

# **CRYSTAL SPRINGS COUNTY SANITATION DISTRICT**

**Information on Proposed Sewer Service Rate Increase  
for Fiscal Year 2020-21**

**To be Considered by the County of San Mateo Board of  
Supervisors during a Public Hearing on:**

**Tuesday, July 21, 2020 at 9:00 a.m.  
Board of Supervisors Chambers  
Hall of Justice and Records  
400 County Center, Redwood City**



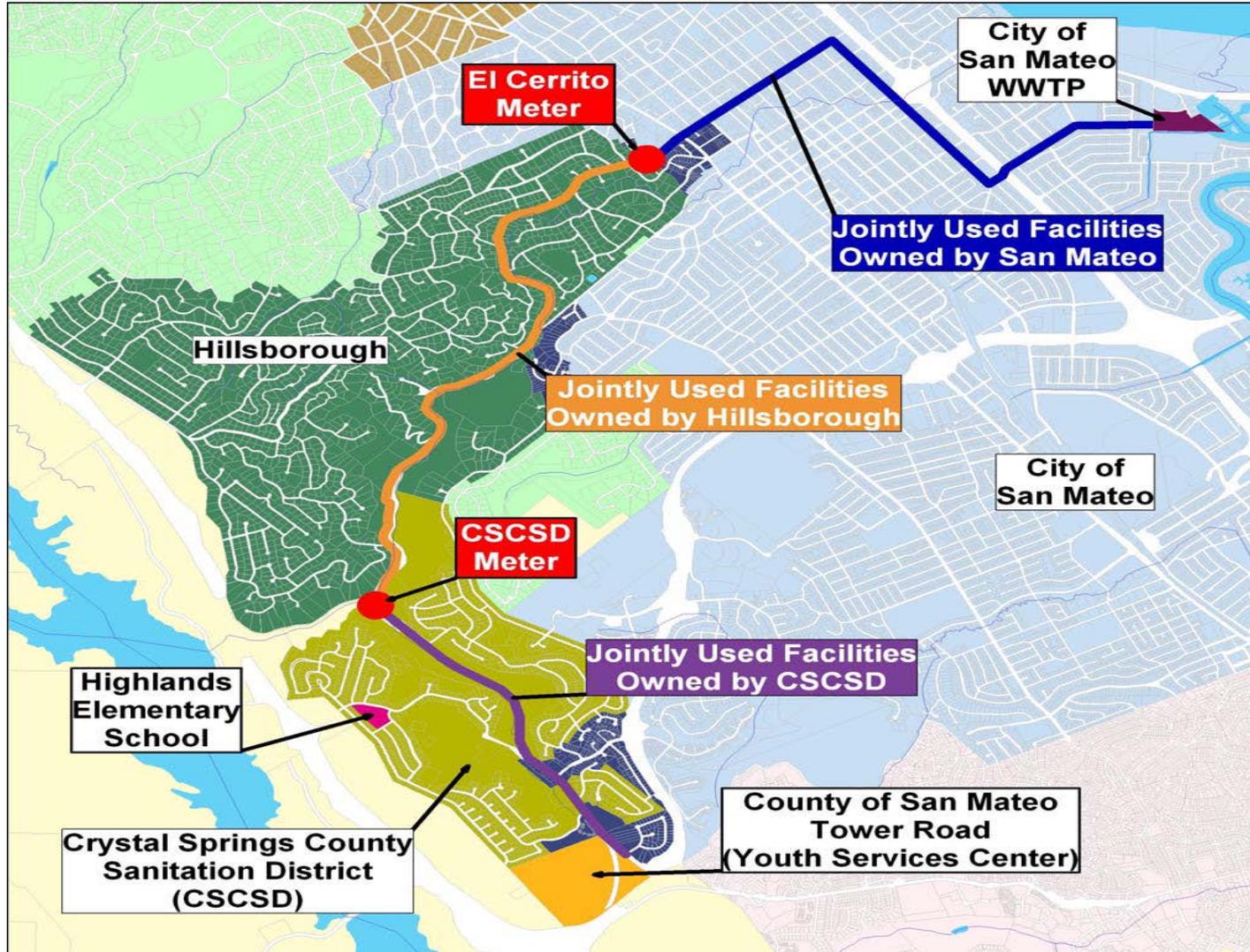
# OVERVIEW

- ***District Information***
- ***District Funding***
- ***Programs, Services and Compliance***
- ***Elements of the Sewer Service Rates***
  - ***In District Costs***
  - ***Out of District Costs***
- ***City of San Mateo Clean Water Program information***
- ***Proposed Rate for Consideration***
- ***Rate Setting Timeline***



