

State of California  
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, LOS ANGELES  
REGION  
ORDER NO. 99-064  
WASTE DISCHARGE REQUIREMENTS  
FOR  
SMITA AND TARUN SANGHVI  
(MOUNTAIN VIEW ALZHEIMER'S CENTER)  
(File No. 94-056)

The California Regional Water Quality Control Board, Los Angeles Region (Regional Board), finds:

1. Smita and Tarun Sanghvi (sole proprietorship, hereinafter Discharger) have filed a report of waste discharge to discharge 2,500 gallons per day of domestic wastewater from Mountain View Alzheimer's Center, an elder care facility, to the subsurface via a secondary biological activated sludge treatment system and ten seepage pits.
2. The Discharger operates the Mountain View Alzheimer's Center, located at 715 West Baseline Road (unincorporated Los Angeles County area), Claremont, California (Figure No. 1). The facility consists of twenty units, for elderly people 60 years and older, with a centralized kitchen and common dining and living areas, serving 30 people including staff. Currently, the Discharger discharges up to 2,300 gpd of domestic wastewater to a septic tank seepage pit disposal system under Waste Discharge Requirements contained in Order No. 97-114 adopted by this Regional Board on August 25, 1997. Order No. 97-114 expires on November 28, 1999.
3. The facility is located on a parcel of unincorporated Los Angeles County area adjacent to the City of Claremont, which is a predominantly single family residential area. This area is currently unsewered and relies on septic tank systems for disposal of domestic waste. The City of Claremont sanitary sewer line is located approximately 450 feet away from the facility property line. The Discharger has installed a dry sewer line leading up to the property line on Baseline Road. The Discharger has made several attempts to gain access to the City of Claremont sanitary sewer system; however, being located outside of the City of Claremont boundary limit, the Discharger has been denied access to the sanitary sewer system. The City of Claremont maintains that the facility must first be annexed to be connected to the City's sanitary sewer system.
4. The Discharger proposes to install a secondary biological activated sludge wastewater treatment system that produces secondary treated effluent with nitrogen removal. The treatment system will consist of a vessel packed with a media that provides a high surface area to volume ratio. The proposed wastewater treatment system can operate from 2,500 gpd to 10,000 gpd without operator's attention.

June 21, 1999

The Discharger has applied with the County of Los Angeles Department of Regional Planning to expand the existing facility from 20 units to 40 units, and proposes to discharge in the future up to 5,000 gpd per day of secondary treated domestic wastewater to the subsurface via five seepage pits. In addition, the Discharger proposes to build another facility for 40 residents, which will be located adjacent to the existing facility, and proposes to discharge an additional 5,000 gpd of secondary treated domestic wastewater to the subsurface via an additional five seepage pits. On June 1, 1998, Los Angeles County Department of Regional Planning prepared a mitigated negative declaration for this project. No significant impacts on water quality were identified in the declaration. However, the Los Angeles County Department of Regional Planning has not yet certified this mitigated negative declaration. The requirements in this Order are intended for the existing facility with a maximum discharge of 2,500 gpd.

5. The facility is located in Section 33, Township 1N, Range 8W, San Bernardino Base & Meridian. (The facility's approximate latitude is 34°10'30"; its longitude 117°46'17").
6. The project is located within Claremont Heights Area of the Upper Santa Ana Valley Basin.
7. The Board adopted a revised Water Quality Control Plan for the Los Angeles River Basin on June 13, 1994. The Water Quality Control Plan contains beneficial uses and water quality objectives for groundwater within the Upper Santa Ana Valley Basin. The requirements contained in this Order, as they are met, will be in conformance with the goals and objectives of the Water Quality Control Plan.
8. The beneficial uses of groundwater in the Claremont Heights Area are municipal and domestic supply, agricultural supply, industrial supply, and industrial process supply.
9. Groundwater quality monitoring derived from water wells located around the subject facility show different levels of nitrate and total dissolved solids concentrations. Some exceed the Maximum Contaminant Level (MCL) of 45 mg/L of the State Department of Health Services and the Water Quality Objectives in the Water Quality Control Plan, Los Angeles River Basin as shown below. Past and current septic tank systems and agricultural uses within the Claremont Heights Basin may have contributed to existing poor groundwater quality in the area.

