

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

MONITORING AND REPORTING PROGRAM NO. CI-8429
FOR
THE MASTER'S COLLEGE
ENROLLMENT UNDER REGIONAL BOARD ORDER NO. 01-031
SERIES NO. 027
(FILE NO. 01-092)

I. REPORTING REQUIREMENTS

- A. The Discharger shall implement this monitoring program on the effective date of this enrollment (November 21, 2002) under Regional Board Order No. 01-031. The first monitoring report under this Program is due by January 15, 2003. Monitoring reports must be addressed to the Regional Board, Attention: Information Technology Unit.

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. By January 30th of each year, beginning January 30, 2003, 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 discuss 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.
- C. 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). A copy of the laboratory certification shall be provided each time a new and/or renewal is obtained from ELAP.
- D. 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. At least once a year, the Discharger shall submit a

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list of the analytical methods employed for each test and the associated laboratory quality assurance and quality control (QA/QC) procedures.

- E. Water/wastewater samples must be analyzed within allowable holding time limits as specified in 40 CFR Part 136.3. All QA/QC samples must be run on the same dates when samples were actually analyzed. The Discharger shall make available for inspection and/or submit the QA/QC documentation upon request by Regional Board staff.

Proper chain of custody procedures must be followed and a copy of the chain of custody shall be submitted with the report.

- 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."
- G. 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.
- H. The Discharger shall maintain all sampling and analytical results, 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.

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.

2. Estimated population served during each month of the reporting period.
3. Results of at least quarterly observations in the disposal area for any over flow or surfacing of wastes.

III. OPERATION AND MAINTENANCE REPORT

The Discharger shall annually submit an operation and maintenance report on the septic tank and disposal system. The information to be contained in the report shall include, at a minimum, the following:

- a. The name and address of the person or company responsible for the operation and maintenance of the facility;
- b. Type of maintenance (preventive or corrective action performed);
- c. Frequency of maintenance, if preventive;
- d. The periodic pumping schedule of each septic tank; and
- e. Maintenance record of the septic disposal system.

IV. GROUNDWATER MONITORING PROGRAM

A groundwater monitoring program must be designed to detect and evaluate impacts from the septic disposal wastewater discharges. The Discharger shall conduct a groundwater monitoring program at the closest water supply well (Newhall Well #7) which is located 3200 feet away from the campus. If the Discharger can not conduct groundwater monitoring at this well, a groundwater monitoring plan for at least one downgradient well to be used for groundwater monitoring well must be submitted to this Regional Board for the Executive Officer's approval.

If the Discharger fails to meet the sewer connection schedule submitted July 12, 2002 for any reason, the Discharger shall implement the proposed groundwater monitoring plan for the entire campus (dated November 21, 2001) with the additions and changes outlined below:

1. Suggested locations for the monitoring wells were shown on Plate II in the Preliminary Hydrogeologic Report.
 - A. The locations of monitoring wells, MW-1 and MW-2, are approved as plotted on Plate II.
 - B. The monitoring well by the gymnasium, designated MW-3, shall be

- relocated approximately 250 feet NE of the location plotted on Plate II.
- C. The location of monitoring well, MW-4, shall be moved 1240 feet NW of the plotted location on Plate II.
 - D. One additional monitoring well, designated MW-5, shall be installed adjacent to the student center, approximately 2100 feet ESE of the location of well MW-2.
 - E. Construction and development of the monitoring wells shall be completed within 60 days in accordance with the standards in Bulletins 74-81 and 74-90 of the California Department of Water Resources.
 - F. The final locations of the groundwater monitoring wells are shown on the attached modification of Plate II (designated Figure-3).
 - G. Within 30 days after installation of the monitoring wells, a well installation report including a scaled plot plan, soil boring logs, water quality data, and as built well construction diagrams shall be submitted to the Board.

The following shall constitute the groundwater monitoring program:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis</u> ⁽¹⁾
Total and Fecal coliform	MPN/100mL	grab	monthly
Enterococcus	MPN/100mL	grab	
Oil and grease	mg/L	grab	monthly
Ammonia-nitrogen	mg/L	grab	monthly
Nitrate-nitrogen	mg/L	grab	
Nitrite-nitrogen	mg/L	grab	monthly
Organic nitrogen	mg/L	grab	monthly
Total Dissolved Solids	mg/L	grab - 700 mg/l	monthly
Chloride	mg/L	grab - 100 mg/l	monthly
Sulfate	mg/L	grab - 200 mg/l	monthly
Boron	mg/L	grab - .5 mg/l	monthly

Limitations

[1] This groundwater monitoring schedule may be subject to revision after completion of the first year of baseline water quality monitoring.

All groundwater monitoring reports must include, at minimum, the following:

- a. Well identification, date and time of sampling;
- b. Sampler identification, and laboratory identification;
- c. Monthly observation of groundwater levels, recorded to .01 feet mean sea level and groundwater flow direction; If no groundwater is found within 100 feet of the surface, that fact must be reported.

V. 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.

VI. CERTIFICATION STATEMENT

Each report shall contain the following 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:


Dennis A. Dickerson
Executive Officer

Date: November 25, 2002

Figure-3 Monitoring Well Locations

