STATE OF CALIFORNIA—ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
CENTRE PLAZA DRIVE
MONTEREY PARK, CA 91754-2156
(213) 266-7500
FAX: (213) 266-7600

July 18, 1995

Mr. Bert Hayman
Los Angeles County Department of Health Services
Antelope Valley Rehabilitation Centers
30500 North Arrastre Canyon Road
Acton, CA 93510

WASTE DISCHARGE REQUIREMENTS FOR LOS ANGELES COUNTY DEPARTMENT OF HEALTH SERVICES, ACTON REHABILITATION CENTER, 30500 NORTH ARRASTRE CANYON ROAD, ACTON, CALIFORNIA (File No. 72-004, CI 5802)

Our letter dated June 20, 1995, transmitted copies of tentative Waste Discharge Requirements for waste discharge from the above project.

Pursuant to Division 7 of the California Water Code, this California Regional Water Quality Control Board, at a public meeting held on July 17, 1995, reviewed the tentative Waste Discharge Requirements, considered all factors in the cases, and adopted Order No. 95-103 (copy attached), relative to this waste discharge.

Project	File No.	Order No.	Monitoring Program No.
County of Los Angeles Department of Health Services, Acton Rehabilitation Center	72-4	95-103	5802

You are required to implement Monitoring and Reporting Program No. 5802 on the effective date of the Order. Your first monitoring report under these requirements is due to this Regional Board by October 30, 1995. All Monitoring reports should be sent to the Regional Board, Attn: Technical Support Unit.

Please reference all technical and monitoring reports to our Compliance File No. 5802. We would appreciate it if you would not combine other reports, such as progress or technical reports, with your monitoring reports.

If you have any questions, please call me at (213) 266-7546.

Rod Nelson

for David A. Bacharowski
Environmental Specialist IV
Subsurface Regulation Unit

Enclosures

cc: Archie Matthews, Division of Water Quality, State Water Resources Control Board,
Jorge Leon, Office of Chief Counsel, State Water Resources Control Board
Ahmad Hassan, Department of Water Resources
Gary Yamamoto, Drinking Water Field Operation Branch, State Department of Health Services
Michael Kiado, Environmental Management Branch, State Department of Health Services
South Coast Air Quality Management District
Waste Management Division, Los Angeles County, Department of Public Works
Jack Petralia, Department of Health Services-Environmental Health, Los Angeles County
Jhon Shoe, Department of Regional Planning, Los Angeles County

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

ORDER NO. 95-103
WASTE DISCHARGE REQUIREMENTS
FOR
COUNTY OF LOS ANGELES DEPARTMENT OF HEALTH SERVICES
(Acton Rehabilitation Center)
(File No. 72-004)

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

1. The County of Los Angeles Department of Health Services, (hereinafter Discharger) operates Acton Rehabilitation Center, located at 30500 North Arrastre Canyon Road, Acton, California (Figure 1). Treated domestic wastewaters are discharged under Water Reclamation Requirements contained in Order No. 86-49, adopted by this Regional Board on June 23, 1986.

2. The California Water Code Section 13263(e) provides that all requirements shall be reviewed periodically and, upon such review, may be revised by the Regional Board. A review of the current requirements, followed by a site inspection, was conducted by Regional Board staff, during which material changes to existing operations were identified, which included the discharge of commercial type wastes and elimination of this site as a water reclamation facility.

   These Waste Discharge Requirements have been revised to include effluent limitations, updated standard provisions, an expanded monitoring and reporting program, and groundwater monitoring.

3. The wastewater treatment process consists of screening, comminution, primary sedimentation, trickling filtration, secondary sedimentation, and chlorination. Secondary treated wastewater is discharged to a lined concrete holding pond and then percolates to the subsurface through a 3,900 foot-long unlined ditch surrounding the plant. The Plant has a design capacity of 150,000 gallons per day (gpd). During the last year (1994), an average daily dry weather flow of up to 22,000 gpd was discharged to the holding pond and the ditch disposal system onsite. Sludge is dried onsite in concrete lined sludge drying beds and then disposed of on open land onsite. Dried sludge will be hauled offsite to a legal disposal facility.

