

## A G E N D A

SAN RAFAEL SANITATION DISTRICT  
BOARD OF DIRECTORS  
THURSDAY – OCTOBER 1, 2020 - 11:00 A.M.  
Join Zoom Meeting at <https://zoom.us/j/98759539676>

Meeting ID: 987 5953 9676

**Or by Phone:**

**One tap mobile**

+16699006833,,98759539676# US (San Jose)

**Dial by your location**

+1 669 900 6833 US (San Jose)

**Meeting ID: 987 5953 9676**

**Find your local number: : <https://zoom.us/u/avFIY5bf>**

### CORONAVIRUS (COVID-19) ADVISORY NOTICE

In response to Governor Newsom's Executive Order N-29-20, the San Rafael Sanitation District will no longer offer an in-person meeting location for the public to attend. This meeting will be available by virtual and teleconference.

If you experience an issue providing comments in the meeting or have any questions regarding the meeting, please contact the District Clerk (email [cindy.hernandez@cityofsanrafael.org](mailto:cindy.hernandez@cityofsanrafael.org) or phone 415-485-3132).

**Members of the public may speak on Agenda items.**

#### **1. OPEN PERIOD**

Opportunity for the public to address the Board on items not on the agenda.  
(Presentations are generally limited to 2 minutes.)

#### **2. MINUTES OF THE MEETING**

None.

#### **3. PAYMENTS**

None.

#### **4. OLD BUSINESS**

- a. Presentation update and discussion on Woodland Avenue Sewer Improvement Project (Schaaf & Wheeler).

**5. NEW BUSINESS**

- a. None scheduled.

**6. INFORMATIONAL ITEMS**

**7. DIRECTOR REPORTS/REQUESTS FOR FUTURE AGENDA ITEMS**

**8. CLOSED SESSION**

- a. **Conference with Legal Counsel-Existing Litigation**

California Government Code section 54956.9(d)(1).

Name of Case: *Buettner, et al. v. SRSD, et al.*; Marin County Superior Court, Case No. CIV-2000520

**9. ADJOURNMENT**

The next scheduled meeting is November 5, 2020.

