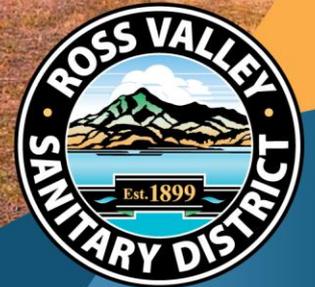


Putting Your Dollars to Work –
Protecting Public Health and the Environment

Fairfax Town Council – August 1, 2018



Ross Valley Sanitary District

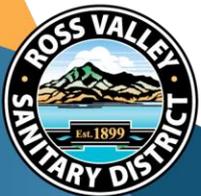
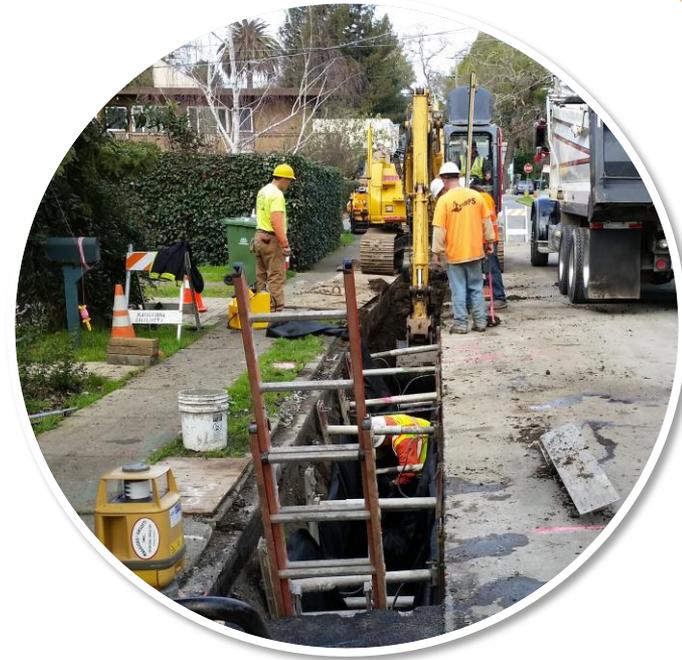
Ross Valley Sanitary District (RVSD)

Established in 1899. Dedicated to protecting public health and preserving the environment.

200 miles of collection sewer lines and 19 pumping stations **collect, pump and transport** approximately **4 million gallons of wastewater per day** to the Central Marin Sanitation Agency (CMSA) for treatment.

RVSD service area includes:

Fairfax, San Anselmo, Ross,
Larkspur, Bon Air, Sleepy Hollow,
Kentfield, Kent Woodlands,
Oak Manor and Greenbrae.



Capital Improvement Program (CIP)

Much of this infrastructure is over 100 years old.

RVSD is working to rehabilitate underground wastewater pipelines through a construction program that is spread out over more than ***34 miles of pipeline throughout Ross Valley.***

Capital Improvement Program (CIP) construction projects protect public health and the environment by reducing the risk of sewer overflows.

Since 2013, construction has been underway on projects to replace outdated system infrastructure and enhance local wastewater system reliability and efficiency.



1 Fairfax, Larkspur, San Anselmo Sewer Rehabilitation Projects
FY 2016/17 Gravity Sewer Rehabilitation Projects



2 Kentfield Pump Station 15 Improvements



3 Larkspur Pump Stations 12 (Bon Air Center) & 13 (Greenbrae) Rehabilitation



4 Ross Common/Upper Shady Lane Sewer Improvements
Large Diameter Gravity Sewer Project II-3A



5 San Anselmo (Nokomis & Meadowcroft) Sewer Improvements
FY 2016/17 Gravity Sewer Improvements



19 pump stations:
5 major pump stations
2 minor pump stations
12 lift stations

5,293 manholes
5,653 pipes

173 mi of small diameter gravity sewer
11.9 mi of trunk sewer
12.5 mi of large diameter gravity sewer
7.83 mi of force mains

Average age:
64 years

MAP LEGEND

Gravity Sewer Improvement Projects

- Project Areas**
- FY 2015/16 Gravity Sewer Improvements
 - FY 2016/17 Gravity Sewer Rehabilitation Projects
- Project Pipes**
- FY 2015/16 and 2016/17 Rehabilitation
 - FY 2016/17 Gravity Sewer Improvements