4. The wastewater treatment plant (Plant), and ditch disposal system are located in Section 12, Township 4N, Range 13W, San Bernardino Base & Meridian. (The facility's approximate latitude is 34°26'17" N; its longitude is 118°11'7" W).

5. The Los Angeles County Municipal Water District No. 37 provides domestic water for this facility. There are two groundwater agricultural supply wells located within 1/4 mile, upgradient of the plant, which produce water used for onsite landscape irrigation purposes only.

6. The Plant, holding pond, and ditch disposal system are located in the Acton Valley Groundwater Basin of the Santa Clara-Calleguas Hydrologic Unit.

7. The beneficial uses of groundwater in the Acton Valley Groundwater Basin are municipal and domestic supply, agricultural supply, industrial services and process supply.

8. The Plant is located in an unsewered area of Acton. The cumulative nitrate increase in the groundwater, from the combination of other waste discharges in the area, this waste discharge project, and future projects, may cause an unacceptable impact on groundwater resources.

9. An action level for nitrate in the groundwater has been identified at 34 mg/L, or 75% of the State Department of Health Services MCL of 45 mg/L. Identification of nitrate at this level should allow sufficient time for emplacement and activation of mitigation measures, should they become necessary.

10. Discharges of domestic and commercial wastes to groundwater, associated with the use of the disposal ditch, may impact water quality. As a result of this impact, the beneficial use of groundwater as a domestic supply may be adversely impacted or become unattainable.

11. The Regional Board adopted a revised Water Quality Control Plan for the Los Angeles Region on June 13, 1994. The Water Quality Control Plan contains beneficial uses and water quality objectives for groundwater within the Acton Valley Groundwater 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.

12. 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 California Code of Regulations, Title 14, Chapter 3, Section 15301.

The Regional Board has notified the Discharger and interested agencies and persons of its intent to revise Waste Discharge Requirements for this 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 and to the tentative requirements.

IT IS HEREBY ORDERED that the County of Los Angeles Department of Health Services Acton Rehabilitation Center, shall comply with the following:

A. DISCHARGE PROHIBITIONS

1. No water softener regeneration brines or industrial wastewaters shall be discharged at this location.

2. Wastewater discharged shall not contain heavy metals, arsenic, or cyanide in concentrations exceeding the limits contained in the current California Drinking Water Standards.

3. Radioactivity shall not exceed the limits specified in the current version of Title 22, California Code of Regulations, Chapter 15, Article 5, Sections 64441 and 64443, or subsequent revisions.

4. There shall be no discharge of wastes to surface water or watercourses at any time.

5. No part of the treatment plant, holding pond, or ditch disposal system shall be closer than 150 feet to any water well, or closer than 100 feet to any stream, channel, or other watercourse.

6. In no case may the treatment plant, holding pond, or ditch disposal system extend to within 10 feet of the zone of historic or anticipated high groundwater level.

7. Neither the treatment nor the discharge of waste shall create a condition of pollution, contamination, or nuisance.

8. Wastes shall not be disposed of in geologically unstable areas or so as to cause earth movement.

9. Wastes discharged shall not impart tastes, odors, color, foaming or other objectionable characteristics to receiving groundwater.

10. 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. For purposes of this Order, a legal disposal site is one for which requirements have been established by a California Regional Water Quality Control Board, and which is in full compliance therewith. Any sewage or sludge handling shall be in such a manner as to prevent its reaching surface waters or watercourses.

B. EFFLUENT LIMITATIONS

1. Waste discharged shall be limited to treated domestic and commercial wastewater only.

2. The pH of wastes discharged shall at all times be within the range 6.5 to 8.5 pH units.

3. Wastes discharged shall not contain constituents in excess of the following limits:

Constituent	Units	Maximum Effluent Limitation
Total dissolved solids	mg/L	550
Sulfate	mg/L	150
Chloride	mg/L	100
Boron	mg/L	1.0
Nitrate-N plus nitrite-N plus ammonia-N	mg/L	10
Oil & grease	mg/L	15
Suspended solids	mg/L	30
BOD_5 20°C	mg/L	30

4. Any wastes that do not meet the foregoing requirements shall be held in impervious containers, and discharged at a legal point of disposal.