**San Rafael Sanitation District**  
**Woodland Avenue Sewer**  
**Improvement Project,**  
**Project Update**

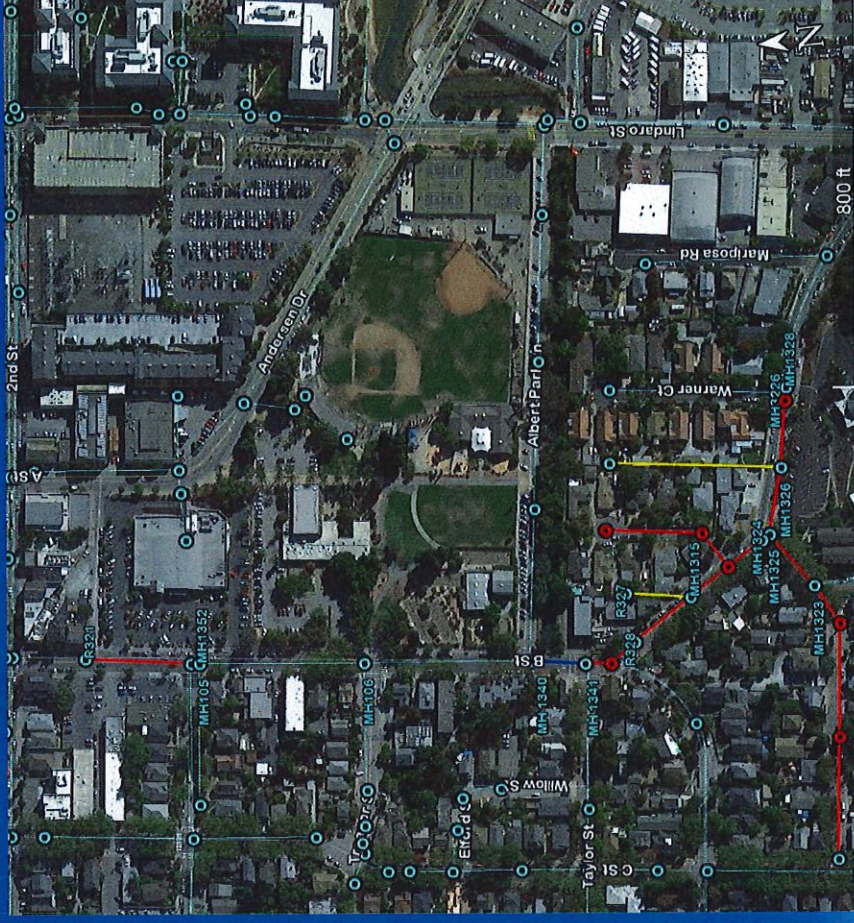
October 1, 2020

**Schaaf & Wheeler**  
CONSULTING CIVIL ENGINEERS



# Woodland Avenue Sewer Improvement Project

- Pipe Replacement on B Street and Octavia Street
- Re-Slope sewer in Woodland Ave to eliminate low point at Warner Ct
- Address Condition Related Issues and Maintenance Concerns on Woodland Place

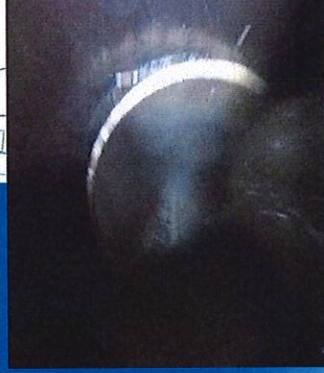
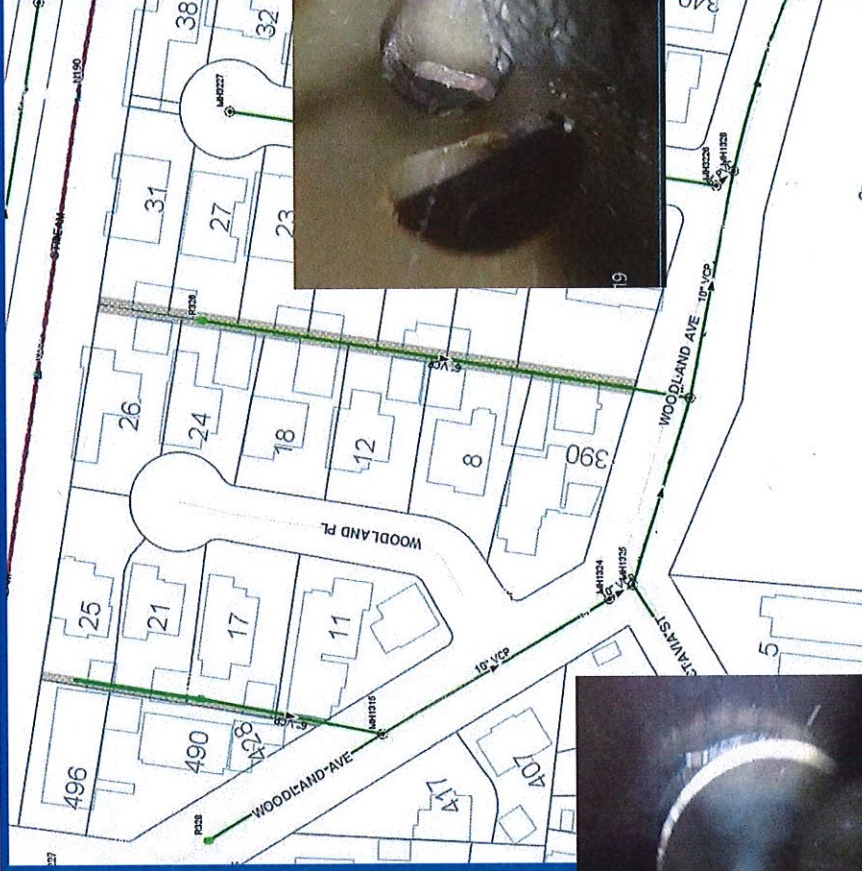


