



*Protecting Public Health and the Environment*

# Goleta Sanitary District

## Natural Resource Recovery A Key Component of Wastewater Treatment

The treatment of wastewater is based on a natural biological process that, when fine tuned, results in the recovery of natural resources. It's a process similar to recycling aluminum or paper, where the recycled material is reprocessed into new products. Wastewater containing organic matter and generated within the community is treated at the wastewater treatment plant and processed into new "products" including recycled water, biosolids and bio-gas which is composed mainly of methane. By recovering these natural resources the community benefits economically and environmentally.



*Biosolids produced at GSD can be reused by the community as a soil amendment in home lawns and gardens. And is distributed for FREE!*



*Bio-gas is a natural by-product of the decomposition of organic material in the anaerobic digesters. It is captured and used at the facility as an energy source for heating water.*



*The third reusable by-product of the wastewater treatment process is recycled water which is used throughout Goleta to irrigate landscapes at schools, parks and golf courses.*

## Project Status At a Glance

Initial Contract Amount	\$28,624,000
Current Contract Amount	\$30,399,000
Percent of work completed	93%
Percent of time expended	71%
Expected Construction Completion Date	Spring 2013

Many of the new structures being built as part of the wastewater treatment plant upgrading project are over 95% completed. Currently, the contractor is beginning to tie the new structures into the existing plant and to put the new structures into operation.

This process started at the end of November and will continue over the next month or two until all structures are operational. The transition to the new structures has been engineered to be seamless so that no disruption of service to the community occurs.

## Natural Resource Recovery to be Maximized

As the new treatment facility comes on-line, all of the wastewater from the Goleta Valley will be treated to the full secondary level. This will result in the production of more bio-gas and biosolids that can be beneficially reused.

The Goleta Sanitary District continues to look at more ways to reuse the treatment plant by-products locally. Future plans could include the installation of a cogeneration unit, which would use the bio-gas to generate electricity to operate the plant equipment and administration buildings.



*"Funding for this project has been provided in part through a grant from the California Department of Water Resources."*

In 2006, the people of California passed Proposition 84, *The Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Act*. The District was awarded a grant for \$521,428 for the construction of the secondary treatment structures, which will improve the quality of the water discharged into the Pacific Ocean. If you would like more information on this Proposition you can visit: the website:

<http://bondaccountability.resources.ca.gov>

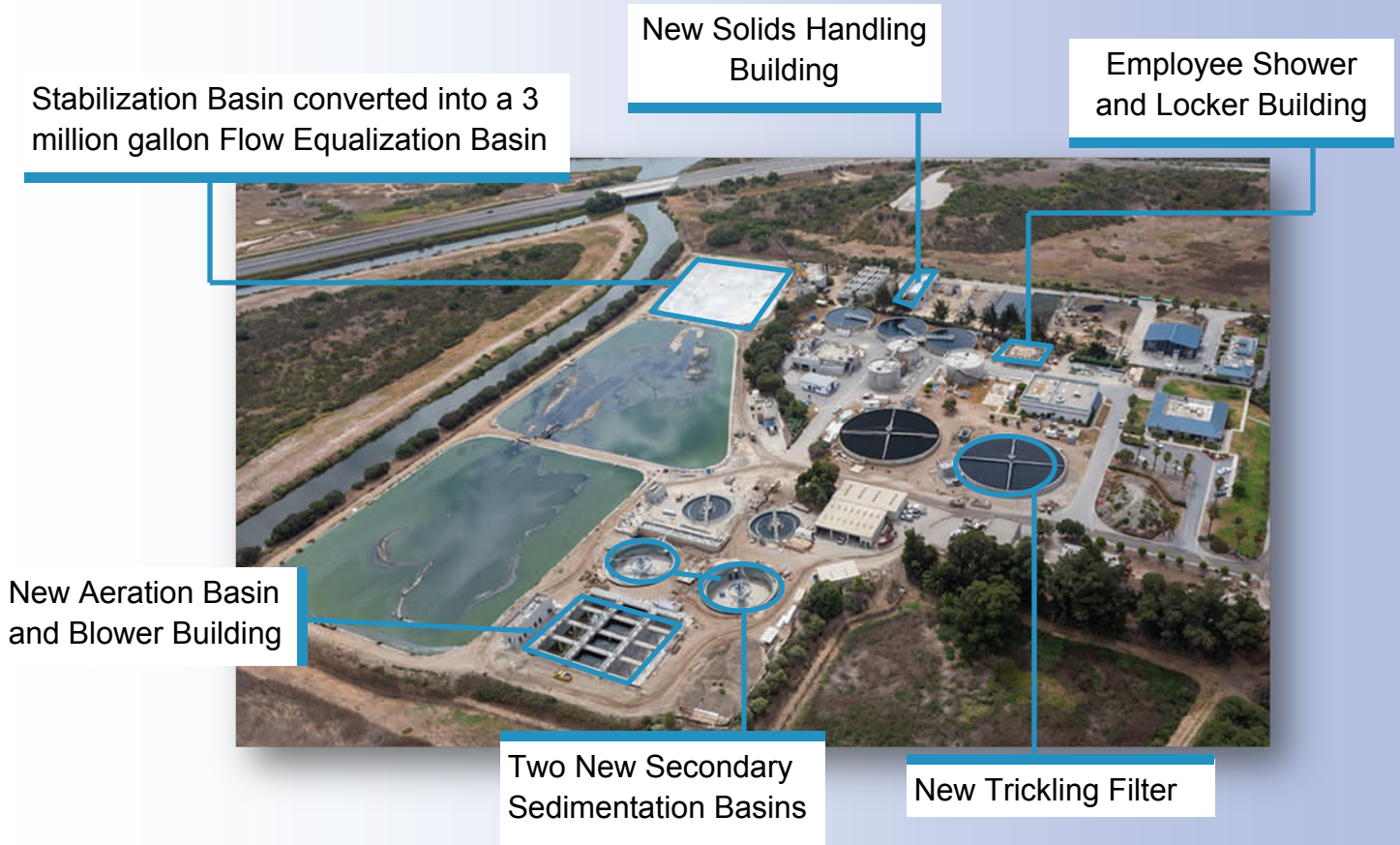


## Aerial Views of Construction Progress



*Aerial photograph, looking south toward Goleta Beach, at the start of construction. June 7, 2011.*

*Aerial photograph of the treatment facility looking south, taken on August 17, 2012 showing the progress after \$20M in costs.*





# Goleta Sanitary District

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### Board Meetings

The District's regularly scheduled Governing Board meetings are at 7:30 p.m. on the first and third Monday of every month. Public is welcome.

## The District's Public Outreach Program



If you attended this year's Goleta Lemon Festival at Girsch Park you undoubtedly met several of the District's employees and board members. They were part of an enthusiastic and very knowledgeable crew eager to answer your questions and explain the functions of the Goleta Sanitary District.

An important part of the District's mission is to keep the public properly informed on sanitary service issues. The District believes an educated public is crucial to helping the District fulfill its mission of protecting the public's health and the environment.

Please visit the District's website at: [www.goletasanitary.org](http://www.goletasanitary.org) for up to date information.

**Do your part:** With the upcoming holidays please be aware of the potential for forming clogged sewer lines if large amounts of oils and greases are consistently poured down the drain. Any questions? Ask us at the Goleta Sanitary District at: 967-4519.

Also, any household hazardous waste should be taken to the Community Hazardous Waste Collection Center on the UCSB campus, Mesa Road, Building 565.

For more information about this program visit: [www.LessIsMore.org](http://www.LessIsMore.org).