C. GENERAL REQUIREMENTS

1. Adequate facilities shall be provided to divert surface and storm water away from the wastewater treatment plant, holding pond, and ditch disposal system, and from areas where any potential pollutants are stored.

2. The treatment plant, holding pond, and ditch disposal system shall be maintained in such a manner that at no time will sewage be permitted to surface or overflow at any location.

3. Odors of sewage origin shall not be perceivable beyond the limits of the property owned or controlled by the Discharger.

4. The treatment plant, holding pond, and ditch disposal system shall be protected from damage by storm flows, or runoff.

5. Wastes discharged shall at no time contain any substance in concentrations toxic to human, plant, or aquatic life.

6. A certified Grade II Wastewater Treatment Plant Operator shall inspect the wastewater treatment plant, on a weekly basis, at a minimum, to ensure that the treatment processes are working properly and that the Plant's effluent is in compliance with this Board's Order.

7. A groundwater monitoring program shall be established so that groundwater beneath the site, or in the immediate vicinity of the site, may be measured, sampled, and analyzed to determine if the discharge has impacted groundwater quality.

D. PROVISIONS

1. A copy of these Waste Discharge Requirements shall be maintained at the office of the Discharger and at the treatment plant so as to be available at all times to operating personnel.

2. This facility shall be compatible with regional sewage collection and treatment plans.

3. Standby or emergency power facilities and/or storage capacity or other means shall be provided so that in the event of plant upset or outage due to power failure or other cause, discharge of raw or inadequately treated sewage does not occur.

4. 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.

5. The Discharger shall notify this Board within 24 hours of any adverse condition as a result from the discharge of wastewater from this facility; written confirmation shall follow within one week. 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.

6. The Discharger shall notify the Board immediately, by telephone, of any bypassing or overflow of sewage, including surfacing of wastes. Written confirmation shall follow within one week and shall include information relative to the location, estimated volume, date and time, duration, cause, and remedial measures taken to effect cleanup and/or to prevent recurrence.

7. Prior to any necessary repair to the treatment plant, holding pond, or ditch disposal system, an engineer's analysis is required as to the completeness and determination of the effectiveness of the proposed repair work.

8. The Discharger shall submit complete as-built construction and operation details for the wastewater treatment plant, holding pond, and ditch disposal system to the Board within 60 days after the adoption of this Order.

9. The Discharger shall comply with all rules and regulations of the Los Angeles County Department of Health Services for construction, operation, maintenance, and expansion of sewage disposal systems.

10. 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.

11. Any discharge of wastewater at any point(s) other than specifically described in this Order is prohibited, and constitutes a violation of the Order.

12. 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.

13. 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.

14. 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 treatment plant, holding pond, and ditch disposal system. The report shall detail provisions to cope with the flows in excess of that figure.

15. For any modifications of the treatment plant, holding pond, or ditch disposal system, the Discharger shall submit a report detailing the extension or expansion for the approval of the Executive Officer. Following construction, as-built drawings shall be submitted to the Executive Officer for approval prior to disposal of treated wastewater.

16. The Discharger shall submit to the Regional Board, within 60 days of the adoption of this Order, procedures that will be (or have been) taken to ensure that discharge of untreated sewage from the treatment facility, in the event of equipment failure, will not occur.

17. 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.

D. Rescission

Order No. 86-049, adopted by this Board on June 23, 1986, is hereby rescinded.

I, Robert P. Ghirelli, 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 17, 1995.

