

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

MONITORING AND REPORTING PROGRAM NO. 0821
FOR
VENTURA REGIONAL SANITATION DISTRICTS
AND
CAMROSA WATER DISTRICT
(Camrosa Wastewater Treatment Plant)
(Order No. 95-059)
(File No. 54-035)

The Ventura Regional Sanitation Districts and Camrosa Water District (hereinafter Discharger), shall implement this monitoring program on the effective date of this Order.

Monitoring reports shall be submitted by the dates in 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 |

The first monitoring report under this program shall be submitted by July 30, 1995.

By January 30th of each year, beginning in 1996, the Discharger shall submit an annual report to the Board. The report shall contain both tabular and graphical summaries of the monitoring data obtained during the previous year. In addition, the Discharger and Reclaimer 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 Requirements.

Effluent Monitoring

A sampling station shall be established where representative samples of treated wastewater prior to percolation and reclaimed water can be obtained. Reclaimed water samples may be obtained at a single station provided that station is representative of the quality at all discharge points. Each sampling station shall be identified and approved by the Executive Officer prior to its use. The following shall constitute the discharge and reclaimed water Monitoring Program:

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| <u>Constituents</u> | <u>Units</u> | <u>Type of Sample</u> | <u>Minimum Frequency of Analysis</u> |
|---------------------------------------|--------------|-----------------------|--------------------------------------|
| Total waste flow ¹ | gal/day | --- | continuous |
| pH | pH units | grab | daily |
| Coliform ² | MPN/100 mL | grab | daily |
| BOD, 20°C | mg/L | grab | weekly |
| Suspended solids | mg/L | grab | weekly |
| Settleable solids | mL/L | grab | weekly |
| Oil & grease | mg/L | grab | weekly |
| Total dissolved solids | mg/L | grab | monthly |
| Chloride | mg/L | grab | monthly |
| Boron | mg/L | grab | monthly |
| Sulfate | mg/L | grab | monthly |
| Fluoride | mg/L | grab | quarterly |
| Nitrate-N | mg/L | grab | quarterly |
| Nitrite-N | mg/L | grab | quarterly |
| Ammonia nitrogen-N | mg/L | grab | quarterly |
| Total organic carbon | mg/L | grab | quarterly |
| Radioactivity | pCi/L | grab | semi-annual |
| Priority pollutants scan ³ | µg/L | grab | semi-annual ³ |

¹ For those constituents that are continuously monitored, the Discharger shall report the minimum, maximum, and daily average values. The Discharger shall report the estimated volume of wastewater percolated to the subsurface on a daily basis.

² Coliform samples shall be obtained at some point in the treatment process at a time when wastewater flow and characteristics are most demanding on the treatment facilities and disinfection processes. The location(s) of the sampling point(s) and any proposed changes thereto must be approved by the Executive Officer, and the proposed changes shall not be made until such approval has been granted. If the chosen sampling point(s) is/are not immediately located prior to discharge, subsequent to all treatment processes, an additional control sample of the final reclaimed water must be obtained and analyzed for coliforms. The second sample(s), if required, shall be obtained at the same time and frequency as the other required samples.

³ Analyses shall be conducted for priority pollutants, for one year on a semi-annual basis; thereafter, sampling and analyses shall be completed annually.

Groundwater Monitoring

The Discharger shall establish, subject to Executive Officer's approval, suitable and accessible groundwater monitoring wells to assess background and impacted groundwater quality. Accordingly, within 90 days following adoption of this Order, the Discharger shall submit a report detailing wells that will be installed to monitor and evaluate impacts to groundwater quality from the discharge. The report must contain a workplan for the Executive Officer's approval prior to implementation. The report must be signed by a California Registered Geologist, California Certified Engineering Geologist, or California Registered Civil Engineer with appropriate experience.

