

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

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April 2, 1996

Mr. Tim Stevens
Chief Administrative Officer
Social Model Recovery Systems, Inc.
23701 East Fork Road
Asuza, CA 91702

**WASTE DISCHARGE REQUIREMENTS FOR SOCIAL MODEL RECOVERY SYSTEMS, INC.,
RIVER COMMUNITY SEWAGE TREATMENT PLANT, 23701 EAST FORK ROAD, ASUZA,
CALIFORNIA 91702 (File No. 71-047, CI 5711)**

Our March 6, 1996, letter transmitted Revised tentative Waste Discharge Requirements for the discharge of secondary treated wastewater from the above project.

Pursuant to Division 7 of the California Water Code, this Regional Board at a public meeting held on April 1, 1996, reviewed the revised tentative requirements, considered all factors in the case, and adopted Order No. 96-021 (copy attached) relative to this waste discharge.

<u>Project</u>	<u>File No.</u>	<u>Order No.</u>	<u>Monitoring & Reporting Program No.</u>
Social Model Recovery Systems Inc., River Community Sewage Treatment Plant	71-047	96-021	5711

You are required to implement Monitoring and Reporting Program No. 5711 on the effective date of the Order. Your first monitoring report under these Requirements is due to this Regional Board by October 30, 1996. All monitoring reports should be sent to the Regional Board, Attn: Technical Support Unit.

Please reference all monitoring reports to our Monitoring and Compliance File No. CI-5711. We would appreciate if you would not combine other reports, such as progress or technical reports, with your monitoring reports.

Standard Provisions (revised November 7, 1990), which are part of these requirements, are enclosed for the addressee only. However, these are on file in our office, and a copy will be sent to you upon request.

Mr. Tim Stevens
April 2, 1996
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If you have any questions or need additional information, please contact Mr. Ahmad Lamaa at (213) 266-7560.



HUBERT H. KANG
Senior Water Resources Control Engineer
Subsurface Regulation Unit

Enclosures

cc: John Youngerman, Division of Water Quality, State Water Resources Control Board
Jorge Leon, Office of Chief Counsel, State Water Resources Control Board
Department of Water Resources, Southern District
Department of Fish and Game, Region 5
Gary Yamamoto, Drinking Water Field Operations Branch, State Department of Health Services
Michael Kiado, Environmental Management Branch, State Department of Health Services
South Coast Air Quality Management District
Jack Petralia, Department of Environmental Health, County of Los Angeles
Los Angeles County, Department of Regional Planning
Carl Sjoberg, Department of Public Works, Waste Management Division, County of Los Angeles
Charles W. Carry, County Sanitation Districts of Los Angeles County
Vernon Holm, Social Model Recovery Systems Inc.
Kati Ooten, Chino Basin Municipal Water District

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

ORDER NO. 96-021
WASTE DISCHARGE REQUIREMENTS
FOR
SOCIAL MODEL RECOVERY SYSTEMS, INC.
(River Community Sewage Treatment Plant)
(File No. 71-047)

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

1. Social Model Recovery System, Inc. a corporation (hereinafter Discharger), operates the River Community Sewage Treatment Plant, located at 23701 East Fork Road, Azusa, California (Figure 1). Treated domestic and commercial wastewaters are discharged under Waste Discharge Requirements contained in Order No. 87-111, adopted by this Regional Board on July 27, 1987.
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, and no violations of requirements were observed.

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

3. The Discharger operates a residential treatment center (Center) for people with drug and alcohol problems, and mental health illnesses. The site consists of eight buildings, which can serve a maximum capacity of 38 patients. The current center population is 50 patients and staff.
4. The River Community Wastewater Treatment Plant (Plant) uses a biological treatment system, consisting of a primary settling tank, a trickling filter, with one to a hundred recycling ratio, and a secondary clarifier. The final treated effluent flows through underground piping utilizing gravity flow and is discharged to the subsurface through two leachfield disposal systems, located approximately 300 feet from a stream which flows into the East Fork of the San Gabriel River. Waste sludge is hauled offsite to a legal disposal facility.
5. The treatment plant has a design capacity of up to 20,000 gallons per day (gpd). The average daily dry weather flow during 1995 was approximately 7,000 gpd.

