Russian River County Sanitation District
Infrastructure, Budget, and Rates
Lower Russian River Municipal Advisory Council Meeting
February 17, 2022

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sonomawater.ca.gov

Russian River County Sanitation District
Infrastructure, Budget, and Rates

• Brief Overview of the District - Operations & Maintenance and Infrastructure Projects
• FY2022-2023 Proposed Projects and Budget
• FY2022-2023 Proposed Rates
• Public Outreach and Education
• Questions
Russian River County Sanitation District

- Service area of 2,700 acres
- Plant became operational 1983
- Sonoma Water took over operations & maintenance in 1995
- Designed to treat an average dry weather flow of up to 0.71 million gallons per day to advanced (tertiary) wastewater treatment standards

45.4 Miles of Collection System

Completed a Sanitary Sewer Capacity Assessment, and Computer Model of Collection System

More than 60,000 Linear Feet Cleaned Annually; CCTV Video Inspections Conducted Annually to Inform Maintenance Needs
Eleven Lift Stations

Lift Station Pumps - Maintenance
Russian River County Sanitation District

2004 Upgrade: Third Unit Processes

Aeration Basin, Secondary Clarifier, and a Replacement Tertiary Filtration System ($4.2M State Loan through 2024)
2011 Upgrade: Ultra Violet (UV) Disinfection System

$3.9M with $1.9M in state loan forgiveness, $2M interest free state loan through 2032

2014 Upgrade: Two Extended Aeration Biological Nutrient Removal Activated Sludge Basins ($2.8M)

to reduce nitrogen and phosphorus based nutrient discharges to the Russian River
Three Secondary Clarifiers
2022 Seismic Retrofits
$3.1M with $2.28M FEMA Grant

Two Holding Ponds: 4.5-Million Gallon
Storage Capacity
Irrigation System

16,500 Feet of Irrigation Piping
Between May 15 and September 30,
treated wastewater irrigates forests outside the plant
and on 43 acres at Northwood Golf Course: $680,000

FY2022-2023 Proposed Projects

Force Main, Headworks, and Lift Station Upgrade
10 Years $8M+ with Offsetting State Grant
FY2022-2023 Proposed Projects

Lift Station Electrical Resiliency Project (Vacation Beach) and Electrical Service Replacement (3 Lift Stations) – 6 Years, $6M

FY2022-2023 Proposed Projects

UV System Retrofit
4 Years $1.3M

Main Lift Underground Diesel Tank Replacement
3 Years $1M

Plans: $750,000
- Local Hazard Mitigation Plan Update
- Treatment Plant Master Plan
Russian River County Sanitation District FY2022-2023 Draft Proposed Expenditures $9.5 M

- Capital Projects $2.10 M 22%
- Operations and Maintenance $4.50 M 48%
- Maintenance Projects $2.50 M 26%
- Debt Service $0.40 M 4%

Russian River County Sanitation FY22-23 Draft Proposed Revenue $9.5M

- Grant Funding & Contributions $3.6 M 38%
- Sewer Service Charges $5.9 M 62%
FY 2022/2023 Proposed Rate Increase

<table>
<thead>
<tr>
<th>ESDs</th>
<th>Annual Rate Per ESD</th>
<th>Annual Increase per ESD</th>
<th>Monthly Rate per ESD</th>
<th>Monthly Increase per ESD</th>
<th>Rate Increase</th>
<th>Revenue Increase</th>
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<tbody>
<tr>
<td>FY 21-22 Draft Proposed FY 22-23</td>
<td>3,214</td>
<td>$1,774</td>
<td>$68</td>
<td>$148</td>
<td>$5.7</td>
<td>4.00%</td>
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Notes:
ESD = Equivalent Single Family Dwelling
Number of Parcels in the District: 2,500
Estimated District Population: 7,300
4.8% Average Rate Increase Over 10 Years

Public Outreach

- Tours of sanitation facilities on hold due to Pandemic
- Annual Prop. 218 Newsletters
Public Outreach

DO FLUSH
The following can be flushed down the toilet.

DO NOT FLUSH
The following cannot go in the toilet as they can clog pipes and septic systems.

www.sonomawater.org/rrcsd
Water Use Efficiency Rebates

www.sonomawater.org/rrcsd