Large Diameter Gravity Sewer Rehabilitation Projects

- Large Diameter Gravity Sewer Project II-1
- Large Diameter Gravity Sewer Project II-2
- Large Diameter Gravity Sewer Project II-3A

Gravity Sewer System

- Gravity Sewer
- Large Diameter Gravity Sewer
- Manholes, Rodholes, Other

Pump Station Projects

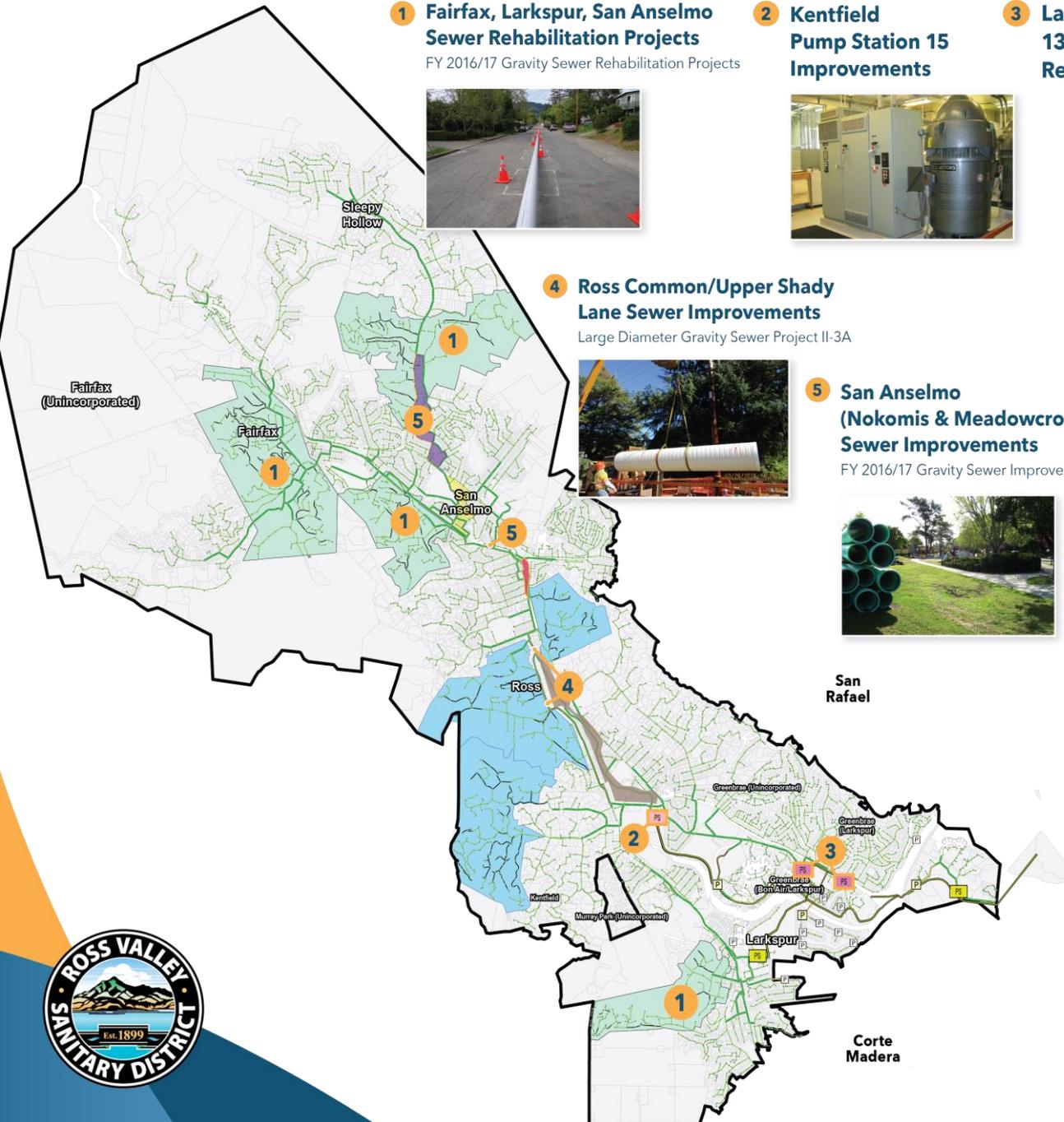
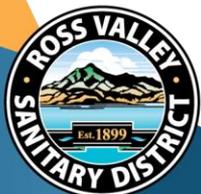
- PS Larkspur Pump Stations 12 (Bon Air Center) & 13 (Greenbrae) Rehabilitation
- PS Kentfield Pump Station 15 Improvements

