



# California Regional Water Quality Control Board

## Los Angeles Region



Linda S. Adams  
Agency Secretary

Recipient of the 2001 *Environmental Leadership Award* from Keep California Beautiful

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Arnold Schwarzenegger  
Governor

January 10, 2007

Mr. Nathan Ahdoot  
AG Mandeville LLC  
4313 Grimes Place  
Encino, CA 91316

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED  
CLAIM NO. 7002 2030 0006 2095 3382

**GENERAL WASTE DISCHARGE PERMIT ENROLLMENT UNDER GENERAL WASTE DISCHARGE REQUIREMENTS FOR RESIDENTIAL ONSITE WASTEWATER TREATMENT SYSTEMS (ORDER NO. R4-2004-0146: SERIES 008, C.I. NO. 9220): 3281 MANDEVILLE CANYON ROAD, LOS ANGELES, CA 90049 (FILE NO. 06-130)**

Dear Mr. Ahdoot:

On December 11, 2006, we received your Notice of Intent dated August 12, 2006 for enrollment under Regional Board Order No. R4-2004-0146 General Waste Discharge Requirements for Residential Onsite Wastewater Treatment Systems (OWTSs). You have proposed to install a septic system that is composed of a 1,870-gallon septic tank and three six-foot diameter, 28 feet deep seepage pits. The septic system would be equipped with an advanced treatment system.

Your residence is located in an unsewered area of the City of Los Angeles. The nearest sewer connection is at the intersection of Mandeville Canyon Road and Chalon Road which is approximately 2.7 miles from the property; and you have stated that a sewer connection would cost millions of dollars. Your water supply comes from the Los Angeles City Department of Water and Power. Based on historical data, groundwater is estimated at 35 feet below the surface. You indicated that there is no well in the immediate vicinity of your residence and that your residence is 45 feet from the Mandeville Canyon Creek.

Regional Board staff has reviewed the information provided and have determined that the proposed discharge meets the conditions specified in Order No. R4-2004-0146, General Waste Discharge Requirements for Residential Onsite Wastewater Treatment Systems, adopted by the Regional Board on September 2, 2004. Please note that we have determined that your discharge is "High Risk" because it is within 100 feet from Mandeville Canyon Creek. This creek is a tributary to the Santa Monica Beach, a water body that is identified as impaired for nutrients and/or bacteria under Section 303(d) of the Clean Water Act.

The City of Los Angeles (City) and the Regional Board entered into a Memorandum of Understanding (MOU) on October 8, 2004 where the Regional Board designated the City and the City accepted the designation as the Qualified Lead Agency (QLA) for the regulation of City-regulated OWTS, within the City. However, city-regulated OWTSs do not include those systems that upon mutual agreement of the City and the Regional Board require the issuance of a WDR to the operator of such OWTSs. Dischargers located in areas identified as high-risks could be required to install advanced treatment systems with their OWTS. OWTSs with

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advanced treatment systems need an operating permit from the City to discharge waste. The City has not yet adopted an ordinance that gives them authority to issue an operating permit and the Regional Board has agreed to consider issuance of WDRs to such Dischargers.

You have proposed to install the Orenco Advantex System Mode 3 (Advantex System) which is a multiple pass, packed bed aerobic treatment system. Raw sewage enters the two-compartment processing tank (10 feet, 8 inches long by 5 feet, 7 inches wide) through its inlet tee. In the first compartment, the raw sewage separates into three distinct zones: a scum layer, a sludge layer, and a clear layer. A flow-through port in the tank's baffle wall allows effluent from the clear layer to flow into the second compartment of the tank

The Biotube Pump Package in the second compartment pumps filtered effluent to a distribution manifold in the Advantex Filter Pod. The treated effluent flows out of the filter pod through the filtrate return line that returns the treated effluent to the Recirculating Splitter Valve (RSV). The RSV automatically diverts the flow between the Processing Tank and the final discharge. The RSV also controls the liquid in level within the Processing Tank during extended periods of low flow by returning the treated effluent to the Processing Tank.

An additional gravity-fed Ultra-Violet (UV) light is used to provide disinfection for the treated final discharge prior to dispersal into seepage pits. The Advantex System also implements a preventive maintenance program to mitigate the impact of any on-site disposal system malfunctions. A telemetry control panel with a shared phone line monitors the entire system throughout each day. Both alerts and alarms are sent to the service providers to alert them on the status of the system.

Enclosed are your Waste Discharge Requirements, consisting of Order No. R4-2004-0146 and Monitoring and Reporting Program CI 9220 specific to 3281 Mandeville Canyon Road. Dischargers meeting the High risk criteria must comply with the Discharge Prohibitions, General Provisions and Compliance and Enforcement provisions, as well as Specific Provisions, Receiving Water Limitations and Monitoring and Reporting Requirements of parts D, E, F, G, H, and I and the Standard Provisions in Attachment A of Order No. R4-2004-0146. In addition, you are required to comply with any local agency requirements with respect to septic systems and wastewater disposal.

Groundwater monitoring is not required at this time due to the installation of the advanced treatment system. Section G.5. of Order R4-2004-0146 specify that Dischargers that provide advanced treatment of sewage effluent may demonstrate compliance by sampling effluent prior to discharge to the subsurface disposal system or "end of pipe" sampling. The Executive Officer, after considering the factors in this case' has set the following effluent standards:

Biochemical Oxygen Demand (BOD)	30 milligrams per liter (mg/L)
Total Suspended Solids (TSS)	30 mg/L
Fecal Coliform	200 MPN/100mL
Enterococcus	104 MPN/100mL

Although your discharge is enrolled under the General Permit, it will be reviewed periodically. Should changes to your septic disposal system be needed, engineering drawings showing the

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change must be filed with the Regional Board a minimum of 30 days prior to the change. In addition, the change is subject to the review and approval of the City of Los Angeles Department of Building and Safety.

If you have any questions regarding this letter, please contact Dionisia Rodriguez at (213) 620-6122.

Sincerely,

Jonathan S. Bishop  
Executive Officer

Enclosure: Order No. R4-2004-0146  
Monitoring and Reporting Program CI 9220  
Standard Provisions

cc: Dana Provost, City of Los Angeles Department of Building and Safety  
Adel Hagekhalil, City of Los Angeles, Bureau of Sanitation/WESD  
Steven Braband, BioSolutions

