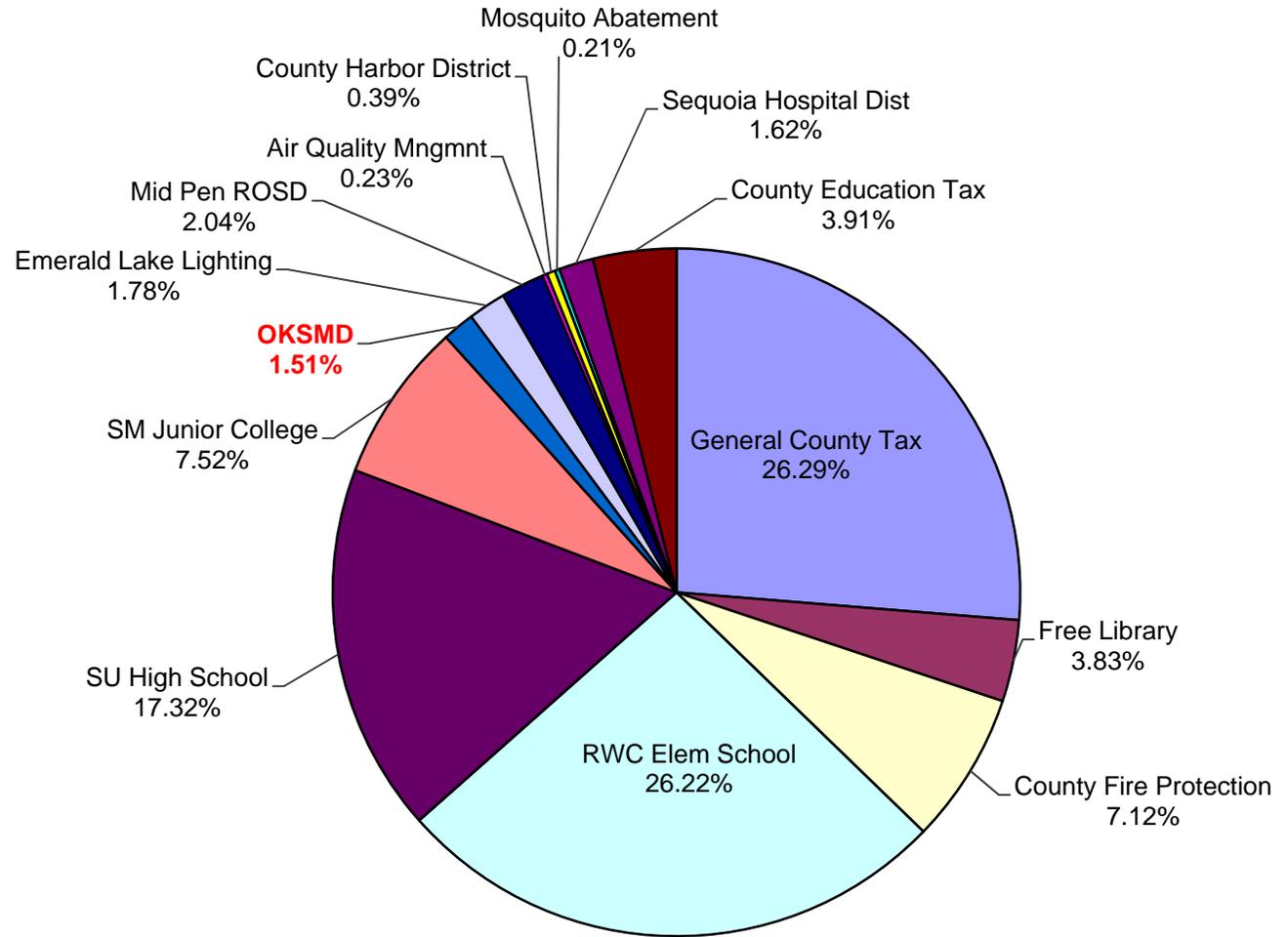
# WHERE DOES MY PROPERTY TAX MONEY GO?