Pump Stations

- PS Major Pump Station
- P Minor Station
- P Lift Station

Force Mains

- Major Pump Station
- Minor Pump Station
- Bypass
- Lift Station
- District Boundary



Rehabilitation Project

Fairfax, Larkspur and San Anselmo

Rehabilitate 42,000 linear feet (LF) of 6 to 8 inch sewer pipeline to:

- ✓ Replace old or outdated system infrastructure
- ✓ Enhance local wastewater system reliability and efficiency
- ✓ Improve system performance during wet weather

WHAT YOU CAN EXPECT

Please expect noise, dust, lane closures and detours, parking restrictions, travel delays and night-time work near the work sites during construction activity.

Written notification and road signage with specific construction dates to follow. Mail and package delivery to these areas will not be interrupted. Local and emergency access will be maintained at all times.



NOISE
& DUST



LANE CLOSURES
& DETOURS



PARKING
RESTRICTIONS



TRAVEL
DELAYS



NIGHT-TIME
WORK



Rehabilitation Project Work in Fairfax

Excavation

Completed pipe bursting work on:

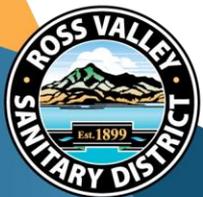
- ✓ Manor
- ✓ Scenic, from Acacia to Bay
- ✓ Acacia

August work (pipe bursting and open-cut):

- ✓ Scenic, from Bay to Redwood
- ✓ Forrest

Future work (pipe bursting and open-cut):

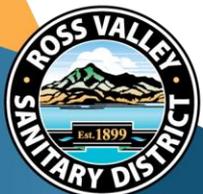
- ✓ Frustuck
- ✓ Fir Trail, Tamalpais at Shapiro, Manzanita below Mountain View



Rehabilitation Project Work in Fairfax

No Excavation

- Cured-in-place-pipe (CIPP) lining, 1-3 days per location
- RVSD advance notification followed by Contractor notification
- Future CIPP work (September through November, schedule pending):
 - ✓ Tamalpais from Sequoia to Spruce, #299 to #305, Shapiro to #542
 - ✓ Meernaa between #38 and #131
 - ✓ Scenic Rd from Ridge to Redwood
 - ✓ Acacia and Bay above Scenic
 - ✓ Wreden above Park
 - ✓ Various other locations including: Bolinas, Dominga, Spring, Spruce, Sequoia, Azalea, Hillside, Forrest, Fir Trail, 103 Redwood, Manzanita



Construction Notices



GENERAL ENGINEERING CONTRACTORS
LICENSE NUMBER 417996

NOTIFICATIONS TO LOCAL RESIDENTS & PROPERTY OWNERS

PROJECT OWNER: Ross Valley Sanitary District
PROJECT NAME: FY 2016/17 Gravity Sewer Rehabilitation Project

Work on Scenic Road will continue the following week. Expect road closures, detours and delays. Our work will begin at the lower part of Scenic Road. Roughly at **156 Scenic Road and continue all the way to 277 Scenic Road**. Due to the nature of the necessary work, road closures, delays and detours will be unavoidable. Detours will begin at the intersection of Manor Road and Scenic Road.

Schedule*:

HOURS: 8:00 a.m. to 5:00 p.m. Monday to Friday (except holidays)

DATES: July 24th – September 24th

Ranger will provide unobstructed access to driveways outside designated closures before 8:00 a.m. and after 5:00 p.m. each day, with delayed access between 8:00 a.m. and 5:00 p.m. Please note that emergency vehicles will be afforded access, so if you have an emergency, please dial 911. Also, if you have a **critical access need, please contact us immediately**, so that we may work on a solution. We thank you for your patience while we complete all work as quickly as safely possible.

We will make our utmost effort to minimize the disruption caused by these construction activities. However, we will need to verify sewer lateral lines coming from each property. Please remember that we are carrying out this work to repair/improve your existing sanitary sewer lines, and we greatly appreciate your patience with regards to our work.

