



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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DR
Arnold Schwarzenegger
Governor

August 30, 2007

Mr. Stuart Natch, Manager
3565 Mandeville, LLC
11771 Montana Ave., Suite 105
Los Angeles, CA 90049

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
CLAIM NO. 7002 2410 0005 0647 5900

ENROLLMENT UNDER GENERAL WASTE DISCHARGE REQUIREMENTS FOR RESIDENTIAL ONSITE WASTEWATER TREATMENT SYSTEMS (ORDER NO. R4-2004-0146: SERIES 010, C.I. NO. 9312): 3565 MANDEVILLE CANYON ROAD, LOS ANGELES, CA 90049 (FILE NO. 07-135)

Dear Mr. Natch:

On July 24, 2007, we received your Notice of Intent 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 five feet by ten feet by five feet septic tank and two seepage pits at six feet diameter and 15 feet deep each. 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 (City). The nearest sewer connection is at the intersection of Mandeville Canyon Road and Chalon Road which is approximately 2.7 miles from the property. You have stated that a sewer connection would be cost prohibitive. Your water supply comes from the City's Department of Water and Power. Based on historical data, groundwater is estimated at 35 feet below the surface. You indicated that there is no water supply well within 600 feet of your residence and that your residence is 15 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 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 Waste Discharge Requirements (WDRs) to the operator of such OWTSs. Dischargers located in areas identified as high-risk could be required to install advanced treatment systems with their OWTS. OWTSs

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with 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 a 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 level of the liquid within the Processing Tank during extended periods of low flow by returning the treated effluent to the Processing Tank.

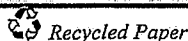
A gravity-fed disinfection system with Ultra-Violet (UV) light is used to provide disinfection for the treated discharge prior to dispersal into seepage pits. The Advantex System also implements a preventive maintenance program to mitigate the impact of any on-site disposal system malfunctions. A telemetry 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 of the status of the system.

Enclosed are your WDRs, consisting of Order No. R4-2004-0146 and Monitoring and Reporting Program CI 9312 specific to 3565 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 specifies 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 limits:

pH	6.5 to 8.5 pH units
Total Nitrogen	10 milligrams per liter (mg/L)
Nitrate-nitrogen	10 mg/L
Nitrite-nitrogen	1 mg/L
Biochemical Oxygen Demand (BOD)	30 mg/L
Total Suspended Solids (TSS)	30 mg/L
Fecal Coliform	200 MPN/100mL
Enterococcus	104 MPN/100mL

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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 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,

for David A. Bachorowski, AECU
Deborah Smith
Interim Executive Officer

Enclosure: Order No. R4-2004-0146
Monitoring and Reporting Program CI 9312
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

STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

MONITORING AND REPORTING PROGRAM NO. CI-9312
FOR

3565 MANDEVILLE, LLC
(3565 MANDEVILLE CANYON ROAD)

ENROLLMENT UNDER GENERAL PERMIT
ORDER NO. R4-2004-0146 (SERIES NO. 010)
(FILE NO. 07-135)

A. REPORTING REQUIREMENTS

3565 Mandeville, LLC (hereinafter Discharger) shall implement this monitoring program on the effective date of this enrollment August 24, 2007 under Regional Board Order No. R4-2004-0146. The first monitoring report under this program, for July-September 2007, shall be received at the Regional Board by October 15, 2007.

Monitoring reports shall be received by the dates in the following schedule:

<u>Reporting Period</u>	<u>Report Due</u>
January – March	April 15
April – June	July 15
July – September	October 15
October – December	January 15

If there is no discharge during any reporting period, the report shall so state. Monitoring reports must be addressed to the Regional Board, Attention: Information Technology Unit.

B. OPERATION AND MAINTENANCE PROGRAM

Medium and high-risk dischargers identified in parts A.3.b. and A.3.c. of Regional Board Order No. R4-2004-0146 shall submit an operation and maintenance program to the Regional Board no later than 90 days after enrollment under the Order and receipt of WDRs

1. The operation and maintenance program shall include, at a minimum, the following:
 - a. The name, address and telephone number of the person or company responsible for the operation and maintenance of the onsite wastewater treatment system.
 - b. Planned frequency of preventative maintenance, including
 1. Inspection and periodic pumping out of the septic tank.
 2. Inspection and maintenance of subsurface disposal system.
 3. Inspection and maintenance of any advanced treatment components.

- c. Corrective action plan for any signs of failure detected during inspection of septic tank, subsurface disposal system, or advanced treatment components.
2. Septic tanks shall be inspected annually for sludge depth and scum thickness in each component of each septic tank, distance between bottom of scum layer and bottom of outlet device, and distance between top of sludge layer and bottom of outlet device.
3. Septic tanks shall be pumped when any one of the following conditions exists or may occur before the next inspection:
 - a. The combined thickness of sludge and scum exceeds one-third of the tank depth of the first compartment, or
 - b. The scum layer is within three inches of the outlet device, or,
 - c. The sludge layer is within eight inches of the outlet device.

In the event that wastes are hauled offsite, the name and address of the hauler shall be reported, along with types and quantities hauled during the reporting period and the location of final point of disposal. In the event that no wastes are hauled during the reporting period, a statement to that effect shall be submitted.

4. Subsurface disposal systems shall be subject to an annual visual inspection for signs of failure. Signs to look for include:
 - a. Odors of sewage origin
 - b. Indication of surfacing wastewater,
 - c. Abnormal settling or erosion
 - d. Excessive vegetation in disposal area,
 - e. Ponding of wastewater in the disposal area, and
 - f. Excessive vegetation or algae growth in nearby surface waters.