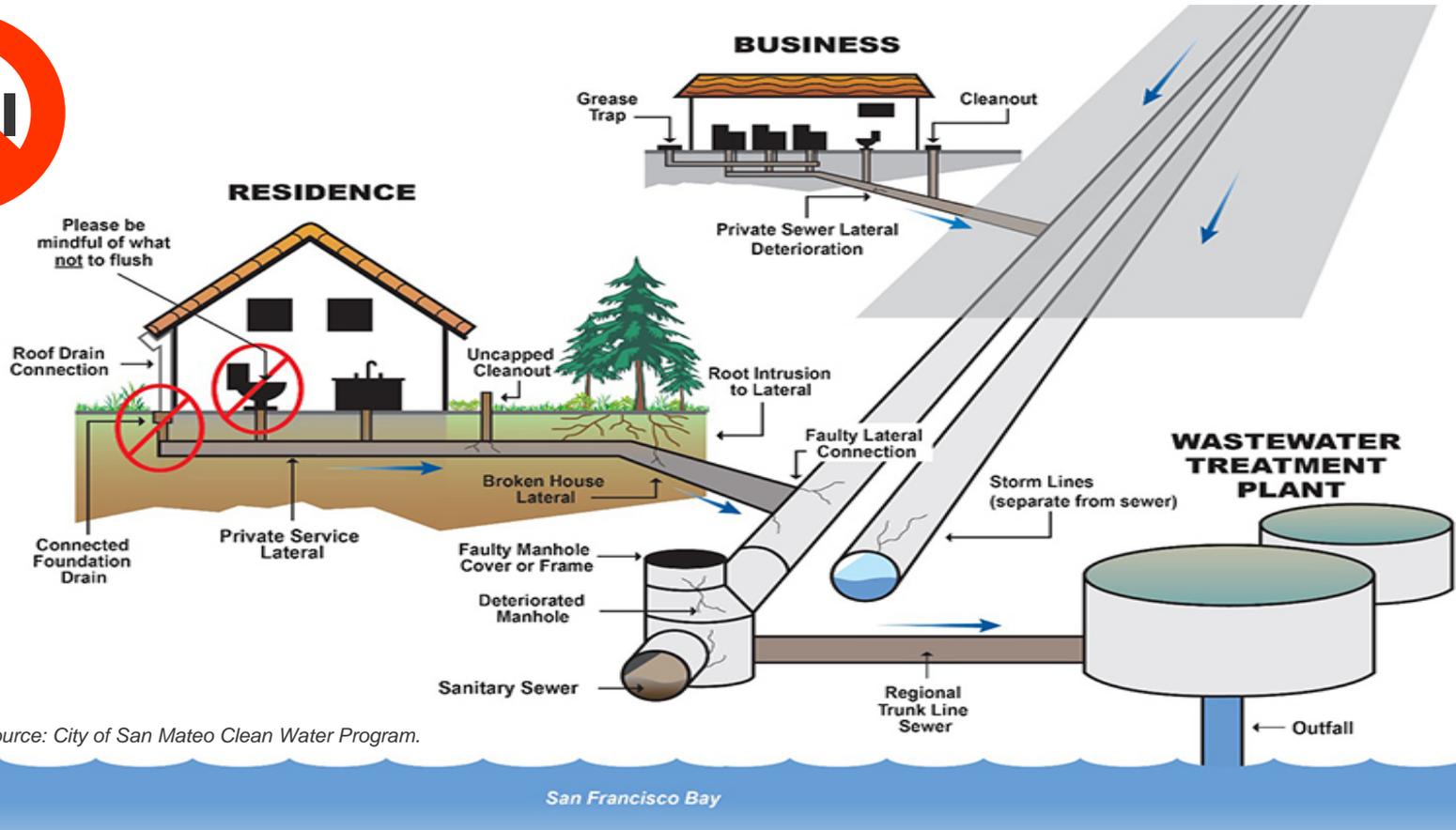
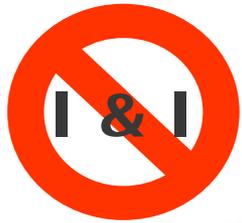
# DISTRICT INFORMATION