**Schaaf & Wheeler**  
CONSULTING CIVIL ENGINEERS

October 1, 2020

# Woodland Place – Existing Sewer

- Pipes are in Poor Condition
- Pipes have significant sags
- Sewage Backups
- Cannot Adequately Inspect and Maintain
- Increased Maintenance Requirements (6 Times/Yr)



October 1, 2020



**Schaaf & Wheeler**  
CONSULTING CIVIL ENGINEERS

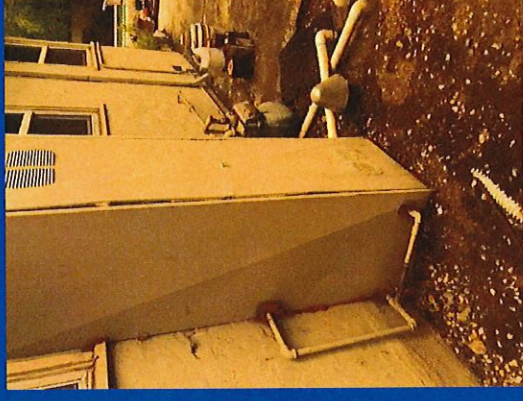
# Project Status

## Completed:

- Initial Project Outreach & Coordination
- Field Investigations
- Lateral Dye Testing
- Confirmed feasibility of rerouting laterals to Woodland Place

## Upcoming:

- Utility Potholing
- Detailed Design
- Decision Regarding Woodland Place Design Alternative, and Lateral Responsibility
- Community Outreach



October 1, 2020

**Schaaf & Wheeler**  
CONSULTING CIVIL ENGINEERS

# Woodland Place Alternatives

- Spot Repair & Cured-In-Place Pipe (CIPP)
  - Does not alleviate sags, surcharging, access issues, and limited cover.
  - Will result in ongoing maintenance issues and potential backups.
- Pipe Bursting/Reaming
  - Not viable due to shallow depth and proximity to building foundations.
- Horizontal Directional Drilling (HDD)
  - Not feasible due to limited depth, proximity to building foundations.
  - Does not address long-term maintenance and access issues
- Open Trench Replacement (in Current Location)
  - Not viable due to proximity to buildings (under at least one building).
  - Does not address long-term maintenance and access issues.
  - Construction cost would be similar to new sewer main in the street.



October 1, 2020

**Schaaf & Wheeler**  
CONSULTING CIVIL ENGINEERS

# Woodland Place –Relocation Alternative

- New Sewer Main in Woodland Place
- Relocation and extension of sewer laterals
  - Requires removing and replacing landscaping, driveways, and other private improvements
- Abandon Existing Sewer Mains in Easements



October 1, 2020



**Schaaf & Wheeler**  
CONSULTING CIVIL ENGINEERS



# Preliminary Construction Cost Estimate

- Total Project Excluding Woodland Place = \$1,400,000
- Woodland Place Spot Repair and CIPP
  - Spot repairs, CIPP Lining, Etc. = \$200,000
  - **Total Project Cost = \$1,600,000**
- Woodland Place Sewer Main Relocation:
  - Sewer Main and Lower Lateral = \$240,000
  - **Total Project Cost Excluding Upper Lateral = \$1,640,000**
- Upper Lateral (11 @ \$16,000 avg. cost) = \$176,000
- Investigations & Design of Upper Lateral (Est. 11 @ \$3,000) = \$33,000
- **Total Project Cost w/ Upper Lateral = \$1,850,000**

Upper Lateral Cost:  
\$4k to \$30k Each  
Driveway,  
landscaping, etc.



October 1, 2020

**Schaaf & Wheeler**  
CONSULTING CIVIL ENGINEERS

# Upper Lateral Responsibility

- Upper Lateral Responsibility Options (between property line and building)

Option	Benefits	Shortcomings
Property Owner Installation	<ul style="list-style-type: none"> <li>• Reduces District Liability</li> <li>• Reduces District costs</li> </ul>	<ul style="list-style-type: none"> <li>• All laterals may not be re-routed by deadline.</li> <li>• Financial burden on property owners</li> <li>• Continued maintenance on sewer mains in easements until all laterals are relocated (several years?)</li> <li>• Potential for backups and SSOs</li> </ul>
District Installation	<ul style="list-style-type: none"> <li>• Eliminates financial burden on property owners</li> <li>• Allows District to abandon sewer mains in easements</li> <li>• Reduces potential for Backups and SSOs</li> </ul>	<ul style="list-style-type: none"> <li>• Potential for Claims and Liability for Property damages during construction</li> <li>• May require modifications within buildings</li> <li>• Requires extensive site investigations &amp; outreach to design laterals</li> </ul>