The groundwater monitoring program shall consist of the following:

| <u>Constituents</u> | <u>Units</u> | <u>Type of Sample</u> | <u>Minimum Frequency of Analysis</u> |
|--|--------------|-----------------------|--------------------------------------|
| pH | pH units | grab | semi-annual |
| Total Coliform | MPN/100 mL | grab | semi-annual |
| Surfactants (anionic, cationic, non-ionic) | mg/L | grab | semi-annual |
| Total dissolved solids | mg/L | grab | semi-annual |
| Chloride | mg/L | grab | semi-annual |
| Boron | mg/L | grab | semi-annual |
| Sulfate | mg/L | grab | semi-annual |
| Nitrate-N | mg/L | grab | semi-annual |
| Nitrite-N | mg/L | grab | semi-annual |
| Ammonia nitrogen-N | mg/L | grab | semi-annual |
| Total phosphate | mg/L | grab | semi-annual |
| Total organic carbon | mg/L | grab | semi-annual |
| Priority pollutants scan ⁴ | µg/L | grab | one-time analysis |

⁴ See Page T-8. Results are to be submitted with the first annual report that includes data from groundwater monitoring, due January 30, 1996.

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Upon obtaining approval from the Executive Officer of an adequate groundwater monitoring program, the Discharger shall complete a semi-annual baseline sampling and testing program. This groundwater monitoring schedule is subject to revision, after completion of two years of baseline water quality monitoring to be completed by the end of 1997. Based upon review of the two years of semi-annual results, the Discharger may propose to the Executive Officer a reduced groundwater sampling and testing program, based upon existing conditions. The rationale used to determine the request for a reduced program must be stated, and is subject to the Executive Officer's approval.

The groundwater monitoring and reporting program shall contain the following information:

- a. Well identification, date and time of sampling, water temperature, depth to groundwater (from a standard reference point); and
- b. Samples identification, laboratory identification, date of sampling.
- c. Semi-annual observations of groundwater levels, recorded to 0.01 feet mean sea level.

General Provisions for Sampling and Analysis

All chemical, bacteriological, and toxicity analyses shall be conducted at a laboratory certified for such analyses by the State Department of Health Services Environmental Laboratory Accreditation Program, or approved by the Executive Officer. Laboratory analyses must follow methods approved by the United States Environmental Protection Agency (EPA), and the laboratory must meet EPA Quality Assurance/Quality Control criteria. All analytical data must be presented on the enclosed Laboratory Report Forms. Analytical data reported as "less than" or below the detection limit for the purpose of reporting compliance with limitations, shall be reported as "less than" a numerical value or "below the detection limit" for that particular analytical method (also giving the numerical detection limit).

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Wastes Hauling Report

In the event that wastes are hauled to a disposal site, the name and address of the hauler of the waste shall be reported in each quarterly monitoring report, along with quantities hauled during the quarter, and the location of the final point of disposal. If no wastes are hauled during the reporting period, a statement to that effect shall be submitted in the quarterly monitoring report.

General Provisions for Reporting

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 submit a timetable for correction.

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 water reclamation requirements and, where applicable, shall include results of receiving water observations.

Please submit all analytical data on 3 1/2" or 5 1/4" computer diskette. Submitted data must be IBM compatible, preferably using Lotus123 or dBase software, or in ASCII format.

The Discharger shall file a written report with this Board describing the purposes for which reclaimed water from this facility is used, estimating quantities used for each type of use, depicting on a map or drawing the area(s) of use, and stating the name and address of each user of reclaimed water if other than the Reclaimer. This report shall be updated at least annually, and shall be included with the annual report due January 30th each year.

Each quarterly report shall include a statement that all reclaimed water was used only as specified in the requirements during the quarter.

If no water was delivered for reuse during the quarter, the report shall so state.

Each quarterly monitoring report shall include the method(s) of irrigation, application rates, crops irrigated during the quarter and the approximate acreage receiving reclaimed water.

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Monitoring reports shall be signed and certified as follows:

- a. In the a case of corporation, by a principal Executive Officer of at least the level of vice-president;
- b. In the case of a partnership, by a general partner;
- c. In the case of a sole proprietorship, by the proprietor;
- d. In the case of municipal, state, federal, or other public agency, by either a principal Executive Officer or ranking elected official.

A duly authorized representative of a person designated above may sign documents if:

- a. The authorization is made in writing by a person described above;
- b. The authorization specifies either an individual or position having responsibility for the overall operation of the regulated facility or activity; and
- c. The written authorization is submitted to the Executive Officer of this Regional Board.

