



# California Regional Water Quality Control Board San Francisco Bay Region



Linda S. Adams  
Secretary for  
Environmental Protection

1500 Clay Street, Suite 1400, Oakland, California 94612  
**RECEIVED**  
(510) 622-2300 • Fax (510) 622-2460  
<http://www.waterboards.ca.gov/sanfranciscobay>

Arnold Schwarzenegger  
Governor

OCT 14 2009

**SEWER AUTHORITY ID-COASTSIDE  
HALF MOON BAY, CA**

Date: October 8, 2009  
WDID No: 2 417068002  
CIWQS Place No.: 745504

Mr. John F. Foley III, General Manager  
Sewer Authority Mid-Coastside  
1000 N. Cabrillo Highway  
Half Moon Bay, CA 94019

{ Sent via email to: [john@samcleanswater.org](mailto:john@samcleanswater.org) }

**SUBJECT: Sewer Authority Mid-Coastside 2009 Recycled Water Pilot Study with  
Temporary Distribution to Ocean Colony Golf Course, Regulated Under  
Regional Water Board Order No. 91-042**

Dear Mr. Foley:

This letter is to follow up on the recent exchange of information about the Sewer Authority Mid-Coastside's (SAM) Recycled Water Pilot Study and to clarify our understanding of this project. The purpose of the project is to evaluate the feasibility of larger scale recycled water production distribution and use in the SAM service area. The project is permitted under Water Board Order No. 91-042, *Water Reuse Requirements for Municipal Wastewater Treatment Producers in Region 2*. Our understanding of the project is summarized below.

Under this project, SAM will operate treatment processes to produce recycled water; Coastside County Water District (CCWD) will distribute recycled water by truck hauling from the SAM production facility to the Ocean Colony Golf Course (OCGC) reuse site; and OCGC will use the recycled water for irrigation by non-fixed irrigation system of a small area of the existing golf course, for a few months between now and the end of 2009.

The recycled water will be produced at the SAM Wastewater Treatment Plant through the use of temporary auxiliary treatment processes including an ultra filtration membrane module and ultraviolet disinfection. The recycled water produced will meet or exceed at all times the specifications and monitoring requirements for Disinfected Secondary-2.2 Recycled Water given in California Code of Regulations Title 22 Division 4 Chapter 3 *Water Recycling Criteria* (Title 22 WRC). This project will include sampling and analysis of the recycled water stream for Total Coliform, at least daily on each and every day that the recycled water is produced.

The recycled water will be distributed by CCWD by means of a 2,000 gallon capacity tanker truck dedicated to this project. Recycled water distribution will typically be in the amount of 2,000 gallons per day. CCWD will also provide a temporary storage tank of 4,500 gallons capacity to be located near the OCGC reuse site.

Mr. John F. Foley, Sewer Authority Mid-Coastside  
Re: SAM's 2009 Recycled Water Pilot Study

October 8, 2009

The recycled water will be applied to existing golf course grounds within an identified pilot study use area of about 8,000 square feet at the western ends of the 11<sup>th</sup> and 15<sup>th</sup> golf course fairways. The recycled water application will be done by spray irrigation using a hose connected directly to either the tanker truck or the storage tank, and will be conducted by OCGC personnel trained and knowledgeable of proper recycled water handling procedures.

The pilot project distribution and reuse of recycled water is anticipated to occur for up to several months during the remainder of the 2009 dry weather season, between now and the 2009-2010 wet weather season, and ending no later than the end of the 2009 calendar year.

This project is permitted under this Water Board's Order No. 91-042, *Water Reuse Requirements for Municipal Wastewater Treatment Producers in Region 2*. The project will be managed by SAM in accordance and compliance with: The applicable requirements of Order No. 91-042; Applicable specifications of the Title 22 WRC; SAM's September 2009 *Recycled Water Pilot Study Engineering Report*; and Comments provided by California Department of Public Health (CDPH) in response to technical review of that report, given in a September 30, 2009 letter from CDPH to the Water Board with subject line, "Engineering Report on the Recycled Water Pilot Study for Sewer Authority Mid-Coastside, System No. 4190005, Project 701".

We further understand that the project is ready to proceed. Given the above understandings of the project and its regulation, we have no objections to implementation of the project.

Please keep us informed of the progress outcomes and findings of this pilot study project.

If you have any questions about these matters, please contact me at:  
Phone: (510) 622-2305; Fax: (510) 622-2460; or e-mail: [ballen@waterboards.ca.gov](mailto:ballen@waterboards.ca.gov).

Sincerely,



Blair Allen, P.E.  
Water Resources Control Engineer  
Watershed Management Division

cc via email:

Mr. Mike Williams, Construction Manager, Ocean Colony Partners LLC, 2450 Cabrillo Highway South, # 2000, Half Moon Bay, CA 94019 { [mwilliams@kenmark.com](mailto:mwilliams@kenmark.com) }

Mr. Eric Lacy, P. E., District Engineer, Santa Clara District, Drinking Water Field Operations Branch, California Department of Public Health, 850 Marin a Bay Parkway, Building P, 2<sup>nd</sup> Floor, Richmond, CA 94804 { [eric.lacy@cdph.ca.gov](mailto:eric.lacy@cdph.ca.gov) }

Mr. David Dickson, General Manager, Coastside County Water District, 766 Main Street, Half Moon Bay, CA 94019 { [DDickson@coastsidewater.org](mailto:DDickson@coastsidewater.org) }

Ms. Tanya Yurovsky, P. E., SRT Consultants, 792 Bay Street, San Francisco, CA 94109  
{ [tanya@srtconsultants.com](mailto:tanya@srtconsultants.com) }