KSSMD Sample Property Tax Allocation (TRA 073-032)



# WHERE DOES MY PROPERTY TAX MONEY GO?

OKSMD Sample Property Tax Allocation (TRA 073-008)



# **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**



**Did you know?**  
Changing paper, baby wipes and facial tissues are one of the biggest causes for clogged sewer pipes. They are not designed to be flushed. They are made of non-biodegradable materials that do not break down in the trash. They are not designed to 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](http://www.smcgov.org/sewers) or call us at 650-343-4100.

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

Your trash can eat food scraps. The water from your shower or business dishes, cleaning solutions, are eventually made 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 costly sewer overflows (SSOs) and will severely impact your plumbing system, the sewer system, and the protection of the bay's natural life.

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



[www.co.sanmateo.ca.us/sewers](http://www.co.sanmateo.ca.us/sewers)

Burlingame Hills Sewer Maintenance District  
Crystal Springs County Sanitation District  
Doraville 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  
Sausalito Sewer Maintenance District

Department of Public Works  
515 County Center, 5th Fl  
Redwood City, CA 94065  
(650) 343-4100

For more information about  
Sanitation Pollution Prevention visit the  
San Mateo Countywide Water  
Pollution Prevention Program  
(SMCWPPP)  
[www.smcgov.org](http://www.smcgov.org)

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



PROTECTING WATER QUALITY STARTS WITH EACH OF US

**Understanding Your Sewer System and What You Pay For**

**COUNTY MAINTAINED DISTRICTS:**  
Burlingame Hills Sewer Maintenance District  
Crystal Springs County Sanitation District  
Devonshire 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  
Sausalito Sewer Maintenance District

**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 within 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)
ESMD	0	0	0	0	0	0
KSSMD	0	0	0	0	0	0
OKSMD	0	1	0	0	0	0