**SEWAGE FLOWS THROUGH TOWN OF HILLSBOROUGH AND CITY OF SAN MATEO TO THE CITY'S SEWAGE TREATMENT PLANT AT 2050 DETROIT DRIVE 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 (yrs) *	Number of Connections **	Equivalent Residential Units **	Downstream Transport Agency	Treatment Facility
Crystal Springs County Sanitation District	73	1,434	1,529	City of San Mateo	City of San Mateo

*\*Age based on District formation date*

*\*\* Based on 2019-20 Sewer Service Charge Report*

District	Miles of Pipe (Feet)	Percentage in Easements	Percentage in Streets
Crystal Springs County Sanitation District	18 mi (95,100 ft)	15%	85%

# SEWER/SANITATION DISTRICTS IN COUNTY GOVERNMENT

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

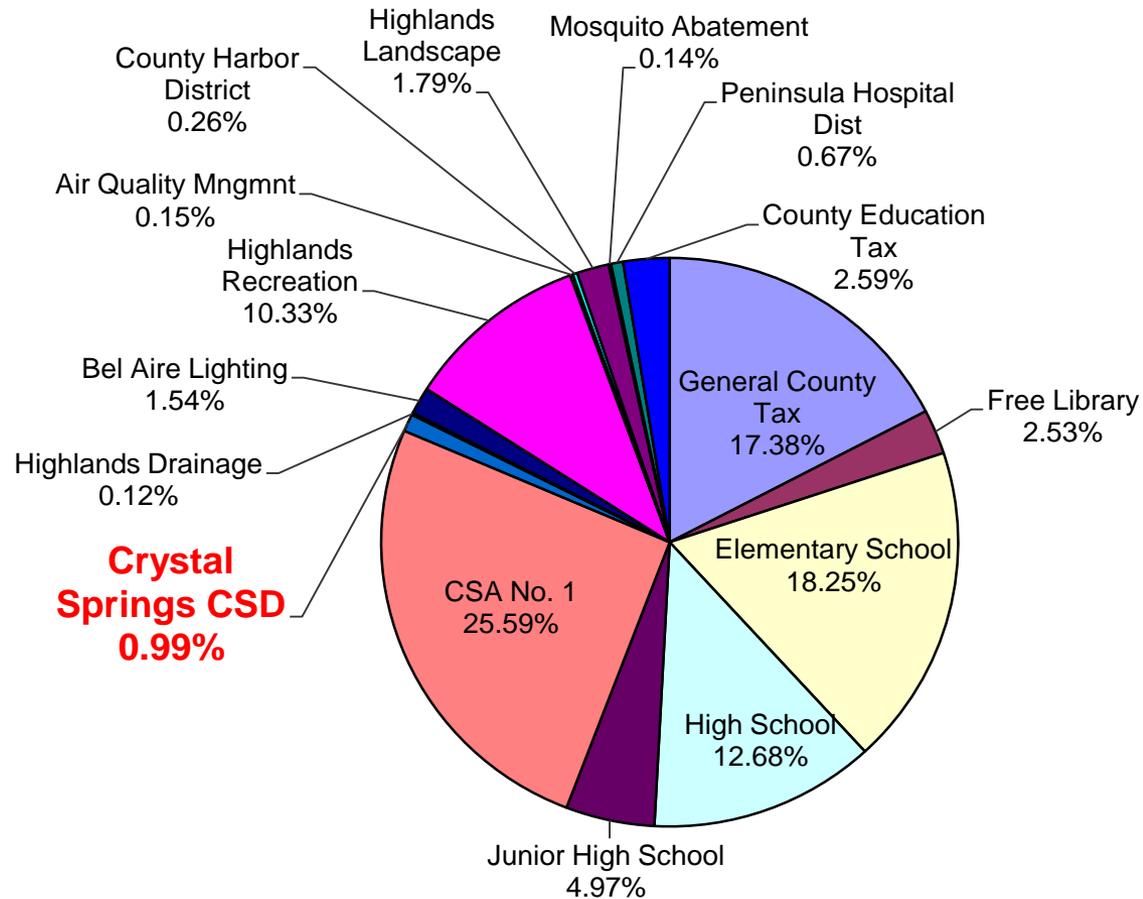
- Each District's Governing Board is the Board of Supervisors
- The District receives Sewer Service Charges and limited property taxes within the District boundaries to fund sewer service
- The Sewer Service Charges are a Fee For Service, Not a Tax
- The District collects Sewer Service Charges on the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



# WHERE DOES MY PROPERTY TAX MONEY

## GO?

### CSCSD Sample Property Tax Allocation (TRA 078-018)



Note: CSCSD allocation of a portion (0.99%) of the property tax is approximately \$71,900 per year.