If you have any questions please call:

- Ranger Pipelines at **415-822-3700** between **8:00am and 5:00pm**
- Justin Seufert, Project Construction Manager, Vali Cooper & Associates Inc **415-450-9565**
- 24-hour emergency line **1-800-876-3778**

You can also talk to our onsite supervisor at any time and he should be able to provide any information or assistance you may need.

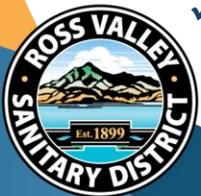
We would like to thank you in advance for your patience and cooperation needed to complete the work on this project, which aims to improve your sanitary sewer facilities for the years to come.

Sincerely,
Ranger Pipelines, Inc.



Roadway Impacts on Center and Sir Francis Drake

- Construction on Sir Francis Drake (near Cordone) will finish this week:
 - ✓ Lane closures on Sir Francis Drake will occur 9 a.m. to 3 p.m. between Cordone and El Cerrito.
- Construction on Sir Francis Drake below Broadmoor in August:
 - ✓ Potholing week of August 6 – Intermittent east- and westbound lane closures during the for potholing.
 - ✓ Pipe reaming in eastbound sidewalk from Sir Frances Drake High School to Broadmoor – Lane #2 closure eastbound.
- Construction across Sir Francis Drake at Broadmoor in early September:
 - ✓ Lane closures will take place in one-direction with both lanes closed (first east- then westbound).
 - ✓ Single-lane traffic control will be in place.
- Construction on Center Blvd near Madrone in October:
 - ✓ A lane closure for approximately 2 days.



More Information:

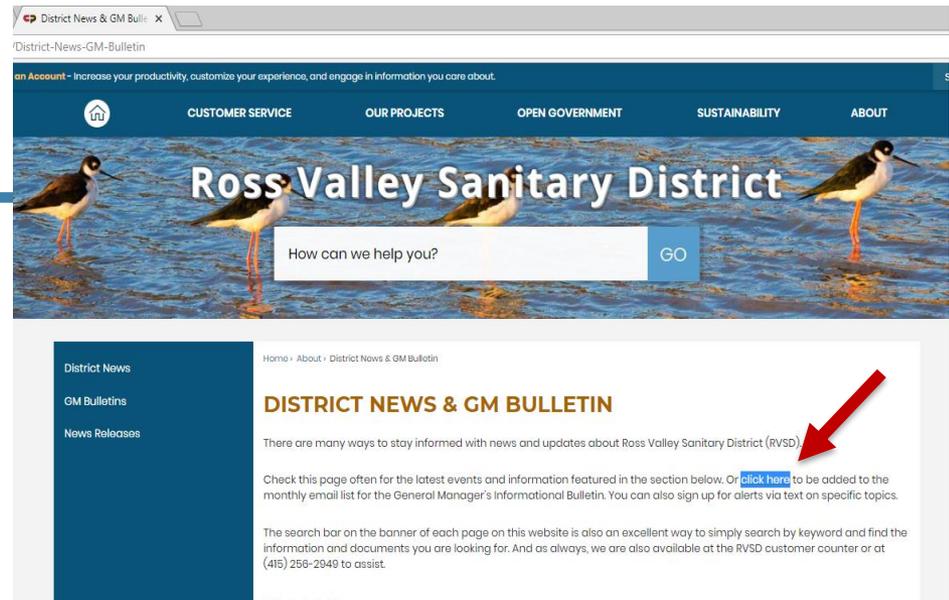
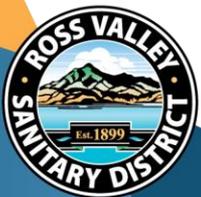
- Visit www.RVSD.org “Updates” and click on the link to be added to the mass email list for monthly updates.

- Email Construction@rvsd.org

- Call the RVSD **Construction Hotline** at 415-413-7805 if you have questions.

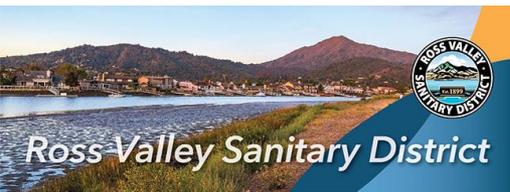
- Visit www.rvsd.org/construction to find out if there will be any construction in your neighborhood.