Robert P. Ghirelli

ROBERT P. GHIRELLI, D.Env.
Executive Officer

/MB

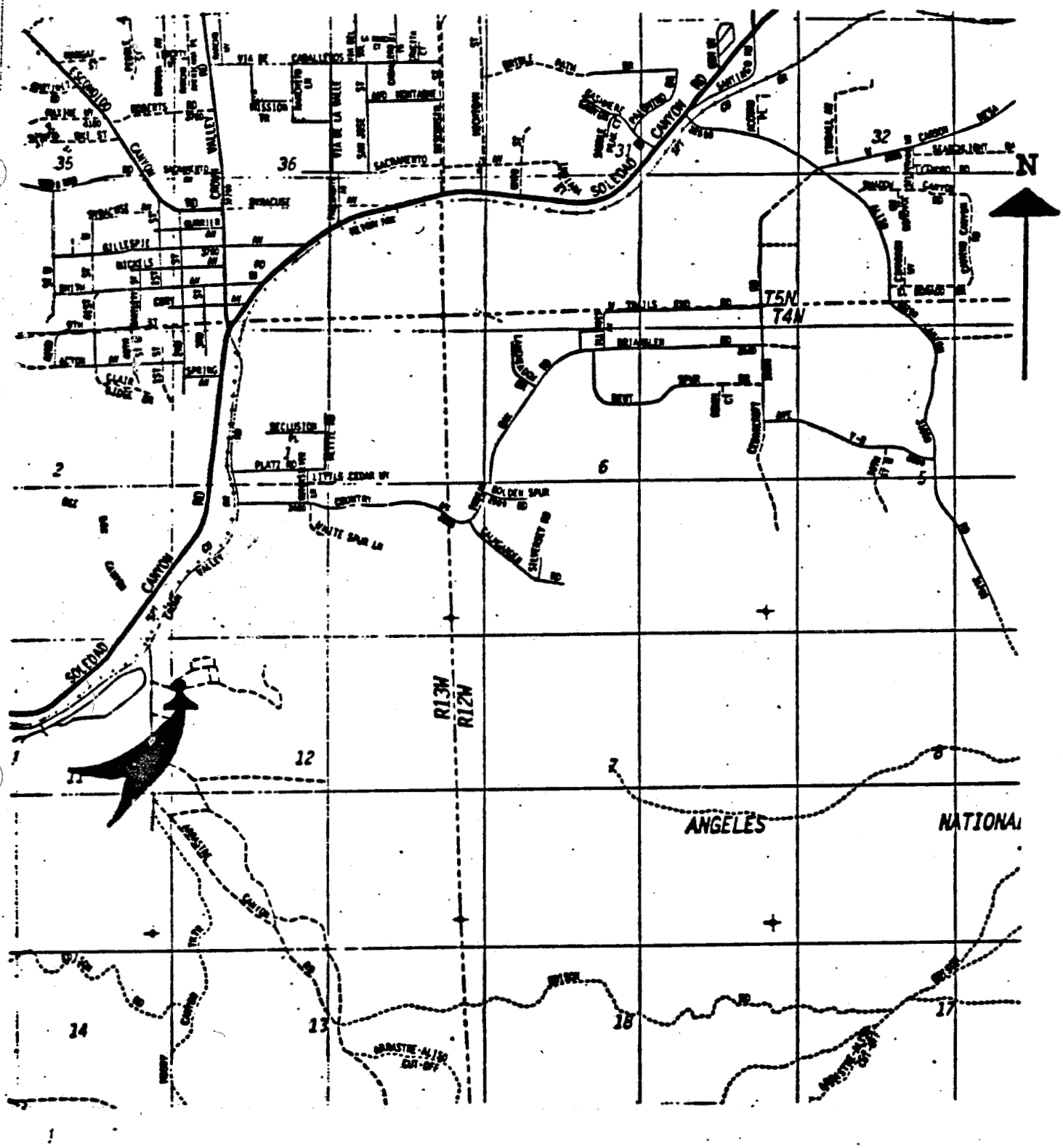

Figure No. 1
County of Los Angeles, Department of Health Services
Acton Rehabilitation Center (Wastewater Treatment Plant)
30500 North Arrastre Canyon Road, Acton

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

MONITORING AND REPORTING PROGRAM NO. 5802
FOR
COUNTY OF LOS ANGELES, DEPARTMENT OF HEALTH SERVICES
(Acton Rehabilitation Center)
(Order No. 95-103)
(File No. 72-004)