# PROGRAMS, SERVICES AND COMPLIANCE

- The permanent repair of the Seneca Lane sewer main damaged by mudslide (2017 winter storms) was completed in 2020. Coordinated with FEMA/CalOES for partial reimbursement.
- Contributed to the purchase of shared maintenance equipment (Vac-Con flusher-vacuum truck)
- Sanitary Sewer Overflow (SSO) Response, Reporting, Water Quality Monitoring, and Public Awareness Program
- Provide 24/7 emergency response to clear blockages in private laterals and services during COVID-19 pandemic
- Paid \$119,231 annual loan payment to the State Revolving Fund for the completed 1999 Master Plan Capital Improvement Projects (\$1.95M loan)



# PROGRAMS, SERVICES AND COMPLIANCE

- ***Paid \$489,092 annual loan payment to County General Fund for District's share of the Crystal Springs/El Cerrito Sewer Trunk Line projects completed by the Town of Hillsborough and City of San Mateo (\$7.3M loan)***

## **1) Town of Hillsborough Project Elements:**

- ❖ ***Upsized 9,600 feet of 8-in. to 15-in. diameter pipes with 18-in. diameter pipes on Crystal Springs Road and El Cerrito Avenue***
- ❖ ***Project completed in Feb. 2017***
  - ***Final project cost - \$10,007,515***
- ❖ ***District share of project costs (paid with County loan proceeds):***
  - ***\$3,702,780 – 37% of eligible costs (based on wet weather flow)***

## **2) City of San Mateo Project Elements:**

- ❖ ***Constructed 10,000 feet of 27-in. and 30-in. diameter pipes as relief line for wet weather flows***
- ❖ ***Project completed in May 2017***
  - ***Final project cost - \$11,587,347***
- ❖ ***District share of project (paid with County loan proceeds):***
  - ***\$3,573,657 – 37% of eligible costs (based on wet weather flow)***

# PROGRAMS, SERVICES AND COMPLIANCE

## *SENECA LANE MUDSLIDE PERMANENT REPAIR*



← Before

**Mudslide  
Area**

After →



- Final construction cost - \$2.042 million
- Final total reimbursement from FEMA/CalOES - TBD

# PROGRAMS, SERVICES AND COMPLIANCE

## POLLUTION PREVENTION/PUBLIC AWARENESS PROGRAM



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For health-related coronavirus updates, go to [smchealth.org/coronavirus](https://smchealth.org/coronavirus). Questions about the Shelter in Place Order? Go to our [Shelter in Place FAQs](#). For the latest updates from the County, go to: [www.smcgov.org](https://www.smcgov.org).

Home > Services > Utilities

### Sewer Services



"FLUSHABLE" DOES *NOT* MEAN FLUSHABLE

Cleaning wipes, baby wipes, facial wipes, and paper towels are some of the biggest causes of (or contributors to) sewer back-ups in the County of San Mateo Sewer Districts. That's right - even if the package says "flushable" or "disposable", they should NEVER be flushed. They belong in the trash.

Flush only toilet paper, put trash in the trash can. Help prevent costly sewer problems and keep our environment safe from sanitary sewer backups and overflows!

FLUSH ONLY THE "3 P'S":

- Pee
- Poop
- toilet Paper
- No Wipes. No Paper Towels.

To report a sewer backup, call: (650) 363-4100 (24hr/day)

FIND MORE INFORMATION HERE »

In May 2020 due to COVID-19 shelter-in-place orders and to increase awareness about not flushing cleaning and sanitizing "flushable wipes" the above message was added to the sewer district website: <http://www.smcgov.org/sewers>

# PROGRAMS, SERVICES AND COMPLIANCE

## **POLLUTION PREVENTION/PUBLIC AWARENESS PROGRAM**

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

**CLOG**

**Did you know?**  
Cleaning wipes, baby wipes and facial wipes are one of the biggest causes for contributors to sewer back-ups in the County of San Mateo Sewer Districts. That's right- even if the package says "flushable" or "disposable", 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](http://www.smcgov.org/sewers) or call us at 650-363-4100.