Groundwater quality data in wells located about 2000 feet east from the Facility shows:

<u>Constituents</u>	<u>Water Quality Objectives (mg/L)</u>	<u>Well I.D. 10081040203 Well (mg/L)</u>
Total dissolved solids	220	388
Nitrates	45	23

Groundwater quality data in wells located about 500 feet north from the Facility shows:

<u>Constituents</u>	<u>Water Quality Objectives (mg/L)</u>	<u>Well I.D. 11081331401 Well (mg/L)</u>
Total dissolved solids	220	536.8
Nitrates	45	46

Groundwater quality data in wells located about 1700 feet south from the Facility shows:

<u>Constituents</u>	<u>Water Quality Objectives (mg/L)</u>	<u>Well I.D. 10081040303 Well (mg/L)</u>
Total dissolved solids	220	442.3
Nitrates	45	81.2

Groundwater quality data in wells located about 3200 feet west from the Facility shows:

<u>Constituents</u>	<u>Water Quality Objectives (mg/L)</u>	<u>Well I.D. 10081050201 Well (mg/L)</u>
Total dissolved solids	220	528.1
Nitrates	45	93

10. Uncontrolled discharge from this project could have a cumulative adverse impact on nitrates in receiving groundwater, and could cause poor water quality in the groundwater sub-basin and surrounding area of influence. The requirements in this Order are intended to prevent such adverse effects.
11. This project involves an existing facility and, as such, is exempt from the provisions of the California Environmental Quality Act (Public Resources Code, Section 2100 et seq.) in accordance with Title 14, California Code of Regulations, Chapter 3, Section 15301.

The Regional Board has notified the Discharger and interested agencies and persons of its intent to issue Waste Discharge Requirements for this waste discharge, and has provided them with an opportunity to submit their written views and recommendations. The Regional Board, in a public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED that Smita and Tarun Sanghvi shall comply with the following:

A. EFFECTIVE DATE

These requirements are effective on November 28, 1999.

B. DISCHARGE PROHIBITION

The discharge of more than 2,500 gallons per day is prohibited.

C. EFFLUENT LIMITATIONS:

1. Wastes discharged shall be limited to domestic wastes only. No industrial or commercial wastewaters shall be discharged at this location.
2. The discharge of raw or inadequately treated sewage at any time is prohibited.
3. Waste discharged shall not contain constituents in excess of the following limits:

<u>Effluent Limitations</u>		
<u>Constituent</u>	<u>Units</u>	<u>Maximum Effluent Limitations</u>
BOD <sub>5</sub> 20°C	mg/L	30
Oil and Grease	mg/L	15
Suspended Solids	mg/L	30
Ammonia-N plus Nitrate-N plus Nitrite-N	mg/L	10

4. Waste discharged shall at all times be within the range of 6.5 to 8.5 pH units.
5. Any wastes that do not meet the foregoing requirements shall be held in impervious containers, transferred elsewhere, and the final discharge shall be at a legal point of disposal.

D. GENERAL REQUIREMENTS

1. There shall be no discharge of wastes to surface water or watercourses at any time.
2. Treated wastewater discharged to the seepage pits shall not contain heavy metals, arsenic, or cyanide in concentrations exceeding the limits contained in the current California Drinking Water Standards.
3. In no case may the seepage pits extend to within 10 feet of the zone of historic or anticipated high groundwater. The Discharger must submit certification that the septic seepage pits disposal system meet this requirement.
4. No part of the seepage pits shall be closer than 150 feet to any water well, or closer than 100 feet to any stream, channel or other watercourse.
5. Adequate facilities shall be provided to divert storm waters away from the biological treatment system and seepage pits disposal system, and from areas where any potential pollutants are stored.

6. The biological treatment system and seepage pits disposal system shall be protected from damage by storm flows, or runoff.
7. Wastes discharged shall at no time contain, any substance in concentrations toxic to human, animal, plant, or aquatic life.
8. The biological treatment system and seepage pits disposal system shall be maintained in such a manner that at no time will sewage be permitted to surface or overflow at any location.
9. Odors of sewage origin shall not be perceivable beyond the limits of the property owned or controlled by the Discharger.
10. Neither the treatment nor the discharge of waste shall create a condition of pollution, contamination, or nuisance, or problems due to breeding of mosquitoes, midges, flies, or other pests.
11. Wastes shall not be disposed of in geologically unstable areas or so as to cause earth movement.
12. Wastes discharged shall not impart tastes, odors, color, foaming or other objectionable characteristics to receiving groundwater.
13. There shall be no onsite disposal of sludge. Any offsite disposal of sewage or sludge shall be made only to a legal point of disposal, and in accordance with provisions of Division 7.5 of the California Water Code. For the purpose of these requirements, a legal point of disposal is defined as one for which Waste Discharge Requirements have been established by a California Regional Water Quality Control Board, and which is in full compliance therewith.