County of Los Angeles, Department of Health Services, shall implement this monitoring program on the effective date of this Order. Monitoring reports shall be submitted by the dates in the following schedule:

Reporting Period	Report Due
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 October 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 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 can be obtained. Discharge 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 wastewater Monitoring Program:

County of Los Angeles
Department of Health Services
(Acton Rehabilitation Center)
Monitoring and Reporting Program No. 5802

File No. 72-004

Constituent	Units	Type of Sample	Minimum Frequency of Analysis
Total waste flow	gal/day	continuous	- - - -
pH	pH units	grab	weekly
Suspended solids	mg/L	grab	weekly
BOD_5 20°C	mg/L	grab	monthly
Oil & grease	mg/L	grab	monthly
Total dissolved solids	mg/L	grab	quarterly
Chloride	mg/L	grab	quarterly
Boron	mg/L	grab	quarterly
Sulfate	mg/L	grab	quarterly
Nitrate-N	mg/L	grab	quarterly
Nitrite-N	mg/L	grab	quarterly
Ammonia nitrogen-N	mg/L	grab	quarterly
Radioactivity	pCi/L	grab	one time analysis
Priority pollutant scan*	µg/L	grab	one time analysis

* See Page T-8, results to be submitted with the first annual report, due January 30, 1996.

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 one year 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:

County of Los Angeles
Department of Health Services
(Acton Rehabilitation Center)
Monitoring and Reporting Program No. 5802

File No. 72-004

Constituent	Units	Type of Sample	Minimum Frequency of Analysis
pH	pH Units	grab	semi-annually
Ammonia - N	mg/L	grab	semi-annually
Nitrate - N	mg/L	grab	semi-annually
Nitrite - N	mg/L	grab	semi-annually
Chloride	mg/L	grab	semi-annually
Surfactants (anionic, cationic, and nonionic)	mg/L	grab	semi-annually
Total phosphate	mg/L	grab	semi-annually
Total dissolved solids	mg/L	grab	semi-annually
Sulfate	mg/L	grab	semi-annually
Total coliform	count/100ml	grab	semi-annually
Fecal coliform	count/100ml	grab	semi-annually
Priority pollutants scan*	mg/L	grab	one time anaylsis

* See Page T-8, results to be submitted with the second annual report, due January 30, 1997.

This groundwater monitoring schedule is subject to revision, after completion of two years of semi-annual baseline water quality monitoring to be completed during 1997 and 1998. Based upon review of the two years of semi-annually sampling 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. Sampler identification, laboratory identification, date(s) of analysis.

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. 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).

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 Board.

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

Please submit all analytical data on hardcopy and 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 semi-annually reports shall contain the following information:

a. Average and maximum daily waste flow for each month of the quarter.

b. Estimated average population served during each month of the reporting period, and the approximate acreage irrigated by treated wastewater.

c. A statement relative to compliance with discharge specifications during the reporting period.

d. Results of at least weekly observations in the ditch disposal area for any overflowing 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. The day and date (i.e., Sunday, September 10) of the observations shall be reported along with any abnormalities observed.

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.

Each report shall contain the following 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"

Wastes Hauling Reporting

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 semi-annually 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 semi-annually monitoring report.

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, relative to the operation and maintenance program for this treatment facility. 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.

County of Los Angeles
Department of Health Services
(Acton Rehabilitation Center)
Monitoring and Reporting Program No. 5802

File No. 72-004

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.

Robert P. Ghirelli

ROBERT P. GHIRELLI, D.Env.
Executive Officer

Date: July 17, 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 & 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
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
N-nitrosodiphenylamine
Bis (2-ethylhexyl thalate1,2-trans-dichloroethylene

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-dichloropropane
1,2-dichloropropylene
Ethylbenzene
Methylene chloride
Methyl chloride
Methyl bromide
Bromoform
Dibromochloromethane
Chlorodibromomethane
Tetrachloroethylene
Toluene
Trichloroethylene
Vinyl chloride
2-chloroethyl vinyl ether