



**Providing quality service in wastewater collection and environmental protection for more than 50 years.**

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*Dear Customer,*

*It has been a very productive year for the Goleta West Sanitary District and we are pleased to share some highlights with you.*

*This year alone, GWSD processed over 550 million gallons of wastewater. This equals approximately 1.6 million gallons per day that our customers produce throughout the western Goleta Valley and Isla Vista.*

*The District met its key operations and maintenance goals for the year, resulting in zero sewer overflows. Our street sweeping program removed more than 200 tons of debris and pollutants that would otherwise have ended up in the storm drain system and potentially in our creeks and ocean.*

*We continued to improve our infrastructure this year with two significant projects. First, we completed the Embarcadero Del Norte Sewer Replacement Project, installing new pipes that will serve our customers well into the future. Excellent progress was made on the Wastewater Treatment Plant Upgrade Project, which is currently ahead of schedule and expected to be completed by fall 2013. Goleta West Sanitary District is responsible for just over 40% of project costs and has the funds already set aside.*

*As part of our on-going outreach efforts we again participated in the Goleta Lemon Festival and the PEP Touch-a-Truck fundraiser. Our staff always enjoys these opportunities to increase awareness of the benefits of good environmental practices to our community's health and wellbeing.*

*Additionally, we continue to fund the Isla Vista Recreation and Park District's Adopt-A-Block program; a volunteer effort to keep trash off the streets (and ultimately out of the ocean) in Isla Vista. This year the program removed nearly 250,000 pounds of trash and this Halloween alone 1,100 bags of trash were collected.*

*The Goleta West Sanitary District continues to be committed to providing you with safe, reliable service while protecting our environment in a fiscally prudent manner. On behalf of your GWSD Staff and Board of Directors, I wish you Happy Holidays and all the best in 2013.*

*Sincerely,*  
  
Larry D. Meyer, President  
Goleta West Sanitary District, Board of Directors



**Happy Holidays and Happy New Year**



**Meet Brian McCarthy**

**Brian McCarthy is Goleta West Sanitary District's Chief Inspector. He has spent 24 years in the wastewater/water quality field, including 10 years with GWSD.**

Brian's primary duties include supervising and training field staff, conducting construction inspections, and administering the District's pretreatment program which includes performing regular inspections of local businesses and industries, wastewater sampling and ongoing reporting to regulatory authorities.

Brian has a bachelor's degree in biology and lives in the area with his wife and two children.

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**www.GoletaWest.com**

# Goleta West Sanitary District Newsletter

Winter 2012

**GOLETA WEST**  
SANITARY DISTRICT

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## Overview

Goleta West Sanitary District provides wastewater collection and treatment to the residents and businesses in the Western Goleta Valley, Isla Vista and through a contractual agreement to the Embarcadero Municipal Improvement District (EMID). The District operates a system that includes 62 miles of sewer lines and 2 pump stations. Within these pipes, approximately 1.6 million gallons of wastewater are safely transported each day to the wastewater treatment plant, located across from the airport.

