

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

**MONITORING AND REPORTING PROGRAM NO. CI-6618
FOR
POINT DUME LIMITED
(POINT DUME CLUB WASTEWATER TREATMENT PLANT)
(FILE NO. 68-071)**

I. REPORTING REQUIREMENTS

- A. Point Dume Limited (hereinafter Discharger) shall implement this monitoring program on the effective date (June 2, 2005) of Regional Board Order No. R4-2005-XXXX. The first monitoring report under this program, for July-September 2005, shall be received at the Regional Board by October 15, 2005. The Subsequent Monitoring reports shall be received at the Regional Board according to the following schedule:

<u>Reporting Period</u>	<u>Report Due</u>
January – March	April 30
April – June	July 30
July – September	October 30
October – December	January 30

- 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 30th 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). A copy of the laboratory certification shall be provided each time a new and/or renewal certification is obtained from ELAP.

April 27, 2005

- 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 Regional Board Executive Officer (Executive Officer). The Discharger shall submit a list of the analytical methods employed for each test and the associated laboratory quality assurance/quality control (QA/QC) procedures upon request by the Regional Board.
- F. 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.
- G. 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 United States Environmental Protection Agency (USEPA) guideline procedures or as specified in this Monitoring Program." Proper chain of custody procedures must be followed and a copy of the completed chain of custody form shall be submitted with the report.
- H. 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.
- I. 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.
- J. 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
- K. Any mitigation/remedial activity including any pre-discharge treatment conducted at the Point Dume Club Wastewater Treatment Plant must be reported in the quarterly monitoring report.

- L. For determination of compliance with the concentration-time (CT) requirement of 450 milligram-minutes per liter at all times, the Discharger shall obtain the following information in a 24-hour period. The CT is the product of total chlorine residual and modal contact time measured at the same time.
- 1 Modal contact time under highest flow and corresponding chlorine residual at that time.
 - 2 Lowest chlorine residual and corresponding modal contact time.
 - 3 Highest chlorine residual and corresponding modal contact time.
 - 4 Modal contact time under lowest flow and corresponding chlorine residual at that time.

CT values shall be calculated from these four sets of data and the lowest value shall be used to determine worst case CT for the period. For the purpose of this determination, modal contact time shall be derived from a predetermined plot correlating modal contact times to varying flow conditions. Results of tracer studies required in Order No. R4-2005-XXXX, Section C.1.a.i shall be conducted within 30 days after complete construction of the proposed upgrade and received at the Regional Board. The daily lowest CT value and the daily lowest modal contact time shall be included in the monitoring reports.

Should the Discharger use another method to determine CT compliance, the alternative method shall first be approved by the State Department of Health Services and the Regional Board.

II. OPERATION AND MAINTENANCE REPORT

A. 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 and the estimated acreage used for irrigation.
3. Results of at least monthly observations in the plant and irrigation areas for any over flow or run-off. Each quarterly report shall include a statement that all recycled water was used only as specified in the WDRs and WRRs.

B. The Discharger shall annually submit an operation and maintenance report on the wastewater treatment and reclamation plant. 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; and
4. Periodic pumping out of the digester/sludge tank.

III. WATER MONITORING

A sampling station shall be established where representative samples of treated wastewater (recycled water) can be obtained, prior to the discharge of recycled water for irrigation. Effluent samples may be obtained at a single station, provided that the station is representative of the quality at all discharge points. The Discharger shall submit a Sampling and Analysis Plan by July 15, 2005, identifying the sample or sampling stations and analysis protocol. This sampling and analysis plan is subject to Executive Officer's approval. The following shall constitute the effluent monitoring program.

<u>Constituent</u>	<u>Units</u> ^[1]	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis</u> ^[2]
Total waste flow	gal/day	recorder	continuous
Turbidity	NTU	recorder	continuous
Chlorine residual	mg/L	recorder	continuous
pH	pH units	grab ^[3]	daily
Total coliform	MPN/100mL	grab ^[3]	daily
BOD ₅ 20 °C	mg/L	grab ^[3]	weekly
Suspended solids	mg/L	grab ^[3]	weekly
Total organic carbon	mg/L	grab ^[3]	weekly
Oil and Grease	mg/L	grab ^[3]	weekly
Ammonia-N	mg/L	grab ^[3]	monthly
Nitrate-N	mg/L	grab ^[3]	monthly
Nitrite-N	mg/L	grab ^[3]	monthly
Organic nitrogen	mg/L	grab ^[3]	monthly
Total dissolved solids	mg/L	grab ^[3]	monthly
Boron	mg/L	grab ^[3]	monthly
Chloride	mg/L	grab ^[3]	monthly
Sulfate	mg/L	grab ^[3]	monthly
Surfactants (anionic, cationic and nonionic)	mg/L	grab ^[3]	quarterly

Perchlorate	µg/L	grab ^[3]	annually
Priority pollutant scan	µg/L	grab ^[3]	one-time ^[4] analysis

^[1] MPN/100mL: Most Probable Number per milliliter; mg/L: milligram per liter

^[2] For those constituents that are continuously monitored, the Discharger shall report the daily minimum, maximum, and average values.

^[3] Grab sample is an individual sample collected in a short period of time not exceeding 15 minutes. Grab samples shall be collected during normal peak loading conditions for the parameter of interest, which may or may not be during hydraulic peaks.

^[4] See Attachment A

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 parameter 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 S. Bishop
Executive Officer

Date: June 2, 2005