Each report shall contain the following completed declaration:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. [California Water Code Sections 13263, 13267, and 13268]

Executed on the ___ day of _____ at _____.

Signature

Title"

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Operation and Maintenance Report

The Discharger shall file a technical report with this Board, not later than 30 days after receipt of these Waste Discharge Requirements/Water Reclamation Requirements, relative to the operation and maintenance program for these discharge and reclamation facilities. The information to be contained in that report shall include, as a minimum, the following:

- a. The name and address of the person or company responsible for operation and maintenance of the facility.
- b. Type of maintenance (preventive or corrective).
- c. Frequency of maintenance, if preventive.

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


ROBERT P. GHIRELLI, D.Env.
Executive Officer

Date: May 15, 1995

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PRIORITY POLLUTANTS

Metals

Antimony
Arsenic
Beryllium
Cadmium
Chromium
Copper
Lead
Mercury
Nickel
Selenium
Silver
Thallium
Zinc

Miscellaneous

Cyanide
Asbestos (only if specifically required)

Pesticides

Aldrin
Chlordane
Dieldrin
4,4'-DDT
4,4'-DDE
4,4'-DDD
Alpha endosulfan
Beta endosulfan
Endosulfan sulfate
Endrin
Endrin aldehyde
Heptachlor
Heptachlor epoxide
Alpha BHC
Beta BHC
Gamma BHC
Delta BHC
Toxaphene
PCB 1016
PCB 1221
PCB 1232
PCB 1242
PCB 1248
PCB 1254
PCB 1260

Base/Neutral Extractibles

Acenaphthene
Benzidine
1,2,4-Trichlorobenzene
Hexachlorobenzene
Hexachloroethane
Bis (2-Chloroethyl) ether
2-Chloronaphthalene
1,2-Dichlorobenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
3,3'-Dichlorobenzidine
2,4-Dinitrotoluene
2,6-Dinitrotoluene
1,2-Diphenylhydrazine
Fluoranthene
4-Chlorophenyl phenyl ether
4-Bromophenyl phenyl ether
Bis (2-Chloroisopropyl) ether
Bis (2-Chloroethoxy) methane
Hexachlorobutadiene
Hexachlorocyclopentadiene
Isophorone
Naphthalene
Nitrobenzene
N-Nitrosodimethylamine
N-Nitrosodi-N-propylamine
M-Nitrosodiphenylamine
Bis (2-Ethylhexyl) phthalate
Butyl benzyl phthalate
Di-N-Butyl phthalate
Di-N-Octyl phthalate
Diethyl phthalate
Dimethyl phthalate
Benzo (A) anthracene
Benzo (A) pyrene
Benzo (B) fluoranthene
Benzo (K) fluoranthene
Chrysene
Acenaphthylene
Anthracene
1,12-Benzoperylene
Fluorene
Phenanthrene
1,2,5,6-Dibenzanthracene
Indeno (1,2,3-CD) pyrene
Pyrene
TCDD

Acid Extractibles

2,4,6-Trichlorophenol
P-Chloro-M-cresol
2-Chlorophenol
2,4-Dichlorophenol
2,4-Dimethylphenol
2-Nitrophenol
4-Nitrophenol
2,4-Dinitrophenol
4,6-Dinitro-O-cresol
Pentachlorophenol
Phenol

Volatile Organics

Acrolein
Acrylonitrile
Benzene
Carbon tetrachloride
Chlorobenzene
1,2-Dichloroethane
1,1,1-Trichloroethane
1,1-Dichloroethane
1,1,2-Trichloroethane
1,1,2,2-Tetrachloroethane
Chloroethane
Chloroform
1,1-Dichloroethylene
1,2-Transdichloroethylene
1,2-Dichloropropane
1,2-Dichloropropylene
Ethylbenzene
Methylene chloride
Methyl chloride
Methyl bromide
Bromoform
Bromodichloromethane
Dibromochloromethane
Tetrachloroethylene
Toluene
Trichloroethylene
Vinyl chloride
2-Chloroethyl vinyl ether