



Protecting Public Health and the Environment

**10AM - 3PM Saturday  
November 7, 2009**

JOIN US AGAIN FOR OUR FABULOUS

# ENVIRONMENTAL SAFARI

**20TH ANNUAL OPEN HOUSE - TAKE THE TOUR - BRING THE FAMILY!**

An Expedition into the World of Water Quality



FREE BIOSOLIDS FOR YOUR GARDEN



AFRICAN SLUDGE QUEEN LABORATORY

See Wastewater Treated & Recycled



Learn How We Protect the Environment

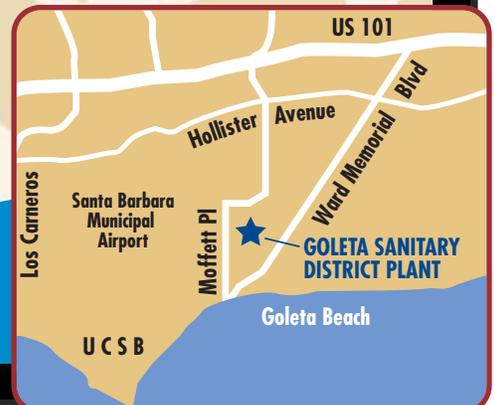


OPERATE A REAL BACKHOE



MORE FREE GOODIES TOO!

One William Moffett Place, Goleta, California 93117  
Phone (805) 967-4519 • [www.goletasanitary.org](http://www.goletasanitary.org)



# MANAGING WASTEWATER COLLECTION AND TREATMENT

## Protect the Total Environment: LAND, SEA AND AIR

Our job sounds simple, collect wastewater from the community and treat it safely. The reality is more complex and interesting, involving recycling solids, gasses and water while protecting the air, land and ocean environment.



### 1. Wastewater Collection



Wastewater throughout the Goleta Valley is collected and routed to the treatment plant.

### 2. Pretreatment Program



Not all chemicals can be removed in the treatment process. The District's pretreatment program requires that businesses eliminate dangerous substances before they enter the sewer pipeline system, protecting the environment.

### 3. Reuse and Recycling

#### Water Recycling.

We produce up to 400 million gallons of recycled water per year for use in landscapes and toilet flushing, saving precious fresh water for drinking.



#### Using Energy From Gasses.

The District's digesters create methane gas that is used to heat several areas of the treatment plant.



#### Converting Solids to Soil Amendments.

Biosolids are a nutrient rich organic material produced as a byproduct from the wastewater treatment process.



### 4. Treated Water Is Discharged

Treated wastewater is chlorinated to disinfect it, then dechlorinated to protect the environment before being discharged 1 mile offshore into the ocean through an outfall pipe. Extensive studies show the District's wastewater treatment process fully protects the ocean environment.

## All of Our Operators Are State Certified

With shelves full of regional and statewide awards for our quality work, the District has a long history of protecting both public health and the environment. Key to our success is the skill, training and dedication of our staff. Our treatment plant operators are required to obtain state certification and are required to update their training on an ongoing basis.



## Available Around-The-Clock Every Day

Many of these skilled professionals have 20 to 30 years or more of experience and training. Their shifts are divided so a crew is always either working or available to be on-call 24/7.



## Quality and Safety Is Tightly Regulated

Every step in the wastewater treatment process is closely regulated by a hierarchy of federal, state and county agencies. These include the Santa Barbara County Air Pollution Control District, Regional and State Water Boards and the EPA.

Every five years, the District must renew the permit to operate its treatment plant and must comply with strict standards for operations in the permit.

While engineering and construction upgrades are underway, the District has applied for a 301(h) waiver until the upgraded plant is operating at its new full secondary level.

## Environmental Documents Approved

### TREATMENT PLANT UPGRADE ADVANCING ACCORDING TO PLAN

**Environmental Documents:** In an important step, Goleta Sanitary District's Board of Directors recently approved the project's environmental documents. This Mitigated Negative Declaration (MND) Report demonstrates that all potential environmental impacts had been studied and describes how the District would mitigate any impacts to a less than significant level.

**Environmental Studies:** The environmental studies include extensive archaeological research because the construction area had potential to contain Chumash artifacts. Some of the features of the new upgraded plant were redesigned to avoid areas with the potential to find artifacts. There was also some unusual geotechnical work that involved digging two 170-foot-long by 15-foot-deep trenches designed to look for potential earthquake faults; none were found.



**Engineering Design.** With engineering design 90% complete, the District is investigating ways to advance the construction start time, which is currently set for spring 2011. Starting construction sooner could save money in the long run due to the favorable bids being received currently for construction projects.



Keep kitty litter out of the sewer system and storm drains to avoid potential harm to sea otters and other marine life.



Act responsibly – put kitty litter in the trash. The sea otters will thank you!

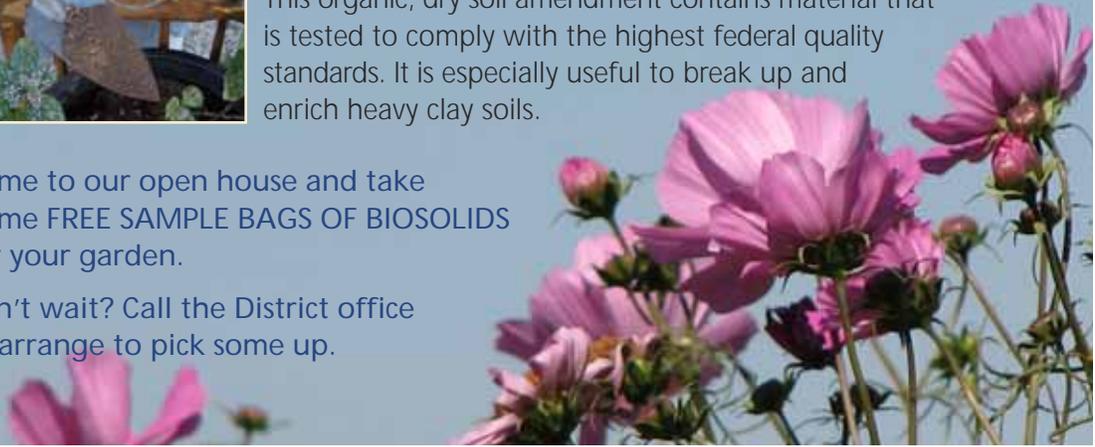


## Get FREE Biosolids to Beautify Your Garden

Biosolids, a byproduct of wastewater treatment, are available free as a soil amendment to help you beautify your garden. This organic, dry soil amendment contains material that is tested to comply with the highest federal quality standards. It is especially useful to break up and enrich heavy clay soils.

Come to our open house and take home FREE SAMPLE BAGS OF BIOSOLIDS for your garden.

Can't wait? Call the District office to arrange to pick some up.



## BRING YOUR FAMILY AND JOIN US AT THIS YEAR'S ENVIRONMENTAL SAFARI

FAMILY FUN, HAY RIDE, TOURS, FREE REFRESHMENTS!

It's EXCITING, FUN and EDUCATIONAL!

- TAKE A HAY RIDE TOUR AROUND THE TREATMENT PLANT
- SEE HOW WASTEWATER IS TREATED AND RECYCLED
- LEARN HOW WE PROTECT THE OCEAN ENVIRONMENT

FREE Hot Dogs and Refreshments!



SATURDAY, NOVEMBER 7 • 10AM-3PM  
ONE WILLIAM MOFFETT PLACE, GOLETA



### Goleta Sanitary District

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Goleta, California 93117  
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