# Upper Lateral – Property Owner Installation

- Financial Assistance Options to Offer to Property Owners:
  - District Offer to Prepare Design
  - Rebate: Reimburse property owner % of cost w/ maximum reimbursement (example: 50% reimbursement up to \$4,000)
  - Loan: (example: \$20,000, 10-year, 4%)
    - Consider adding to Annual Sewer Charges on Property Tax Bill
  - District’s Contractor Installation:
    - Separate agreement w/ property owner, or
    - District prepare design, pay upfront cost, and establish repayment methods (loan, add to sewer service charge, etc.)



October 1, 2020

**Schaaf & Wheeler**  
CONSULTING CIVIL ENGINEERS

# Upcoming Work

- Decision Regarding Woodland Place Design Alternative
- Establish Responsibility for Lateral Replacement
  - If Property Owner Responsible:
    - Consider methods for funding assistance
    - Consider assisting with design and planning efforts
    - Establish timeframe for compliance
    - Establish methods for enforcement
  - If District Responsible:
    - Detailed Site Investigations, Property Owner Coordination, and Design.
- Utility Potholing
- Detailed Design
- Outreach to Property Owners



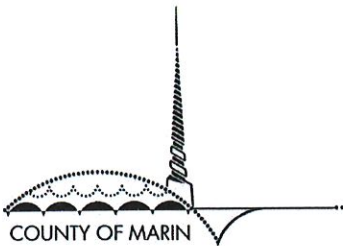
October 1, 2020

# Questions?

October 1, 2020

**Schaaf & Wheeler**  
CONSULTING CIVIL ENGINEERS





OFFICE OF THE  
COUNTY COUNSEL

September 29, 2020

Brian E. Washington  
COUNTY COUNSEL

**CONFIDENTIAL**

Renee Giacomini Brewer  
ASSISTANT COUNTY COUNSEL

Board of Directors  
San Rafael Sanitation District (SRSD)  
111 Morpew Street  
San Rafael, CA 94901

Jenna J. Brady  
CHIEF DEPUTY COUNTY COUNSEL

Patrick M. K. Richardson  
Stephen R. Raab  
Steven M. Perl  
Brian C. Case  
Kerry L. Gerchow  
Tarisha K. Bal  
Deidre K. Smith  
Brandon W. Haller  
Sarah B. Anker  
Jacy C. Dardine  
Kate K. Stanford

**Re: Closed Session – Conference with Legal Counsel—Existing Litigation**

Dear Board Members:

I request that you conduct a closed session during your regular meeting on October 1, 2020, to discuss pending litigation involving the San Rafael Sanitation District. In my opinion, public discussion of this matter would prejudice your position.

The specific reasons and the legal authority for the closed session are:

Government Code section 54956.9(d)(1). The title of the case or adjudicatory proceeding is *Buettner et al. v. San Rafael Sanitation District, et al.*, which is pending in the Superior Court of the State of California, in and for the County of Marin, Case No. CIV-2000520.

It should be noted that Government Code section 54954.5 requires the Board to post a Closed Session item on the Board Agenda. With respect to the above referenced matter, the agenda description should read as follows:

**CONFERENCE WITH LEGAL COUNSEL - EXISTING LITIGATION**  
**California Government Code section 54956.9(d)(1).**  
**Name of Case: *Buettner et al. v. San Rafael Sanitation District, et al.*;**  
**Marin County Superior Court, Case No. CIV-2000520**

Should you have any further questions, please contact me.

Very truly yours,

Kerry Gerchow  
Deputy County Counsel

Marin County Civic Center  
3501 Civic Center Drive  
Suite 275  
San Rafael, CA 94903  
415 473 6117 T  
415 473 3796 F  
415 473 2226 TTY  
www.marincounty.org/cl