## How It Works

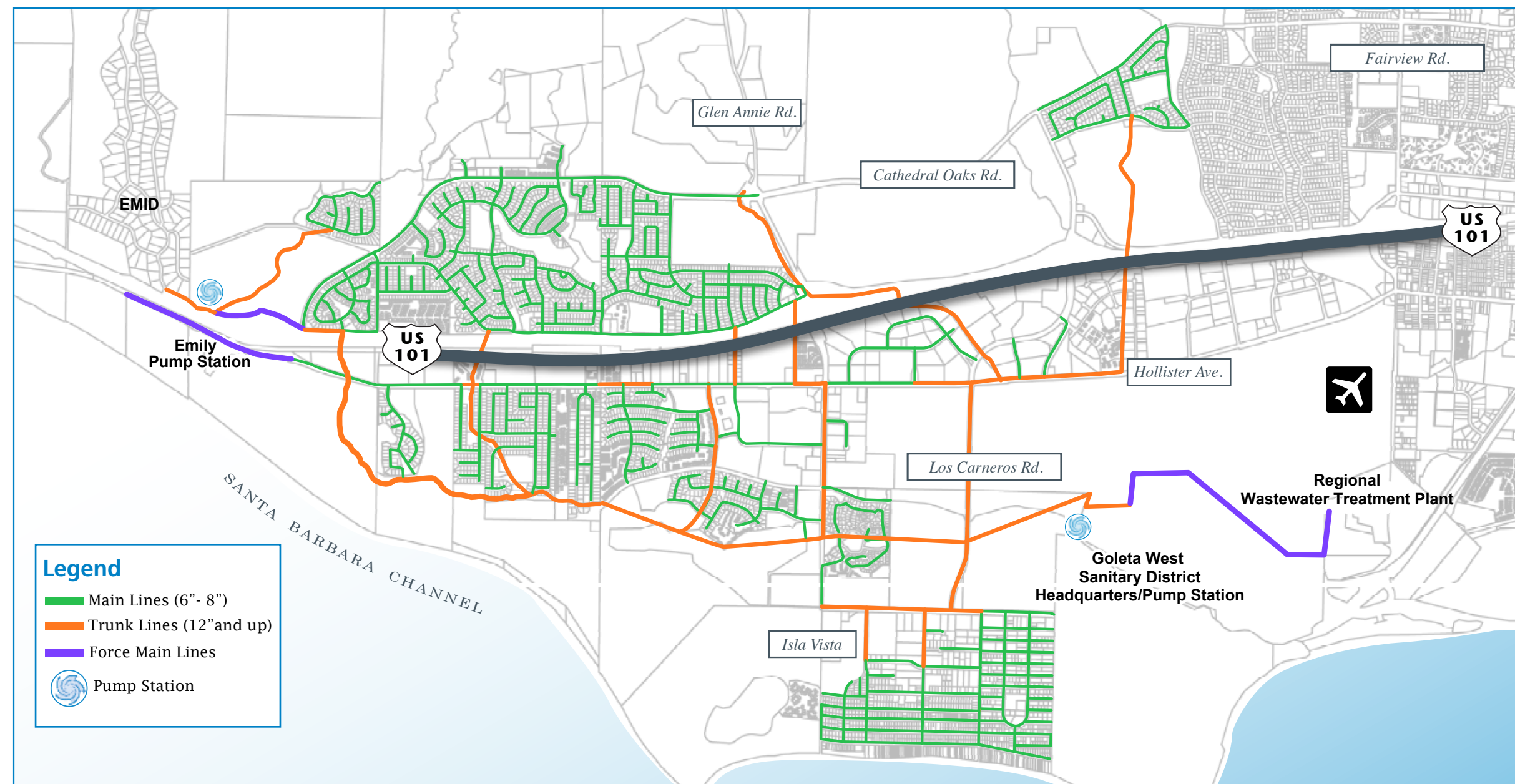
What happens to the wastewater when you wash your dishes or flush the toilet? Simply put, wastewater is transported from your house or business through a system of underground pipes that eventually all connect together and meet at the District's headquarters.

Think of the collection system as if it were a tree: beginning with 4" to 6" pipes extending from your house, apartment or business. These lateral branches are the responsibility of the property owner up to the point of connection to the District's main lines. These 6" to 8" 'mains' (green) eventually flow into the larger 'trunk' lines (orange). Much like a tree trunk these are the biggest pipes in the system, ranging up to 33" in diameter.

The trunk lines lead directly into the pump station located at the District's headquarters. The wastewater is then pumped to the regional treatment plant. Once treated, some water is reclaimed and used for irrigation by large properties such as UCSB. The rest of the treated water is released through an ocean outfall approximately one mile offshore east of the Goleta pier.

## Flowing Downhill

We are fortunate that, due to local topography, the collection system is primarily a gravity system (flowing downhill). In fact, western Goleta Valley and Isla Vista actually flow toward each other, following the historic route to Goleta Slough and out to sea. The headquarters location takes advantage of this natural topography, allowing GWSD to utilize only two pump stations, minimizing the cost and risk of failure associated with the operation of this type of equipment.



## Infrastructure In Good Health

Goleta West's system is in outstanding condition. We have an excellent record of zero sewer spills this year. This success is due to the District's comprehensive maintenance program to combat root intrusion, grease build-up and infiltration.

To determine system rehabilitation and capacity needs, GWSD uses closed circuit television inspection, maintenance crew observations and our hydraulic modeling software. Our long-range planning efforts have ensured that we have the capacity to accommodate future growth within our service area.

As an independent special district, our revenues are used solely to manage our collection system and the street-sweeping program - unlike county and city governments, that have multiple competing interests.

## Industrial Waste 'Pretreatment'

As part of the Clean Water Act, Congress established the National Pretreatment Program to control the discharge of pollutants from industries into the waters of the United States. Since 1983, GWSD has maintained a pretreatment program that requires industrial and commercial customers to keep hazardous substances out of the wastewater collection system. This preventative program helps protect ocean water quality and the wastewater treatment plant.

Goleta West currently has 19 active industrial wastewater discharge permittees. The wastewater from their facilities is sampled on a regular basis to ensure permit compliance. Each permittee is required to file annual monitoring reports. The District's Chief Inspector, Brian McCarthy, also performs inspections of each industry facility regularly.

## FOG - Fats, Oils and Grease

GWSD maintains a "Fats, Oils and Grease" (FOG) program that monitors local food service establishments and other commercial locations. Our inspectors provide businesses with guidelines for grease interception and removal, and best management practices. They inspect grease removal devices, review device maintenance logs and perform periodic sampling. Inspection frequency is determined by the nature of the operation, the condition and type of grease removal device, compliance history, and sample results.