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***



# 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***



COUNTY OF SAN MATEO



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

## ***HIGH PRIORITY CIPS IDENTIFIED IN EACH DISTRICT 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**

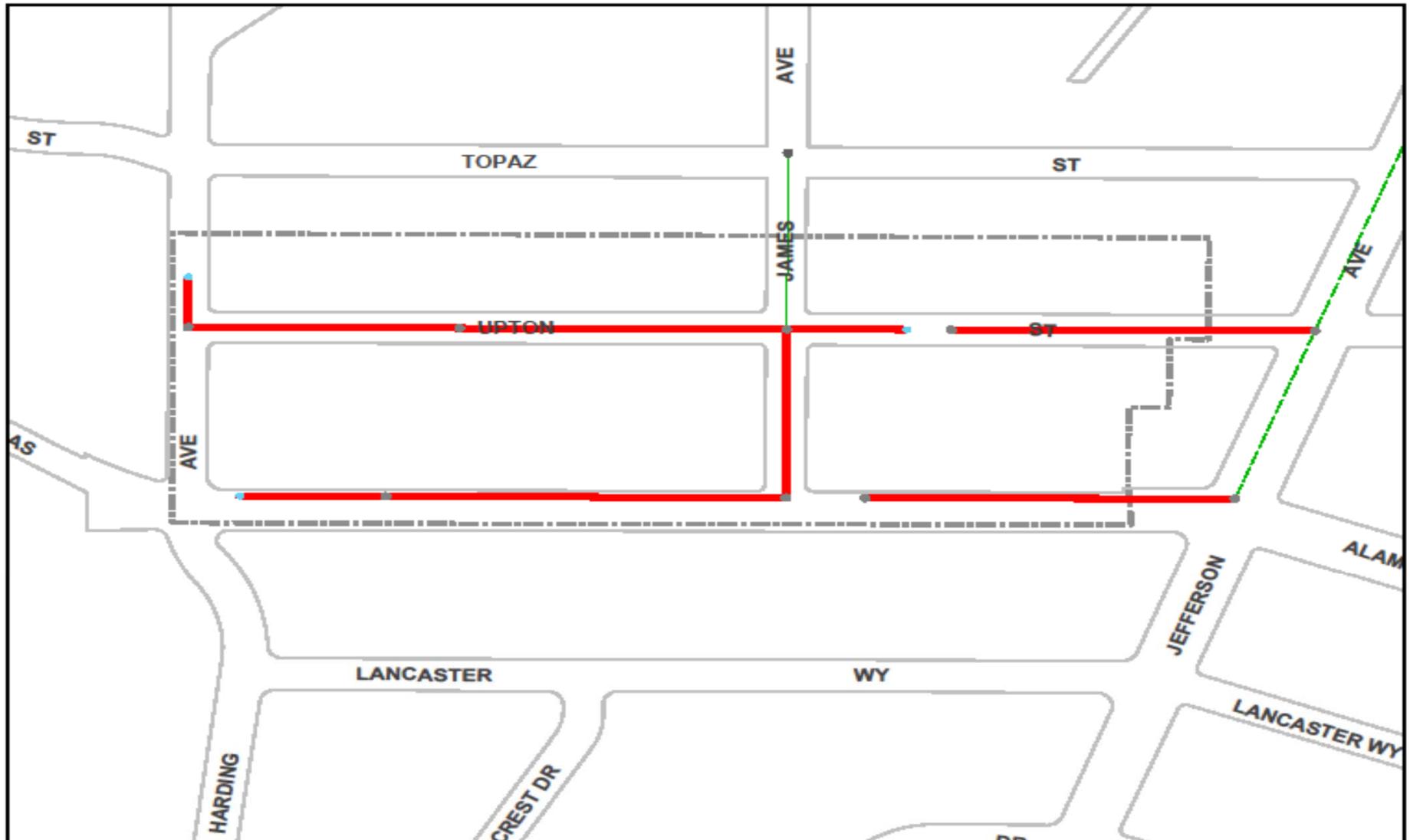
## ***PROJECTS AND ESTIMATED COSTS***

<b>Kensington Square SMD:</b>	
<b>2017-18 Phase 1 (1,060 ft)</b>	<b>\$297,000</b>
<b>Phase 2 (1,800 ft)</b>	<b>\$504,000</b>
<b>Oak Knoll SMD:</b>	
<b>2017-18 Phase 1 (770 ft)</b>	<b>\$216,000</b>
<b><i>Future Projects TBD</i></b>	



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

## ***KENSINGTON SQUARE SMD RECOMMENDED CIP:***





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

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



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

## ***SEWAGE TRANSPORT, TREATMENT, AND DISPOSAL***

- ***Each District has an Agreement with the City of Redwood City for sewage transport through City pipes with treatment and disposal at the SVCW***
- ***Edgewood SMD, Kensington Square SMD, and Oak Knoll CSD pays 100% of the City rate***
  - ***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***
  - ***Based on number of connections for all 3 districts, with 1 commercial property in Oak Knoll SMD which is based on water consumption***



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

## ***WHAT AFFECTS THE AMOUNT THE DISTRICT PAYS REDWOOD CITY?***

- *Sewer Service Rates established by 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*