Revised February 27, 1996
January 30, 1996

6. The Plant and leachfield disposal system are located in Section 23, Township 2N, Range 9W, San Bernardino Base and Meridian. The facility's latitude is 34° 14' 18"; its longitude is 117° 46' 20."
7. The Plant is located in mountainous terrain that makes sewer construction difficult. To date no public sewer system has been scheduled for construction in the vicinity of the project, and the nearest community sewer system is several miles away.
8. The Discharger receives domestic water from two local production wells onsite. The two water supply wells are owned and operated by the Discharger. One well is located approximately 2000 feet in a southwesterly direction from the leachfields, while the other well is located approximately 500 feet northeasterly direction from the leachfields.
9. The Plant and leachfield disposal system are located within the Upper Eastern Areas of the San Gabriel Valley Groundwater Basin of the Los Angeles River Basin. The beneficial uses of groundwater in the Upper Eastern Areas of the Main San Gabriel Valley Groundwater Basin are municipal and domestic supply, agricultural supply, and industrial service and process supply.
10. The Board adopted a revised Water Quality Control Plan for the Los Angeles Region on June 13, 1994. The Plan contains beneficial uses and establishes water quality objectives for groundwater of the Upper Eastern Areas of the San Gabriel 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.
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 21100 et seq.) in accordance with the California Code of Regulations, Title 14, Chapter 3, Section 15301.

The Regional Board has notified Social Model Recovery Systems, Inc., 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 revised requirements.

IT IS HEREBY ORDERED that Social Model Recovery Systems, Inc. shall comply with the following:

A. EFFLUENT LIMITATIONS

1. Wastes discharged shall be limited to treated domestic and commercial wastewaters only.
2. Wastes discharged shall not contain constituents in excess of the following limits:

Effluent Limitations

<u>Constituents</u>	<u>Units</u>	<u>Maximum Effluent Limitations</u>
Total dissolved solids	mg/L	600
Chloride	mg/L	100
Sulfate	mg/L	100
Boron	mg/L	0.5
BOD ₅ 20°C	mg/L	30
Suspended Solids	mg/L	30
Oil & grease	mg/L	15
Total organic carbon	mg/L	20

3. The pH of the wastes discharged shall at all times be within the range of 6.5 to 8.5 pH units.
4. Wastes discharged shall not contain heavy metals, arsenic, or cyanide in concentrations exceeding the limits contained in the current California Drinking Water Standards.
5. Any wastes that do not meet the foregoing requirements shall be held in impervious containers, and discharged at a legal point of disposal.

B. GENERAL REQUIREMENTS

1. The Plant and leachfield disposal system shall be maintained in such a manner so that at no time will wastes be permitted to surface or overflow at any location.
2. The Plant and leachfield disposal system shall be protected from damage by storm flows or runoff.
3. Adequate facilities shall be provided to divert surface and storm water away from the Plant and the leachfield disposal system, and from areas where any potential pollutants are stored.

4. Supervisors and operators of this Plant shall possess a certificate of appropriate grade as specified in Title 23, California Code of Regulations, Section 3680 or subsequent revisions.
5. Public access to the wastewater treatment, storage, and disposal facilities shall be restricted at all times.
6. 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 subsurface sewage disposal (leachfields) systems.
7. A groundwater monitoring program shall be established, by the Discharger, so that groundwater beneath the site, or in the immediate vicinity of the site, may be measured, sampled, and analyzed to determine if waste discharge has impacted groundwater quality.

C. PROHIBITIONS

1. There shall be no discharge of wastes to surface water or watercourses at any time.
2. No water softener regeneration brines or industrial wastewater shall be discharged at this location.
3. No part of the leachfield disposal system shall be closer than 150 feet to any water well, or closer than 100 feet to any stream, channel or other watercourse.
4. In no case shall the leachfield disposal system extend to within 10 feet of the zone of historic or anticipated high groundwater level. The Discharger must submit certification that the leachfield disposal system meets this requirement within 60 days from adoption of this Order.
5. The discharge or use of raw or inadequately treated sewage at any time is prohibited.
6. Wastes discharged shall not result in earth movement in geologically unstable areas.
7. Neither the treatment nor the discharge of waste shall create a condition of pollution, contamination, or nuisance, or problems due to breeding of mosquitos, midges, flies, or other pests.
8. Wastewater disposal shall not impart tastes, odors, color, foaming, or other objectionable characteristics to receiving groundwater.