- RVSD office staff are available Monday through Friday from 7:30 a.m. to 4 p.m. We can assist you with emergency service 24 hours per day, seven days per week. **Our office and emergency number is 415-259-2949.**



More Information:

Ads in the Marin IJ and PacSun News; Construction Notices mailed out; Project site street banners to inform the community; Online CIP Updates; GM Bulletins.



 **Your dollars at work –**
Protecting Public Health and the Environment

We have started construction on projects to replace outdated infrastructure and enhance local wastewater system reliability.

These projects are needed to protect public health and the environment by reducing the risk of sewer overflows.

We will continue to work with the community to complete replacement of the 80-90% of outdated sewer laterals that still remain.



MORE INFORMATION ABOUT CONSTRUCTION IN YOUR AREA

Visit: www.RVSD.org/construction
Email: Construction@rvsd.org
Call: Construction Hotline (415) 413-7805

www.RVSD.org

RANGER PIPELINES INC.



GENERAL ENGINEERING CONTRACTORS
LICENSE NUMBER 417996

REMINDER

NOTIFICATIONS TO LOCAL RESIDENTS & PROPERTY OWNERS

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PROJECT NAME: FY 2016/17 Gravity Sewer Rehabilitation Project

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Schedule*:

HOURS: 8:00 a.m. to 5:00 p.m. Monday to Friday (except holidays)

DATES: July 31- August 21.

Ranger will provide unobstructed access to driveways outside designated closures before 8:00 a.m. and after 5:00 p.m. each day, with delayed access between 8:00 a.m. and 5:00 p.m. Please note that emergency vehicles will be afforded access, so if you have an emergency, please dial 911. Also, if you have a **critical access need, please contact us immediately**, so that we may work on a solution. We thank you for your patience while we complete all work as quickly as safely possible.

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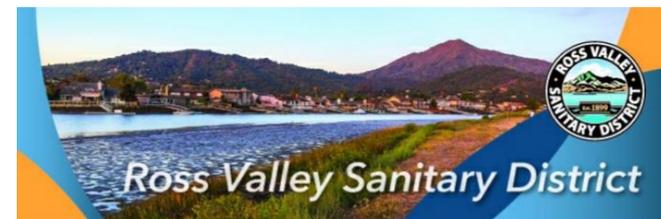
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You can also talk to our onsite supervisor at any time and he should be able to provide any information or assistance you may need.

We would like to thank you in advance for your patience and cooperation needed to complete the work on this project, which aims to improve your sanitary sewer facilities for the years to come.

Sincerely,
Ranger Pipelines, Inc.



General Manager's Monthly Bulletin

June 2018

Ross Valley Sanitary District provides this monthly news bulletin of current notable activity and events to stay connected to the community we serve. We welcome your feedback on any information in the bulletin and if at any time you no longer prefer to receive this information, simply unsubscribe using the link below.

For more information, visit www.RVSD.org.

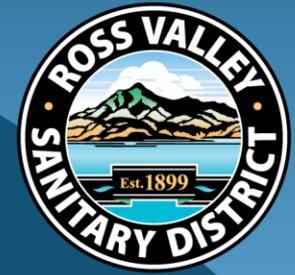
Adoption of Fiscal Year (FY) 2018-19 Budget: The RVSD Board unanimously approved the District's FY 2018-19 Budget. As with many other Marin County government agencies, RVSD's Fiscal Year (FY) runs from July 1 through June 30. Our budget is organized along two primary revenue and spending categories: Operations and Maintenance (O&M) and Capital. RVSD's primary revenue sources are wastewater utility service rates and ad valorem (property tax) revenue. Rate revenue is used first to pay for O&M expenses, with any remaining funds then allocated to capital expenses. Ad valorem (property tax) revenue is used exclusively for capital expenses.

The District's FY 2018-19 O&M budget is \$18 million and the Capital budget, including

Completing this work is vital to achieving our goals:

- Protect public health and the environment by reducing the risk of sewer overflows.
- Continue working with the community to replace outdated sewer laterals that still remain.
- Lateral replacement grants and loans are available! More information at: www.rvsd.org/175/Laterals-Permits
- Help RVSD ensure that service is provided at the “lowest sustainable cost.”





Thank you!

For helping us in our mission to provide customers with highest quality wastewater collection service through a system that has no avoidable sanitary sewer overflows at the lowest sustainable cost.