

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

MONITORING AND REPORTING PROGRAM NO. CI- 8800
FOR
LOS ANGELES UNIFIED SCHOOL DISTRICT.
(CLEAR CREEK OUTDOOR EDUCATION CENTER
STAR ROUTE-1, LA CANADA)

ENROLLMENT UNDER GENERAL PERMIT
ORDER NO. 01-031 (SERIES NO. 053)
(FILE NO. 04-084)

I. REPORTING REQUIREMENTS

- A. Los Angeles Unified School District (hereinafter Discharger) shall implement this monitoring program on the effective date of this enrollment (October 1, 2004) under Regional Board Order No. 01-031. The first monitoring report under this program, for October to December 2004, shall be received at the Regional Board by December 15, 2005.

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

- B. 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.
- C. By January 30 of each year, the Discharger shall submit an annual summary report to the Regional Board. The report shall contain both tabular and graphical summaries of the monitoring data obtained during the previous calendar year. In addition, the Discharger shall explain the compliance record and the corrective actions taken or planned, which may be needed to bring the discharge into full compliance with the waste discharge requirements (WDRs).
- D. Laboratory analyses – all chemical, bacteriological, and toxicity analyses shall be conducted at a laboratory certified for such analyses by the California Department of Health Services Environmental Laboratory Accreditation Program (ELAP). The laboratory must meet the United States Environmental Protection Agency

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(USEPA) Quality Assurance/Quality Control (QA/QC) criteria. Pollutants shall be analyzed using the methods described in 40 CFR 136; or where no methods are specified for a given pollutant, methods approved by the Regional Board shall be utilized.

- E. The method limits (MLs) employed for effluent analyses shall be lower than the permit limits established for a given parameter, unless the Discharger can demonstrate that a particular ML is not attainable and obtains approval for a higher ML from the Executive Officer. The Discharger shall submit a list of the analytical methods employed for each test and the associated laboratory QA/QC procedures upon the request of the Regional Board.
- F. 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.
- G. 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 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 excursions of effluent limitations.
- H. 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.
- I. In reporting the monitoring data, the Discharger shall arrange the data in tabular form so that the date, the constituents, and the concentrations are readily discernible. The data shall be summarized to demonstrate compliance with the requirements and, where applicable, shall include results of receiving water observations.
- J. Any mitigation/remedial activity including any pre-discharge treatment conducted at the site must be reported in the quarterly monitoring report.

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II. SEPTIC TANK AND DISPOSAL SYSTEM MONITORING REQUIREMENTS

The quarterly reports shall contain the following information:

1. Average and maximum daily waste flow for each month of the quarter, in gallons per day. In the absence of a flow meter, a water bill can be used to estimate the flow discharge.
2. Estimated population served during each month of the reporting period.
3. Results of at least monthly observations in the disposal area for any over flow or surfacing of wastes.

In addition, the Discharger shall annually submit an operation and maintenance report on the septic and disposal systems. The subsurface drip disposal system must be annually inspected by a factory authorized representative to verify that the system is functioning within factory specifications. The information to be contained in the report shall include, at a minimum, the following:

1. The name and address of the person or company responsible for the operation and maintenance of the facility;
2. Type of maintenance (preventive or corrective action performed);
3. Frequency of maintenance, if preventive;
4. Periodic pumping out of each septic tank/wastewater treatment system; and
5. Maintenance records of wastewater treatment/disposal system.

III. EFFLUENT MONITORING PROGRAM

Sampling point(s) shall be established where representative samples of wastewater can be obtained from the updated wastewater treatment system. The Regional Board shall be notified in writing of any change in the sampling point once established.

The Discharger shall evaluate and demonstrate the adequacy of the disinfection unit by establishing baseline bacteria levels in the effluent. An evaluation report with any recommendations must be submitted to the Regional Board within six months after installation of the disinfection unit.

The following shall constitute the effluent monitoring program for the wastewater discharged to subsurface irrigation fields and seepage pits:

<u>Constituents</u>	<u>Units</u>	<u>Sample</u>	<u>Minimum Type of Frequency of Analysis</u>
Flow rate and pressure	--	--	quarterly ¹
BOD ₅	mg/L	grab	quarterly
Suspended solids	mg/L	grab	quarterly
Turbidity	NTU	grab	quarterly
Total dissolved solids	mg/L	grab	quarterly
Sulfate	mg/L	grab	quarterly
Chloride	mg/L	grab	quarterly
Boron	mg/L	grab	quarterly
Nitrate-N	mg/L	grab	quarterly
Nitrite-N	mg/L	grab	quarterly
Ammonia-N	mg/L	grab	quarterly
Fecal Coliform	MPN/100ml	grab	quarterly
Total Coliform	MPN/100ml	grab	quarterly
Enterococcus	MPN/100ml	grab	quarterly

1. The flow rates and operating pressures at the pump and at the ends of the drip fields must be monitored and recorded during operation.

IV. WASTE HAULING REPORTING

In the event that waste sludge, septage, or other 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.

V. MONITORING FREQUENCIES

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 or parameters and locations dropped by the Executive Officer if the Discharger makes a request and the request is backed by statistical trends of monitoring data submitted.