E. PROVISIONS

1. A copy of these Waste Discharge Requirements shall be maintained at the facility so as to be available at all times to operating personnel.
2. The Discharger shall file with the Regional Board technical reports on self-monitoring work performed according to the detailed specifications contained in the Monitoring and Reporting Program, as directed by the Executive Officer. The results of any monitoring done more frequently than required at the location and/or times specified in the Monitoring and Reporting Program shall be reported to the Regional Board.

3. The Discharger shall notify this Board within 24 hours of any adverse conditions as a result of the discharge of wastewater from this facility; written confirmation shall follow within 7 days. This information shall be confirmed in the next monitoring report. In addition, the report shall also include the reasons for the violations or adverse conditions, the steps being taken to correct the problem (including dates thereof), and the steps being taken to prevent a recurrence.
4. The Discharger shall comply with all rules and regulations of the Los Angeles County Department of Health Services for construction, operation, maintenance, expansion, and abandonment of subsurface sewage disposal systems.
5. This Order does not alleviate the responsibility of the Discharger to obtain other necessary local, state, and federal permits to construct facilities necessary for compliance with this Order; nor does this Order prevent imposition of additional standards, requirements, or conditions by any other regulatory agency.
6. Prior to any necessary repair to the biological treatment system and/or seepage pits disposal system, an engineer's analysis is required as to the completeness and determination of the effectiveness of the proposed repair work.
7. The Discharger shall file a written report with this Board within 90 days after the average dry-weather waste-flow for any month equals or exceeds 90 percent of the design capacity of the biological treatment system and seepage pits disposal system. The report shall detail provisions to cope with the flows in excess of that figure.
8. Any discharge of wastewater at any point(s) other than specifically described in this Order is prohibited, and constitutes a violation of the Order.
9. After notice and opportunity for a hearing, this Order may be terminated or modified for cause, including, but not limited to:
  - (a) Violation of any term or condition contained in this Order;
  - (b) Obtaining this Order by misrepresentation, or failure to disclose all relevant facts;
  - (c) A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.
10. The Discharger shall furnish, within a reasonable time, any information the Regional Board may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this Order. The Discharger shall also furnish to the Regional Board, upon request, copies of records required to be kept by this Order.

11. This Order includes "Standard Provisions Applicable to Waste Discharge Requirements". If there is any conflict between provisions stated herein and the "Standard Provisions", those provisions stated herein will prevail.

I, Dennis A. Dickerson, Executive Officer, do hereby certify that the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, Los Angeles Region, on July 8, 1999.



