



# County Service Area No. 29 - North Coast Sewer

## Administration

- County of Ventura, Supervisorial District No. 1.
- The County of Ventura Board of Supervisors is the governing Board.
- County of Ventura Public Works Agency (PWA) Water and Sanitation owns and manages the sewer system.
- PWA Water and Sanitation operation and maintenance (O&M) began September 2021; Historical O&M by the Ventura Regional Sanitation District through a contract with the County of Ventura.

## Overview

- Formed December 15, 1978
- Area served: The coastal communities of North Coast including Mussel Shoals, Seacliff, Faria, Solimar Beach and Ventura Beach RV Resort.
- Size of District: Encompasses approximately 858 acres
- Population Served: Approximately 809
- The North Coast Sewer System is a Septic Tank Effluent Pump (STEP) system in operation since 1982.
- Sewage is discharged to the City of Ventura sewer collection system for treatment and disposal.
- Number of Sewer Service Accounts: 309

## Infrastructure

### A Septic Tank Effluent Pump (STEP) System

Sewer Service Connections	309
Miles of Sewer Lines (Force Main and Gravity Lines)	10
Miles of Electrical Conduit	3.6
Step and Grinder Tanks	179
Lift Stations	4

## Major Projects Completed in the Last 10 Years

### Development

- *Approx. 20 new STEP tanks were constructed to replace old tanks and reduce loading*

### O&M

- *On-going replacement of pumps and controls for STEP tanks*
- *Section of sewer force main replaced in Mussel Shoals*
- *Upgrade SCADA and system alarm communications*

## Major Projects Ongoing / Planned

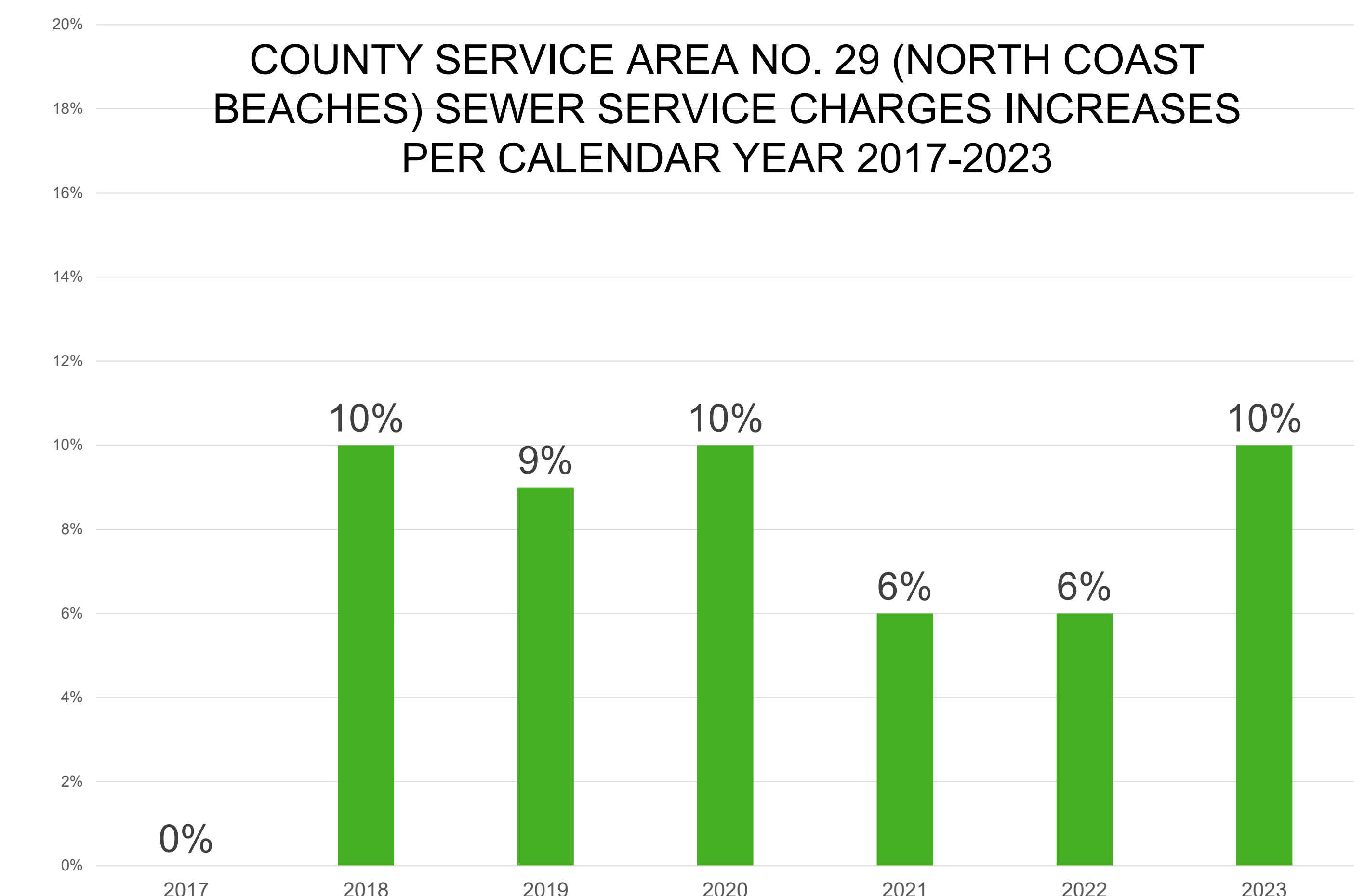
### CIP Sanitation

- *Phase II – Engineering assessment study with recommendations for CIP program*
- *Replace sewer force main & STEP pump as needed*
- *Relocate sewer line at Caltrans bridge – Willow Creek Crossing*

### O&M and Development

- On-going, similar to present

## Rate Increase History/Year Percentage Increase



## Challenges

- Small customer base and high operations costs in Ventura County
- Historically, the budget balanced only for on-going O&M expenses, with no savings for infrastructure replacement (except for existing fund balance).
- Higher incidence of sewer spills, due to abuse of STEP tank systems by residents/vacation rentals, and challenges of remote location and alarm system
- Aging system is reaching end of design life
- Odor complaints from residents.