VI. CERTIFICATION STATEMENT

Each 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:


Jonathan Bishop
Executive Officer

Date: October 1, 2004



California Regional Water Quality Control Board

Los Angeles Region



Terry Tamminen
Secretary for
Environmental
Protection

Over 51 Years Serving Coastal Los Angeles and Ventura Counties
Recipient of the 2001 *Environmental Leadership Award* from Keep California Beautiful

320 W. 4th Street, Suite 200, Los Angeles, California 90013
Phone (213) 576-6600 FAX (213) 576-6640 - Internet Address: <http://www.swrcb.ca.gov/rwqcb4>

Arnold Schwarzenegger
Governor

October 1, 2004

Mr. George Lewis
Los Angeles Unified School District
355 Grand Avenue, IBM Tower, 6th Floor
Los Angeles, CA 90071

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
CLAIM NO.: 7003 3110 0003 3258 2994

Dear Mr. Lewis:

GENERAL WASTE DISCHARGE REQUIREMENTS FOR SMALL COMMERCIAL AND MULTIFAMILY RESIDENTIAL SUBSURFACE SEWAGE DISPOSAL SYSTEMS – CLEAR CREEK OUTDOOR EDUCATION CENTER AT STAR ROUTE 1, LA CANADA, CALIFORNIA, (FILE NO. 01-084)

We have completed our review of your application for Waste Discharge Requirements for wastewater generated from the Clear Creek Outdoor Education Center (CCOEC) to an on site septic disposal system.

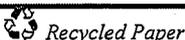
The Los Angeles Unified School District (LAUSD) owns and operates the CCOEC, which is a residential science school located in the Angeles National Forest near the City of La Canada. The LAUSD leases the CCOEC land from the U.S. Forest Service. The facility includes six residence buildings, three dormitories and a lodge and cafeteria building. The average daily volume of discharge is estimated at 4,143 gallons per day (gpd) of domestic wastewater. The LAUSD is treating the domestic wastewater generated from the site through conventional septic systems including six leachfields and two sets of seepage pits.

The LAUSD proposes to replace the existing septic system with an advanced onsite wastewater treatment system (AdvanTex system) with an ultraviolet disinfection system. The LAUSD plans to abandon the existing nine septic tanks and leachfields and one set of seepage pits, and install six new tanks (three 1000-gallon tanks, one 1500-gallon tank, one 4000-gallon tank and one 11,000-gallon tank). The new tanks will have AdvanTex Filter modules and an ultraviolet treatment unit for disinfection. The treated and disinfected effluent will be discharged to a 10,000 square feet irrigation area through drip lines buried 12 to 16 inches below grade. Groundwater was not encountered at the maximum depth drilled of 60 feet at the site.

Regional Board staff have reviewed the information provided and have determined that the proposed discharge meets the conditions specified in Order No. 01-031, "General Waste Discharge Requirements for Small Commercial and Multifamily Residential Subsurface Sewage Disposal Systems," adopted by this Regional Board on February 22, 2001.

Enclosed are your Waste Discharge Requirements (WDRs), consisting of Order No. 01-031, Monitoring and Reporting Program No. CI-8800 and Standard Provisions Applicable to Waste Discharge Requirements. Should changes to the septic disposal system be needed,

California Environmental Protection Agency



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Mr. George Lewis
Los Angeles Unified School District

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engineering drawings showing the change must be filed with the Regional Board a minimum of thirty days prior to the change. The Discharger must receive approval of such change.

The discharge limits for San Fernando Valley, East of Highway 405 (overall) as shown in Attachment A of Order No. 01-031 (enclosed) are applicable to your discharge. However, groundwater monitoring is not required at this time because the compliance point is the end of pipe of the treatment system as agreed upon in the August 9, 2004, letter from Environmental Planning & Design, LLC. Please note that the LAUSD is required to provide a complete set of As-Built Plans and an Operations and Maintenance Manual prior to discharging the wastewater from the proposed new system. Prior to discharge from the proposed treatment system, the LAUSD must also provide a copy of on-going maintenance contracts for the advanced onsite wastewater treatment system and the drip dispersal system to be constructed.

The Monitoring and Reporting Program requires the LAUSD to implement the monitoring program on the effective date of coverage under this permit. All monitoring reports should be sent to the Regional Board, ATTN: Information Technology Unit. Please note that the Executive Officer may require the LAUSD to develop and implement a groundwater monitoring program based on the results of the technical information pertaining to your septic disposal system.

Please submit to the Regional Board a copy of the Operations and Maintenance Manual for the installed system prior to discharge.

When submitting monitoring or technical reports to the Regional Board per these requirements, please include a reference to "Compliance File No. CI-8800, which will assure that the reports are directed to the appropriate file and staff. Also, please do not combine other reports with your monitoring reports. Submit each type of report as a separate document.

We are sending a copy of Order No. 01-031 only to the applicant. A copy of the Order will be furnished to anyone who requests it.

If you have any additional questions, please contact Dr. Kwangil Lee at (213) 620-2269 or Dionisia Rodriguez at (213) 620-6122.

Sincerely,


Jonathan Bishop
Executive Officer

Enclosures

cc: See mailing list

California Environmental Protection Agency



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Mr. George Lewis
Los Angeles Unified School District

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Mailing List

Mr. Michael Lauffer, Office of Chief Counsel, State Water Resources Control Board
Mr. Robert Sams, Office of Chief Counsel, State Water Resources Control Board
Mr. Richard Wagener, Department of Health Services, County of Los Angeles
Mr. Mark Gardina, Clear Creek Outdoor Education Center
Mr. Kevin Poffenbarger, Environmental Planning and Design, LLC
Mr. Norman Patel, Jones/Khiaban Engineers, Inc.

California Environmental Protection Agency

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