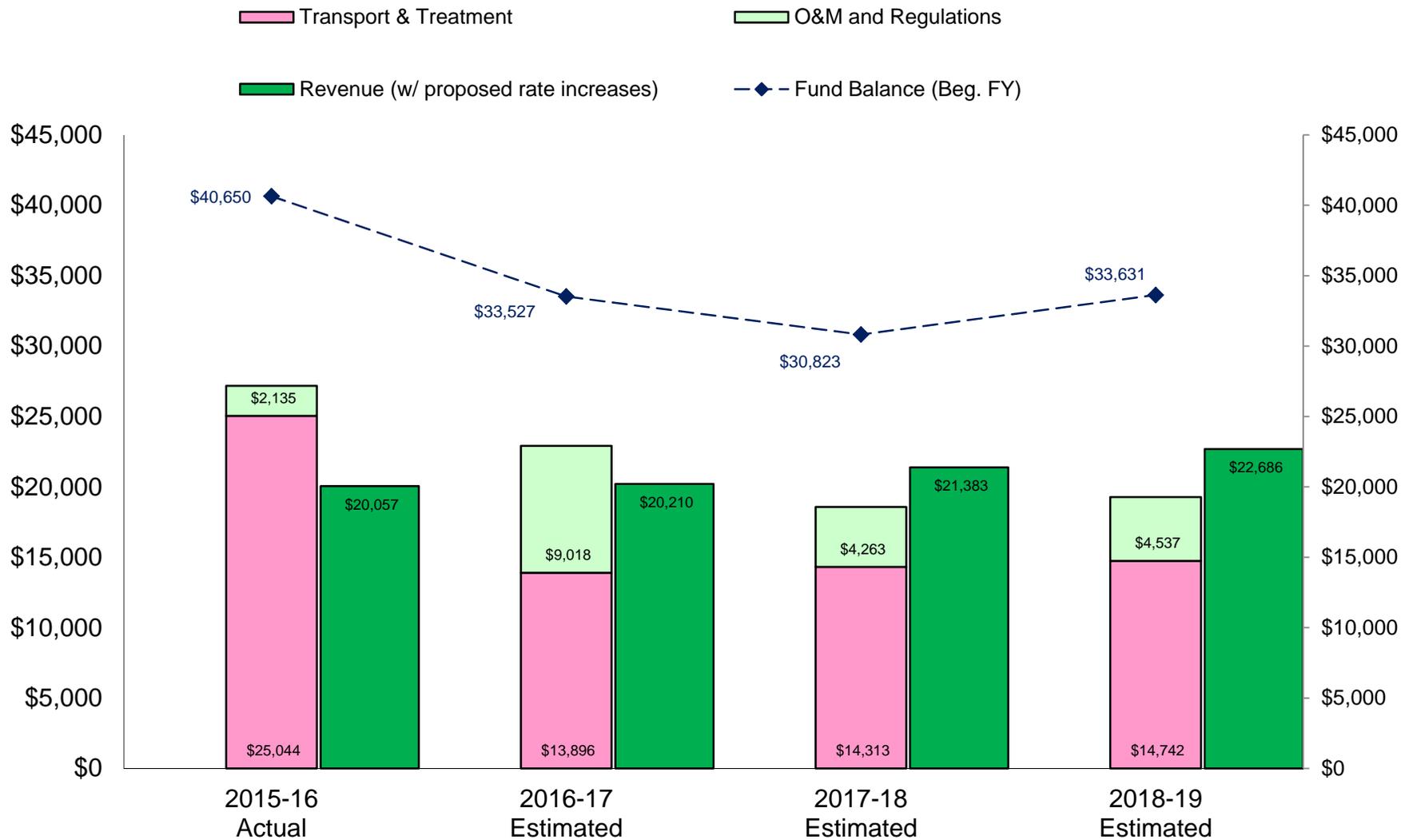
# ELEMENTS OF THE SEWER SERVICE RATES – OUT OF DISTRICT COSTS

## **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											\$90.96M
Gravity Pipeline											\$230.55M
Front-of-Plant Facilities											\$100.97M
Pump Stations / Pipelines											\$64.24M
Nutrient Removal											\$103.7M