Items shown: Cotton swabs & makeup pads, Tampons, maxi pads & their applicators/wrappers, Kitty litter, Syringes, Paper towels and shop towels, Diapers, Dental Floss, Plastics and food wrappers, Condoms and their wrappers, Hair, Prescription and OTC medications.

**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!

Beginning in 2012, brochures have been distributed to customers during service calls and mailed to customers 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 ADJUSTMENT

## *SANITARY SEWER OVERFLOWS (SSO)*

District	2015	2016	2017	2018	2019	2020 (to date)
CSCSD	4	0	6*	9*	3*	2

Primary Causes of SSOs: Roots, Paper Towels, and Heavy-duty Wipes.

3 (2017), 8 (2018) and 2 (2019) SSO occurrences due to Seneca Lane mudslide site.

Preventative maintenance on District sewer mains is being performed at 9 month frequencies.



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

# WHAT'S TAKEN PLACE SINCE LAST RATE ADJUSTMENT

## **REGULATORY COMPLIANCE CONTINUES:**

- **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**
  - **2009 Cease and Desist Order (CDO) - Annual Reports due May 15<sup>th</sup>:**
    - a) **Sewer System Cleaning and Root Control Program**
    - b) **Infrastructure Renewal**
    - c) **Progress of Short and Long Term Improvements**
    - d) **Reporting required until City of San Mateo CDO is dismissed**



