

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LAHONTAN REGION

MONITORING AND REPORTING PROGRAM NO. R6V-2006-0009
WDID NO. 6B190501001

MASTER WATER RECYCLING REQUIREMENTS
LOS ANGELES COUNTY SANITATION DISTRICT NO. 14 (LANCASTER)
DISINFECTED TERTIARY RECYCLED WATER

Los Angeles County

I. MONITORING

A. Flow

Each month, the total volume, in million gallons, and the average flow rate, in million gallons per day (mgd), shall be recorded for Recycled Water and groundwater supplied to the Division Street Corridor Recycled Water System:

1. The Recycled Water supplied from the existing 0.5 mgd tertiary treatment plant to the Recycled Water System,
2. The Recycled Water supplied from the proposed 1.0 mgd pilot tertiary treatment plant to the Recycled Water System, and
3. The groundwater supplied from Water Supply Well No. 4-15 to the Recycled Water System.

B. Application Rates for Fertilizers and Recycled Water

1. To demonstrate whether irrigation is at agronomic rates, include a tabular comparison of the:
 - a. Volume of water required for plant growth in each landscape area;
 - b. The volume of recycled water (and supplemental water) applied to each area; and
 - c. The number of acres for each area.
2. To demonstrate whether nitrogen fertilizer application is at agronomic rates, include a tabular comparison of the:
 - a. Amount of nitrogen (N) needed for plant growth in each landscape area;
 - b. Total amount of N applied to each area, including the amount of N in the recycled water and the amount of N in any fertilizer applied; and
 - c. The number of acres for each area.

3. Report the volume of recycled water used for soil compaction/dust control at each site during the period.

C. Permitting

The following shall be recorded/prepared each quarter:

1. A list of all Authorized Recycled Water Use Sites (sites), including the following information for each site: name of site, user name, type of use, site area (acres) and date the District approved use of recycled water at the site;
2. The total number of sites that received Recycled Water during the quarter shall be recorded; and
3. A map of suitable scale showing the boundary of the Permit Area and the sites that received recycled water.

D. Compliance Inspections and Enforcement

1. A list of sites inspected during the quarter, including the following information for each site:
 - a. Date of inspection, name of site, user name and type of use;
 - b. A description of any violations noted;
 - c. The date compliance was achieved and the corrective action taken; and
 - d. A description of enforcement action taken (if any), including any schedule for achieving compliance.

II. REPORTING

A. General Provisions

The District shall comply with the "General Provisions for Monitoring and Reporting," dated September 1, 1994, which is attached to and made part of this Monitoring and Reporting Program.

B. Quarterly Reports

Beginning on **September 1, 2006**, quarterly monitoring reports including the preceding information shall be submitted to the California Regional Water Quality Control Board, Lahontan Region (Lahontan Water Board) by the first day of the third month following each quarterly monitoring period. (Wat. Code, § 13523.1, subd. (b)(4).)

C. Annual Report

Beginning on **April 1st** of each year, the District shall submit an annual report to the Lahontan Water Board with the following information:

1. Documentation of status of the District's compliance with the attached Master Water Recycling Requirements;
2. The compliance record and the corrective actions taken or planned, which may be needed to bring the District into full compliance with the Master Water Recycling Requirements; and
3. The District's time schedule for completing corrective actions needed to achieve compliance.

Ordered by: _____ Dated: _____
HAROLD J. SINGER
EXECUTIVE OFFICER

Attachment: A. General Provisions for Monitoring and Reporting Program

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LAHONTAN REGION

GENERAL PROVISIONS
FOR MONITORING AND REPORTING

1. **SAMPLING AND ANALYSIS**

- a. All analyses shall be performed in accordance with the current edition(s) of the following documents:
 - i. Standard Methods for the Examination of Water and Wastewater
 - ii. Methods for Chemical Analysis of Water and Wastes, EPA
- b. All analyses shall be performed in a laboratory certified to perform such analyses by the California State Department of Health Services or a laboratory approved by the Regional Board Executive Officer. Specific methods of analysis must be identified on each laboratory report.
- c. Any modifications to the above methods to eliminate known interferences shall be reported with the sample results. The methods used shall also be reported. If methods other than EPA-approved methods or Standard Methods are used, the exact methodology must be submitted for review and must be approved by the Regional Board prior to use.
- d. The Discharger shall establish chain-of-custody procedures to insure that specific individuals are responsible for sample integrity from commencement of sample collection through delivery to an approved laboratory. Sample collection, storage, and analysis shall be conducted in accordance with an approved Sampling and Analysis Plan (SAP). The most recent version of the approved SAP shall be kept at the facility.
- e. The Discharger shall calibrate and perform maintenance procedures on all monitoring instruments and equipment to ensure accuracy of measurements, or shall insure that both activities will be conducted. The calibration of any wastewater flow measuring device shall be recorded and maintained in the permanent log book described in 2.b, below.
- f. A grab sample is defined as an individual sample collected in fewer than 15 minutes.
- g. A composite sample is defined as a combination of no fewer than eight individual samples obtained over the specified sampling period at equal intervals. The volume of each individual sample shall be proportional to the discharge flow rate at the time of sampling. The sampling period shall equal the discharge period, or 24 hours, whichever period is shorter.

2. OPERATIONAL REQUIREMENTS

a. Sample Results

Pursuant to California Water Code Section 13267(b), the Discharger shall maintain all sampling and analytical results including: strip charts; date, exact place, and time of sampling; date analyses were performed; sample collector's name; 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.

b. Operational Log

Pursuant to California Water Code Section 13267(b), an operation and maintenance log shall be maintained at the facility. All monitoring and reporting data shall be recorded in a permanent log book.

3. REPORTING

- a. For every item where the requirements are not met, the Discharger shall submit a statement of the actions undertaken or proposed which will bring the discharge into full compliance with requirements at the earliest time, and shall submit a timetable for correction.
- b. Pursuant to California Water Code Section 13267(b), all sampling and analytical results shall be made available to the Regional Board upon request. Results 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.
- c. The Discharger shall provide a brief summary of any operational problems and maintenance activities to the Board with each monitoring report. Any modifications or additions to, or any major maintenance conducted on, or any major problems occurring to the wastewater conveyance system, treatment facilities, or disposal facilities shall be included in this summary.
- d. Monitoring reports shall be signed by:
 - i. In the case of a corporation, by a principal executive officer at least of the level of vice-president or his duly authorized representative, if such representative is responsible for the overall operation of the facility from which the discharge originates;
 - ii. In the case of a partnership, by a general partner;
 - iii. In the case of a sole proprietorship, by the proprietor; or

- iv. In the case of a municipal, state or other public facility, by either a principal executive officer, ranking elected official, or other duly authorized employee.
- e. Monitoring reports are to include the following:
 - i. Name and telephone number of individual who can answer questions about the report.
 - ii. The Monitoring and Reporting Program Number.
 - iii. WDID Number.
- f. Modifications

This Monitoring and Reporting Program may be modified at the discretion of the Regional Board Executive Officer.

4. NONCOMPLIANCE

Under Section 13268 of the Water Code, any person failing or refusing to furnish technical or monitoring reports, or falsifying any information provided therein, is guilty of a misdemeanor and may be liable civilly in an amount of up to one thousand dollars (\$1,000) for each day of violation under Section 13268 of the Water Code.

x:PROVISIONS WDRS

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