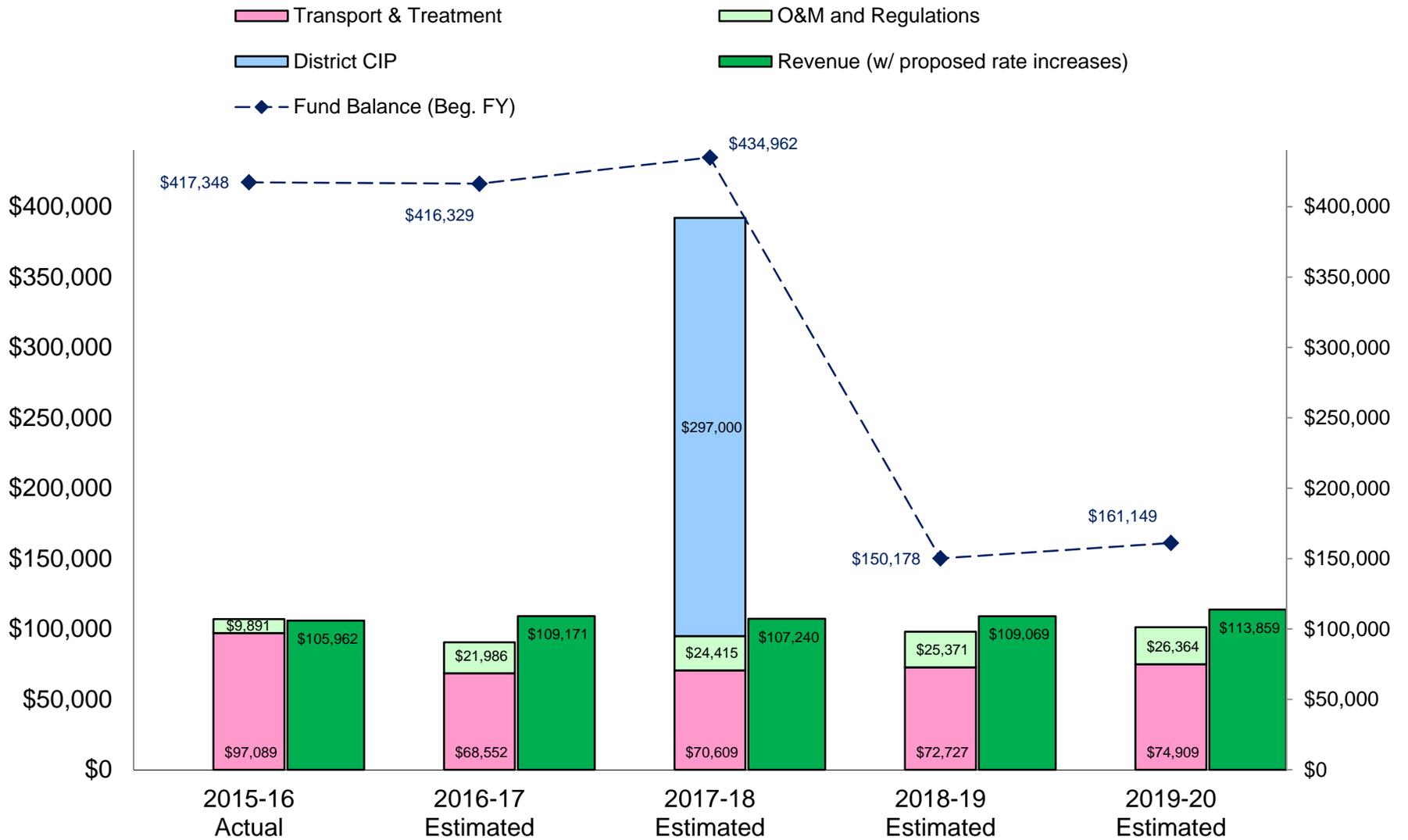
# ELEMENTS OF THE SEWER SERVICE RATES – CAPITAL IMPROVEMENT PROJECTS (CIP)