# 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 system improvements.***



# RECOMMENDED CAPITAL IMPROVEMENT PROJECTS

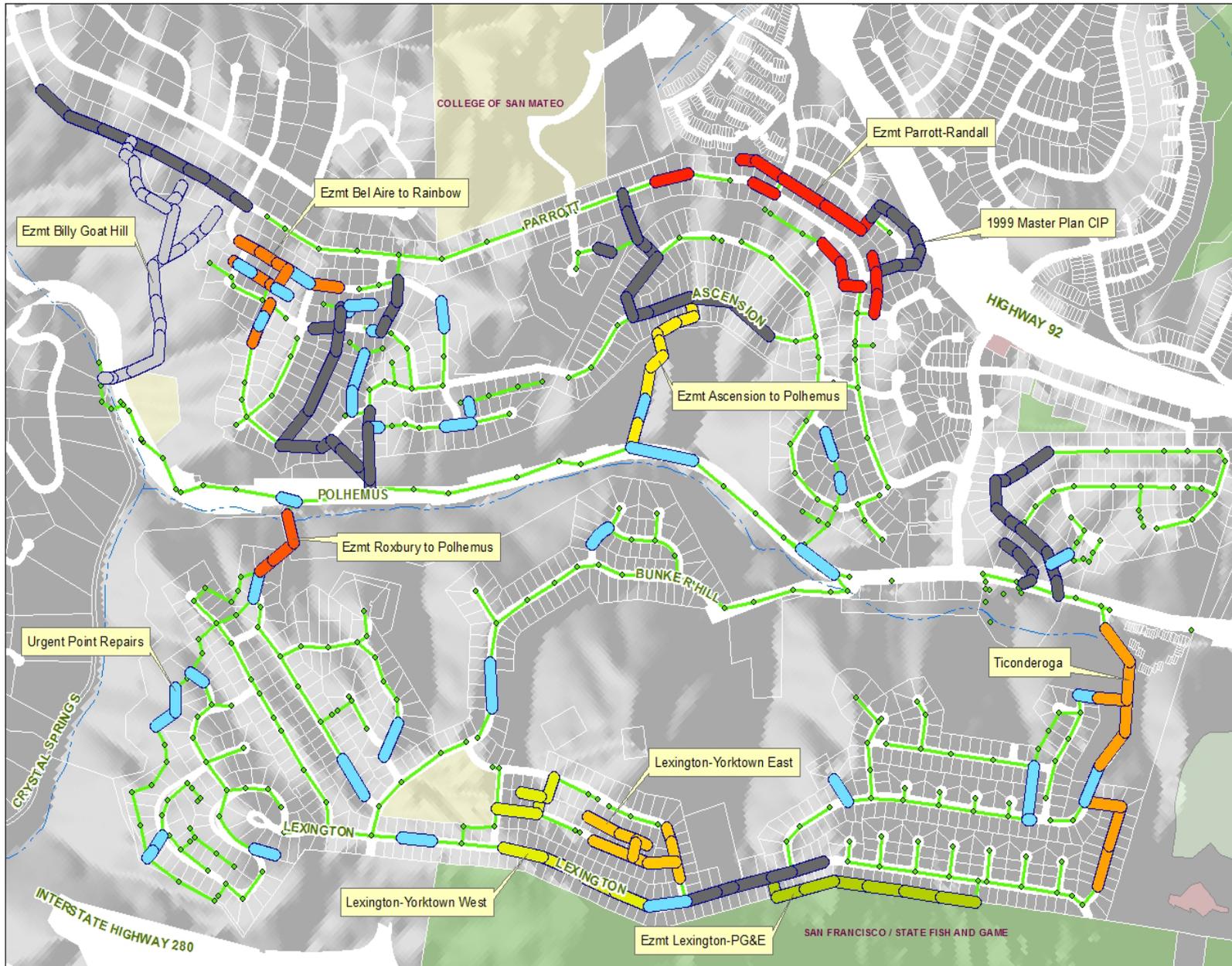


Crystal Springs  
County  
Sanitation District

Project  
Completed in  
2014 (SRF Loan)

## Legend

- 1999 Master Plan CIP
- Urgent Point Repairs
- Ezmt Parrott-Randall
- Ezmt Billy Goat Hill
- Ezmt Roxbury to Polhemus
- Ezmt Bel Aire to Rainbow
- Ticonderoga
- Lexington-Yorktown East
- Ezmt Ascension to Polhemus
- Lexington-Yorktown West
- Ezmt Lexington-PG&E



0 250 500 1,000  
Feet



# ***PRIORITY OF REMAINING CAPITAL IMPROVEMENT PROJECTS:***

<b><u>Project Location</u></b>	<b><u>Estimated Cost</u></b>
<b><i><u>Planned for FY 2020-21</u></i></b>	
Urgent Point Repairs (42 Locations)	\$275,660
<b><i><u>Future Projects</u></i></b>	
Easement between Parrott and Randall	\$772,900
Easement along Billy Goat Hill	\$973,800
Easement from Roxbury to Polhemus	\$233,200
Easement from Bel Aire to Rainbow	\$616,900
Ticonderoga (Upper Portion)	\$868,200
Lexington-Yorktown East	\$555,800
Easement from Ascension to Polhemus	\$431,600
Lexington-Yorktown West	\$761,000
Easement between Lexington and PG&E	\$635,400
<b>Total Cost for Future Projects ~ 16,700 feet of Pipe (18% of District mains)</b>	<b>\$5.848 M</b>

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

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

- ***Sewage Transport, Treatment, and Disposal***
- ***Downstream Agency Capital Improvement Projects***
  - ***City of San Mateo Clean Water Program (CWP)***
  - ***Current estimate of CSCSD's share of costs is estimated to be approximately \$1.7 million each year for 30 years with various City financing exclusively for the CWP expenses***

See <https://cleanwaterprogramsanmateo.org/> for updates about the ***Clean Water Program***