If the subsurface disposal system has inspection pipes or a distribution box, they shall be inspected as well.

5. For alternative onsite wastewater treatment systems, the discharger shall submit a plan for the inspection and maintenance of advanced treatment components
6. The discharger shall keep current and submit to the Regional Board an operation and maintenance report every year.

C. MONITORING PROGRAM

1. High-risk dischargers identified in part A.3.c. of Regional Board Order No. R4-2004-0146 shall submit a monitoring program to the Regional Board not later than 90 days after enrollment under the Order and receipt of WDRs.
2. Discharges characterized as high-risk based on a groundwater quality concern shall submit a groundwater monitoring program. Dischargers that provide advanced treatment of sewage effluent may demonstrate compliance with

receiving water limits by sampling effluent prior to discharge to the subsurface disposal system. In such cases, dischargers shall submit an effluent sampling plan in lieu of a monitoring plan.

The following shall constitute the effluent sampling program:

Constituent	Units*	Type of Sample	Minimum Frequency of Analysis
pH	pH Units	grab	quarterly
Total nitrogen	mg/L	grab	quarterly
Nitrate-nitrogen	mg/L	grab	quarterly
Nitrite-nitrogen	mg/L	grab	quarterly
Total coliform	MPN/100mL	grab	quarterly
Fecal coliform	MPN/100mL	grab	quarterly
Enterococcus	MPN/100mL	grab	quarterly

* MPN/100mL: Most Probable Number per 100 milliliter; mg/L: milligrams per liter

3. Unless otherwise approved by the Executive Officer, all analyses shall be conducted at a laboratory certified for such analyses by the California Department of Health Services.

All analyses shall be conducted in accordance with the latest edition of Guidelines Establishing Test Procedures for Analysis of Pollutants, promulgated by the U.S. Environmental Protection Agency (USEPA).

4. If the discharger monitors any constituent more frequently than required by the General WDRs, the discharger shall submit the monitoring results to the Regional Board.
5. The discharger shall retain records of all monitoring information including all calibration and maintenance records, copies of all reports required by these general WDRs, and records of all data used to complete the application for these general WDRs. Records shall be maintained for a minimum of three years from the date of the sample, measurement, or report. This period may be extended during the course of any unresolved litigation regarding this discharge or when requested by the Executive Officer.
6. Records of monitoring information shall include the following:
 - a. The date, exact place, and time of sampling or measurements,
 - b. The individual(s) who performed the sampling or measurements,
 - c. The date(s) analyses were performed,
 - d. The individual(s) who performed the analyses,
 - e. The analytical techniques or method used, and
 - f. The results of such analyses.

7. All monitoring instruments and devices that are used by the discharger to fulfill the prescribed monitoring program shall be properly maintained and calibrated as necessary to ensure their continued accuracy.
8. Each monitoring report must affirm in writing that "All analyses were conducted at a laboratory certified for such analyses by the California Department of Health Services and in accordance with current USEPA guideline procedures or as specified in this Monitoring Program." Proper chain of custody procedures must be followed and a copy of the chain of custody shall be submitted with the report.
9. If there is no discharge, during any reporting period, the report shall so state. Monitoring reports must be addressed to the Regional Board, Attention: Information Technology Unit.
10. For every item where the requirements are not met, the discharger shall submit a statement of the cause(s), and actions undertaken or proposed which will bring the discharge into full compliance with waste discharge requirements at the earliest possible time, including a timetable for implementation of those actions.
11. The discharger shall maintain all sampling and analytical results, including strip charts; date; exact place, and time of sampling; dates analyses were performed; analyst's name; analytical techniques used; and results of all analyses. Such records shall be retained for a minimum of three years. This period of retention shall be extended during the course of any unresolved litigation regarding this discharge, or when requested by the Regional Board.
12. Any mitigation/remedial activity including any pre-discharge treatment conducted at the site must be reported in the quarterly monitoring report.
13. The discharger shall submit an annual report to the Regional Board by January 15 of each year. The report shall contain both tabular and graphical summaries of the monitoring data obtained during the previous year. In addition, the discharger shall discuss the compliance record and the corrective actions taken or planned which may be needed to bring the discharge into full compliance with the general WDRs.
14. Specifications in this monitoring program are subject to periodic revisions. Monitoring requirements may be modified or revised by the Executive Officer based on review of monitoring data submitted pursuant to this Order. Monitoring frequencies may be adjusted to a less frequent basis by the Executive Officer.
15. Each monitoring report shall contain a separate section titled "Summary of Non-compliance" which discusses the compliance record and the corrective actions taken or planned that may be needed to bring the discharge into full compliance with the WDRs. This section shall be located at the front of the report and shall clearly list all non-compliance with WDRs, as well as all exceedances of effluent limitations.

D. CERTIFICATION STATEMENT

Each operation and maintenance and/or monitoring report shall contain the following completed declaration:

"I certify under penalty of law that this document, including all attachments and supplemental information, was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment.

Executed on the _____ day of _____ at _____.

(Signature)
(Title)"

These records and reports are public documents and shall be made available for inspection during normal business hours at the office of the California Regional Water Quality Control Board, Los Angeles Region.

Ordered by: *David A. Bachanawski, AEO*
Deborah Smith
Interim Executive Officer

Date: August 30, 2007