## Edgewood SMD Expenditure & Revenue Comparison



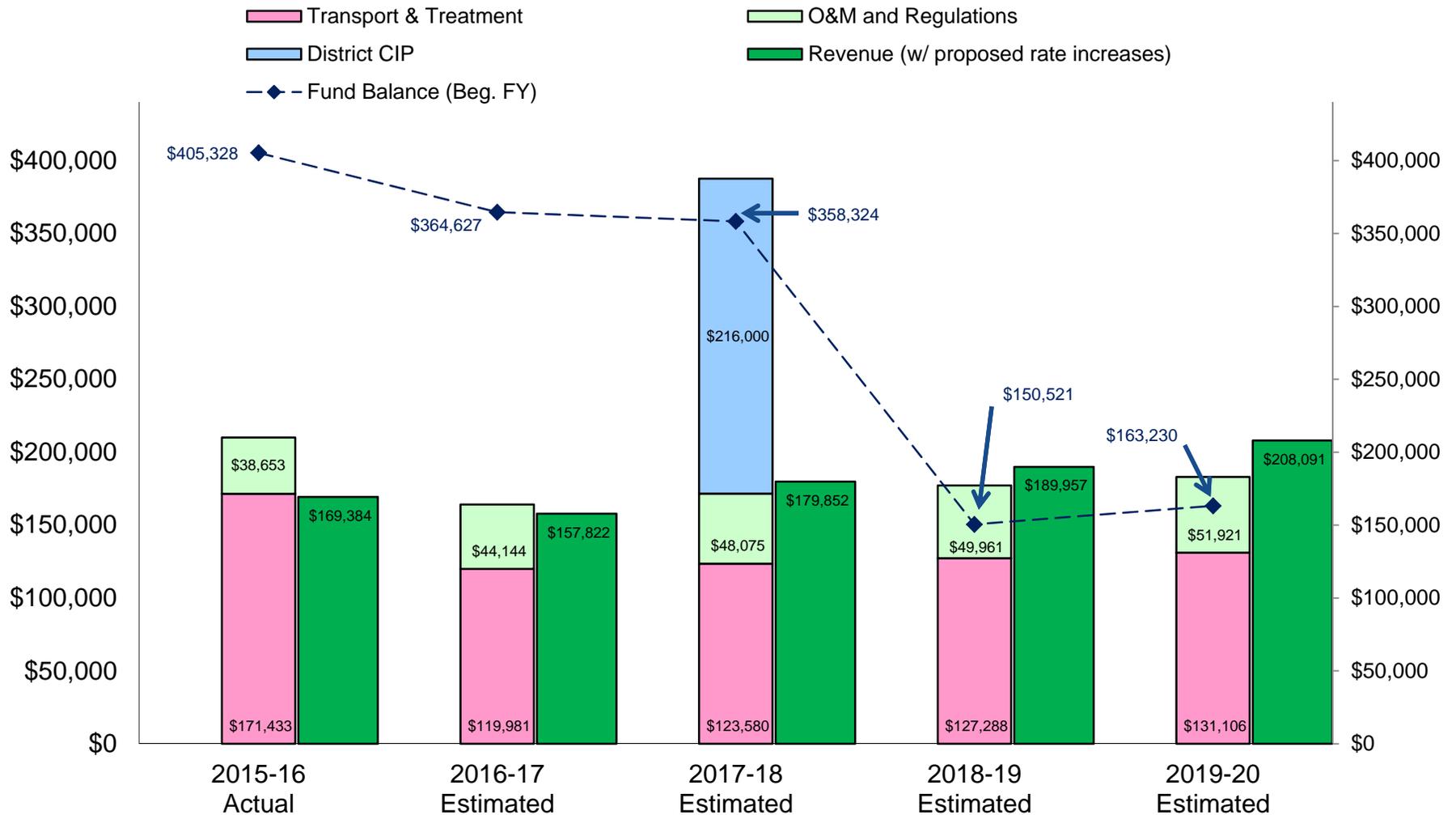
# ELEMENTS OF THE SEWER SERVICE RATES – CAPITAL IMPROVEMENT PROJECTS (CIP)

## Kensington Square SMD Expenditure & Revenue Comparison



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

## Oak Knoll SMD Expenditure & Revenue Comparison



# PROPOSED RATES

	Sewer Service Rate (\$/Year Per Residential Unit)			
	2016-17	Proposed Rates		
		2017-18	2018-19	2019-20
<b>Edgewood SMD</b>	\$1,325	\$1,405 (+ \$80)	\$1,490 (+ 85)	\$1,580 (+ 90)
<b>Kensington Square SMD</b>	\$1,175	\$1,230 (+ 55)	\$1,290 (+ 60)	\$1,350 (+ 60)
<b>Oak Knoll SMD</b>	\$1,050	\$1,155 (+ 105)	\$1,270 (+ 115)	\$1,395 (+ 125)



# 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](mailto: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**