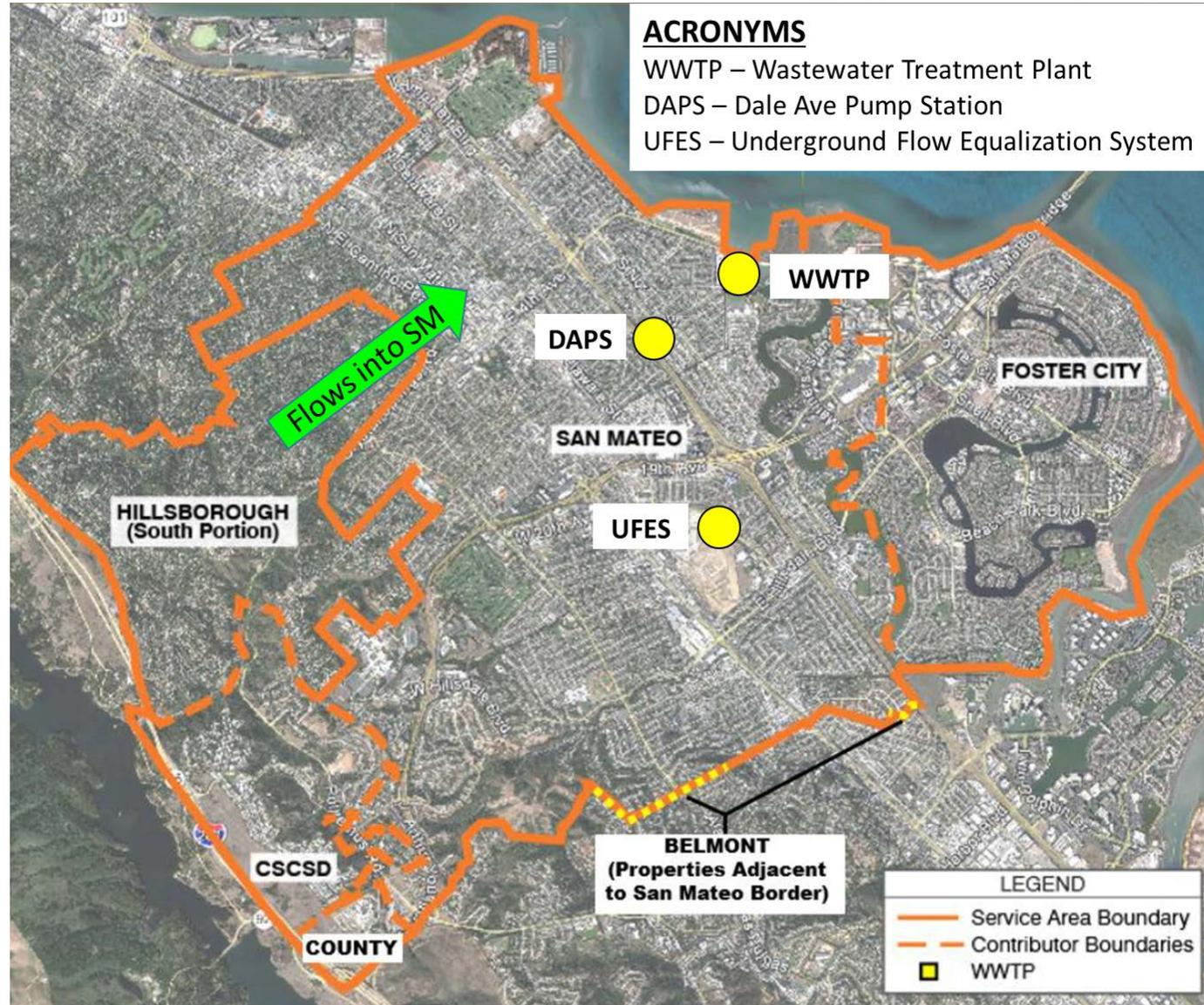


**City of San Mateo**  
Website: [City of San Mateo](https://www.cityofsanmateo.org/)  
Mail: Clean Water Program City of San Mateo 330 W. 20th Avenue San Mateo, CA 94403  
Telephone: (650) 727-6870  
Email: [info@CleanWater ProgramSanMateo.org](mailto:info@CleanWaterProgramSanMateo.org)

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

- City of San Mateo receives, conveys and treats wastewater from CSCSD and other regional customers in service area boundary.
- CSCSD's wastewater is conveyed through the Town of Hillsborough and City of San Mateo collection systems and Dale Ave Pump Station to the WWTP
- San Mateo, Foster City, Hillsborough, San Mateo County, and CSCSD each have a financial responsibility for the capital improvements.

Source: City of San Mateo Clean Water Program.