9. Wastewater disposal, which could affect receiving groundwater, shall not contain any substance in concentrations toxic to human, animal, or plant life.
10. Odors of sewage origin shall not be perceivable beyond the limits of the property owned or controlled by the Discharger.
11. Raw sewage or partially dried waste sludge shall not be sprayed on the ground surface.
12. Wastes discharged shall at no time contain any substance in concentrations toxic to human, plant, or aquatic life.
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. 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.
14. The discharge of wastewater at any point(s) other than specifically described in this Order is prohibited, and constitutes a violation of the Order.

D. PROVISIONS

1. A copy of these requirements shall be maintained at the treatment and discharge facilities 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 sufficient capacity shall be provided for wastewater storage during rainfall or in the event of plant upsets or power outages, and at times when disposal via the leachfield system cannot be practiced.
4. In accordance with Section 13267 of the California Water Code, the Discharger shall furnish, under penalty of perjury, technical monitoring reports performed according to 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 locations and/or times specified in the Monitoring and Reporting Program shall be reported to the Regional Board. The Monitoring and Reporting Program shall be subject to periodic revisions as warranted.

5. The Discharger shall notify this Regional Board, by telephone within 24 hours, of any violations of effluent limitations or any adverse conditions as a result of the discharge of wastewater from this facility; written confirmation shall follow within one week.
6. 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 an other regulatory agency. Expansion of this facility from its current capacity shall be contingent upon issuance of all necessary permits, including a Conditional Use Permit.
7. For any extension or expansion of the sewage treatment plant or the leachfield 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 domestic wastewater.
8. 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.
9. The Discharger shall submit complete as-built construction and operation details for the Plant, sewer collection system, and the leachfield disposal system, to the Regional Board within 60 days after adoption of this Order.
10. Prior to any necessary repair to the Plant, sewer collection and distribution system, or the evaporation/percolation pond disposal system, a California Registered Professional Engineer's analysis is required as to the completeness and determination of the effectiveness of the proposed repair work.
11. The Discharger shall file a written report with this Regional 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, and evaporation/percolation ponds disposal system. The report shall detail provisions to cope with the flows in excess of that figure.

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 take all reasonable steps to minimize or prevent any discharge that has a reasonable likelihood of adversely affecting human health or the environment.
15. 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 or partially treated sewage from the treatment facility, in the event of equipment failure, will not occur.
16. Bypass (the intentional diversion of waste streams from any portion of a treatment facility) is prohibited. The Regional Board may take enforcement action against the Discharger for bypass unless:
 - (a) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage (Severe property damage means substantial physical damage to property, damage to the treatment facilities that causes them to become inoperable, or substantial and permanent loss of natural resources that can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.);
 - (b) There were no feasible alternatives to bypass, such as the use of auxiliary treatment facilities, retention of untreated waste, or maintenance during normal periods of equipment down time. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass that could occur during normal periods of equipment downtime or preventive maintenance; and

- (c) The Discharger submitted a notice at least ten days in advance of the need for a bypass to the Regional Board.

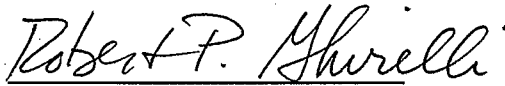
The Discharger may allow a bypass to occur that does not cause effluent limitations to be exceeded, but only if it is for essential maintenance to ensure efficient operation. In such a case, the above bypass conditions are not applicable.

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

E. RESCISSION

Order No. 87-111, adopted by this Board on July 27, 1987, is hereby rescinded.

I, Robert P. Ghirelli, Executive Officer, do hereby certify that the foregoing is a full, true, and correct copy of a revised Order adopted by the California Regional Water Quality Control Board, Los Angeles Region, on April 1, 1996.



ROBERT P. GHIRELLI, D.Env.
Executive Officer

/AJL

STANDARD PROVISIONS
APPLICABLE TO WASTE DISCHARGE REQUIREMENTS

1. DUTY TO COMPLY

The discharger must comply with all conditions of these waste discharge requirements. A responsible party has been designated in the Order for this project, and is legally bound to maintain the monitoring program and permit. Violations may result in enforcement actions, including Regional Board orders or court orders requiring corrective action or imposing civil monetary liability, or in modification or revocation of these waste discharge requirements by the Regional Board. [CWC Section 13261, 13263, 13265, 13268, 13300, 13301, 13304, 13340, 13350]