DENNIS A. DICKERSON  
Executive Officer

/AJL

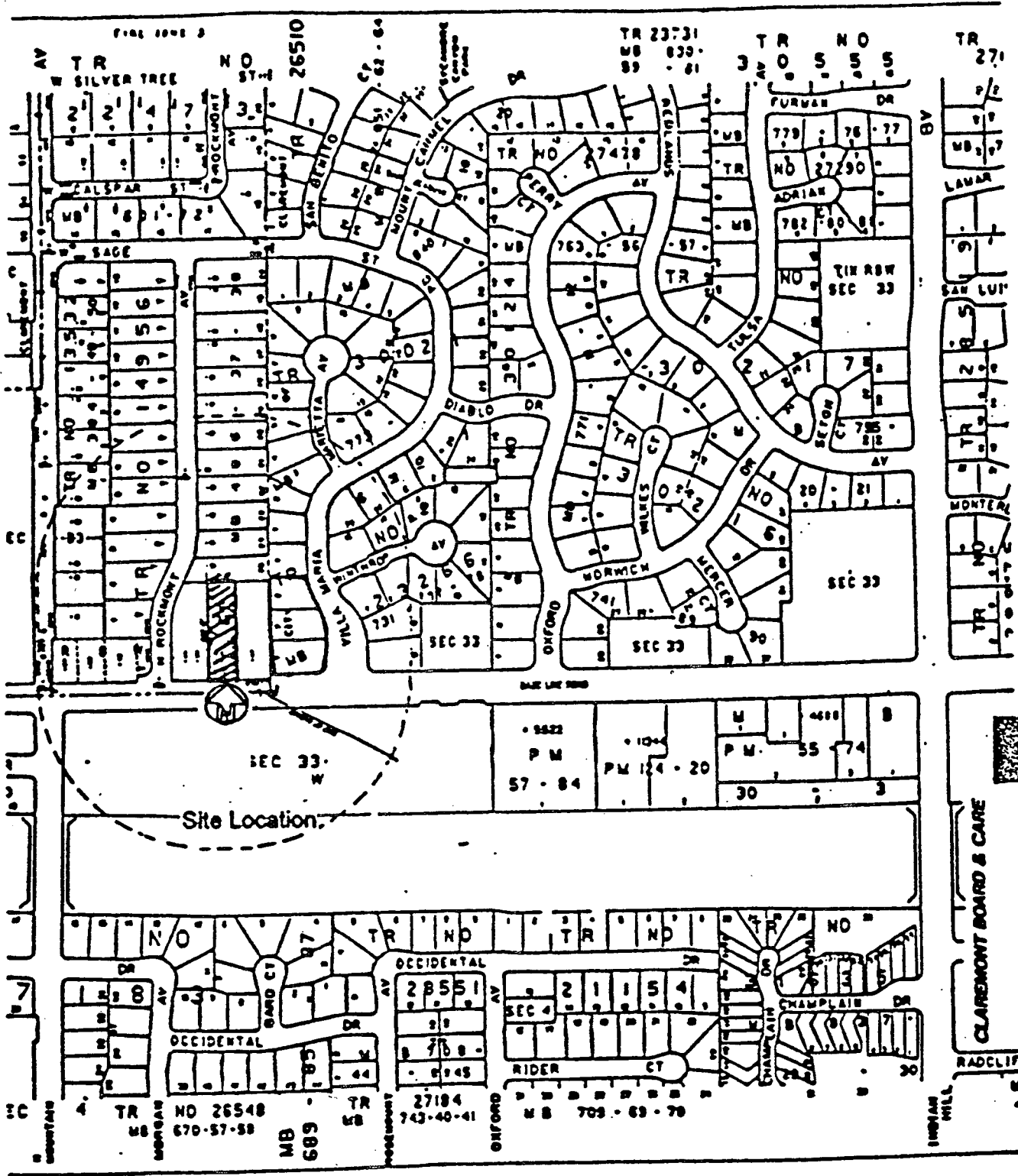


Figure 1

Mountain View Alzheimer's Center



State of California  
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, LOS ANGELES  
REGION

MONITORING AND REPORTING PROGRAM NO. CI 7821  
FOR  
SMITA AND TARUN SANGHVI  
(MOUNTAIN VIEW ALZHEIMER'S CENTER)  
File No. 94-056

Smita and Tarun Sanghvi (hereinafter Discharger) shall implement this monitoring program on November 28, 1999.

Monitoring reports shall be received by the dates in the following schedule:

I. Reporting

<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 received by January 30<sup>th</sup>, 2000. If no discharge has occurred during the reporting period, the report shall state for that effect.

By January 30<sup>th</sup> of each year, beginning January 30<sup>th</sup> 2001, the Discharger shall submit an annual report to the Board. The report shall contain summaries of the monitoring data obtained during the previous 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. The Annual analysis shall be performed during the October-December reporting period

II. Effluent Monitoring

A sampling station shall be established where representative samples of treated wastewater can be obtained, prior to disposal into the seepage pits. Effluent samples may be obtained at a single station, provided that station is representative of the quality at all discharge points. The Discharger shall submit a Sampling and Analysis Plan identifying sampling stations, and sampling and analysis protocol. This sampling and analysis plan is subject to Executive Officer approval. The following shall constitute the effluent Monitoring Program:

<u>Constituents</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis</u>
Total waste flow <sup>1</sup>	gal/day	recorder	continuous
pH	pH Units	grab	quarterly
BOD <sub>5</sub> 20°C	mg/L	grab	monthly
Suspended solids	mg/L	grab	monthly
Oil & grease	mg/L	grab	quarterly
Total dissolved solids	mg/L	grab	quarterly
Chloride	mg/L	grab	quarterly
Sulfate	mg/L	grab	quarterly
Boron	mg/L	grab	quarterly
Nitrate-N <sup>2</sup>	mg/L	grab	monthly
Nitrite-N <sup>2</sup>	mg/L	grab	monthly
Ammonia-N <sup>2</sup>	mg/L	grab	monthly
Organic nitrogen	mg/L	grab	monthly
Surfactants (anionic, cationic and nonionic)	mg/L	composite	quarterly
Priority pollutants scan <sup>3</sup>	µg/L	composite	one-time analysis

<sup>1</sup>For those constituents that are continuously monitored, the Discharger shall report the daily minimum, maximum, and average values.

<sup>2</sup>The nitrogen species shall be monitored in the final effluent. The location(s) of the sampling point(s) and any proposed changes thereto must be approved by the Executive Officer, and any proposed changes shall not be made until such approval has been granted. Based upon results of the first year of monthly analyses, the Discharger may propose to the Executive Officer a reduced sampling and testing program.

<sup>3</sup>Priority pollutants are listed on Page 6 and 7

In addition, the quarterly reports shall contain the following information:

- a. Average and maximum daily waste flow for each month of the quarter.
- b. Estimated population served during each month of the reporting period.
- c. A statement relative to compliance with discharge specifications during the reporting period.
- d. Results of at least weekly observations in the disposal area for any overflow or surfacing of wastes, other visible effects of the waste discharge, and odor effects. Observation shall be made on different days of the week, including at least one Saturday and one Sunday in each month.

### III. General Provisions for Sampling and Analysis

All chemical and bacteriological 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. 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).

### IV. 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.

### V. 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.

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.

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.

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

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

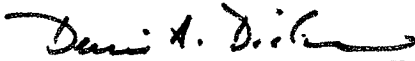
\_\_\_\_\_  
Title"

VI. Operation and Maintenance Report

The Discharger shall file a technical report with this Regional 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 office of the California Regional Water Quality Control Board, Los Angeles Region.



DENNIS A. DICKERSON  
Executive Officer

DATE: July 8, 1999

/AJL

**PRIORITY POLLUTANTS**

**Metals**

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

**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

**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

**Miscellaneous**

Cyanide  
 Asbestos (only if specifically required)

**Volatile Organics**

Acrolein  
 Acrylonitrile  
 Benzene  
 Carbon tetrachloride  
 Chlorobenzene  
 1,2-Dichloroethane  
 1,1,1-Trichloroethane

**Pesticides & PCBs**

Aldrin  
 Chlordane  
 Dieldrin  
 4,4'-DDT  
 4,4'-DDE  
 4,4'-DDD  
 Alpha-endosulfan  
 Beta-endosulfan  
 Endosulfan sulfate  
 Endrin  
 Endrin aldehyde  
 Heptachlor  
 Heptachlor epoxide

Isophorone  
 Naphthalene  
 Nitrobenzene  
 N-nitrosodimethylamine  
 N-nitrosodi-n-propylamine  
 N-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

1,1-Dichloroethane  
 1,1,2-Trichloroethane  
 1,1,2,2-Tetrachloroethane  
 Chloroethane  
 Chloroform  
 1,1-Dichloroethylene  
 1,2-Trans-dichloroethylene  
 1,2-Dichloropropane  
 1,2-Dichloropropylene  
 Ethylbenzene  
 Methylene chloride  
 Methyl chloride  
 Methyl bromide  
 Bromoform  
 Bromodichloromethane

Alpha-BHC  
Beta-BHC  
Gamma-BHC  
Delta-BHC  
Toxaphene  
PCB 1016  
PCB 1221  
PCB 1232  
PCB 1242  
PCB 1248  
PCB 1254  
PCB 1260

Benzo(k) fluoranthene  
Chrysene  
Acenaphthylene  
Anthracene  
1,12-Benzoperylene  
Fluorene  
Phenanthrene  
1,2,5,6-Dibenzanthracene  
Indeno (1,2,3-cd) pyrene  
Pyrene  
TCDD

Dibromochloromethane  
Tetrachloroethylene  
Toluene  
Trichloroethylene  
Vinyl chloride  
2-Chloroethyl vinyl ether

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