# PROPOSED RATE

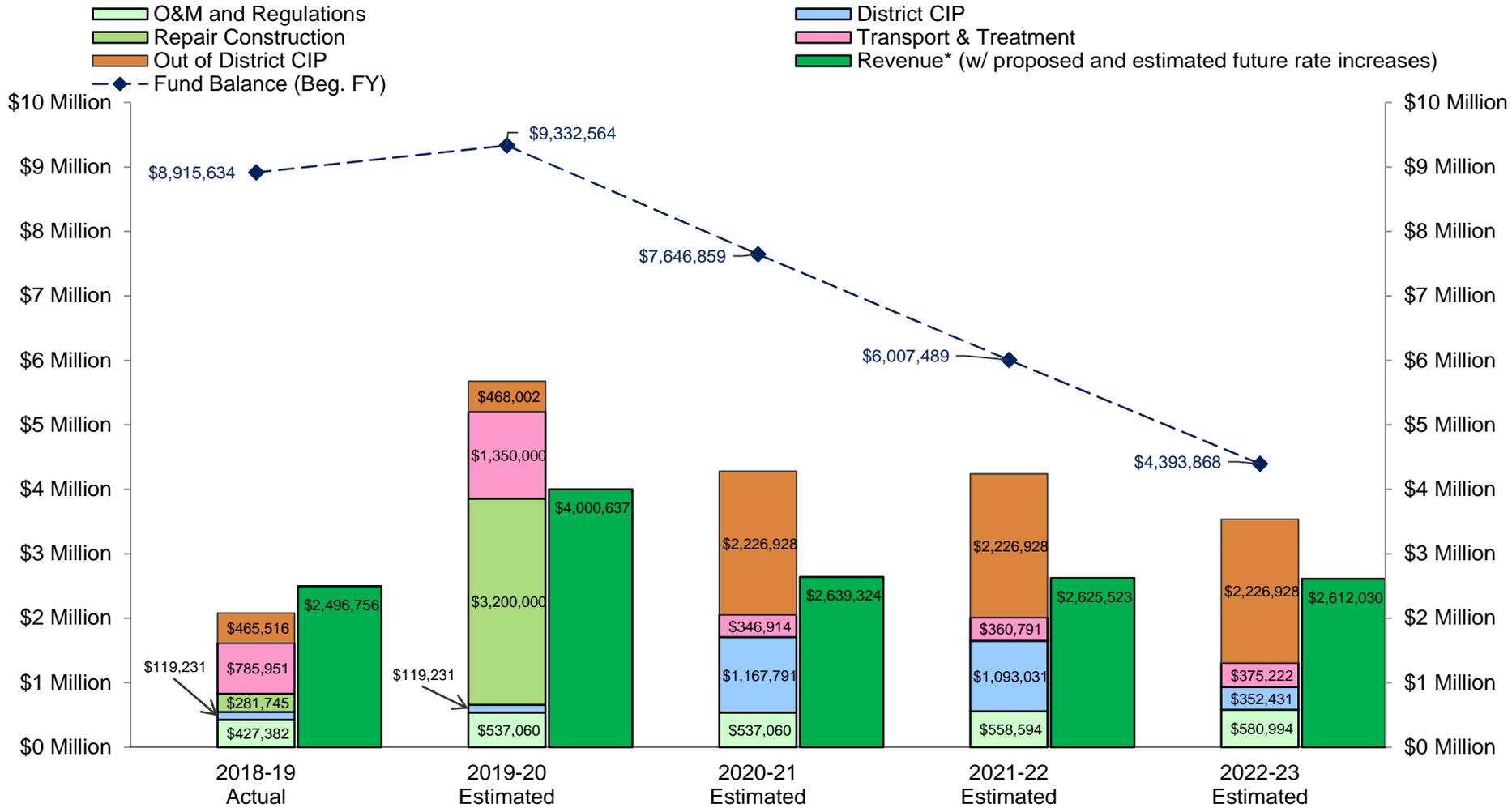
	Sewer Service Rate (\$/Year Per Equivalent Residential Unit)	
	Current Rate FY 2019-20	Proposed Rate
		FY 2020-21
<b>Crystal Springs County Sanitation District</b>	\$1,485	\$1,585 <i>(+ \$100/yr or \$8.33/mo)</i>

The proposed rate includes a 6.7% increase, equating to an \$100/equivalent residential unit or \$8.33/month/equivalent residential unit increase.

The proposed increase, by itself, is not adequate to pay the CSCSD's portion of the City's CWP, however, it improves the CSCSD's financial position to meet these requirements.

# ELEMENTS OF THE SEWER SERVICE RATES

## Crystal Springs CSD Expenditure & Revenue Comparison



\* Revenue may include: property taxes, interest, HOPTR, Sewer Service Charges, miscellaneous fees.

# RATE SETTING TIMELINE

<b>Key Dates</b>	<b>Actions</b>
June 2, 2020	Introduce Ordinance with proposed sewer service rate and set Public Hearing for July 21, 2020.
June 5, 2020	Send Proposition 218 notice (45 days prior to public hearing) to property owners with proposed rate.
July 21, 2020	Hold public hearing, adopt Ordinance setting rate, and adopt FY 2020-21 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**



# ***THANK YOU!***

***Please e-mail comments and questions to:***  
***[sewers@smcgov.org](mailto:sewers@smcgov.org)***

***Information is available on our website at:***  
***<http://www.smcgov.org/sewers>***



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*toilet*