2. GENERAL PROHIBITION

Neither the treatment nor the discharge of waste shall create a pollution, contamination or nuisance, as defined by Section 13050 of the California Water Code (CWC). [H&SC Section 5411, CWC Section 13263]

3. AVAILABILITY

A copy of these waste discharge requirements shall be maintained at the discharge facility and be available at all times to operating personnel. [CWC Section 13263]

4. CHANGE IN OWNERSHIP

The discharger must notify the Executive Officer, in writing at least 30 days in advance of any proposed transfer of this Order's responsibility and coverage to a new discharger. The notice must include a written agreement between the existing and new discharger containing a specific date for the transfer of this Order's responsibility and coverage between the current discharger and the new discharger. This agreement shall include an acknowledgement that the existing discharger is liable for violations up to the transfer date and that the new discharger is liable from the transfer date on. [CWC Sections 13267 and 13263]

5. CHANGE IN DISCHARGE

In the event of a material change in the character, location, or volume of a discharge, the discharger shall file with this Regional Board a new Report of Waste Discharge. [CWC Section 13260(c)]. A material change includes, but is not limited to, the following:

- (a) Addition of a major industrial waste discharge to a discharge of essentially domestic sewage, or the addition of a new process or product by an industrial facility resulting in a change in the character of the Waste.

**Standard Provisions Applicable to
Waste Discharge Requirements**

- (b) Significant change in disposal method, e.g., change from a land disposal to a direct discharge to water, or change in the method of treatment which would significantly alter the characteristics of the waste.
- (c) Significant change in the disposal area, e.g., moving the discharge to another drainage area, to a different water body, or a disposal area significantly removed from the original area potentially causing different water quality or nuisance problems.
- (d) Increase in flow beyond that specified in the waste discharge requirements.
- (e) Increase in area or depth to be used for solid waste disposal beyond that specified in the waste discharge requirements. [CCR Title 23 Section 2210]

6. REVISION

These waste discharge requirements are subject to review and revision by the Regional Board. [CCR Section 13263]

7. TERMINATION

Where the discharger becomes aware that it failed to submit any relevant facts in a Report of Waste Discharge or submitted incorrect information in a Report of Waste Discharge or in any report to the Regional Board, it shall promptly submit such facts or information. [CWC Sections 13260 and 13267]

8. VESTED RIGHTS

This Order does not convey any property rights of any sort or any exclusive privileges. The requirements prescribed herein do not authorize the commission of any act causing injury to persons or property, do not protect the discharger from his liability under Federal, State or local laws, nor do they create a vested right for the discharger to continue the waste discharge. [CWC Section 13263(g)]

9. SEVERABILITY

Provisions of these waste discharge requirements are severable. If any provision of these requirements are found invalid, the remainder of these requirements shall not be affected. [CWC Section 921]

Standard Provisions Applicable to
Waste Discharge Requirements

10. OPERATION AND MAINTENANCE

The discharger shall, at all times, properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the discharger to achieve compliance with conditions of this Order. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls including appropriate quality assurance procedures. This provision requires the operation of backup or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of this Order. [CWC Section 13263(f)]

11. HAZARDOUS RELEASES

Except for a discharge which is in compliance with these waste discharge requirements, any person who, without regard to intent or negligence, causes or permits any hazardous substance or sewage to be discharged in or on any waters of the State, or discharged or deposited where it is, or probably will be, discharged in or on any waters of the State, shall, as soon as (a) that person has knowledge of the discharge, (b) notification is possible, and (c) notification can be provided without substantially impeding cleanup or other emergency measures, immediately notify the Office of Emergency Services of the discharge in accordance with the spill reporting provision of the State toxic disaster contingency plan adopted pursuant to Article 3.7 (commencing with Section 8574.7) of Chapter 7 of Division 1 of Title 2 of the Government Code, and immediately notify the State Board or the appropriate Regional Board of the discharge. This provision does not require reporting of any discharge of less than a reportable quantity as provided for under subdivisions (f) and (g) of Section 13271 of the Water Code unless the discharger is in violation of a prohibition in the applicable Water Quality Control plan. [CWC Section 13271(a)]

12. PETROLEUM RELEASES

Except for a discharge which is in compliance with these waste discharge requirements, any person who without regard to intent or negligence, causes or permits any oil or petroleum product to be discharged in or on any waters of the State, or discharged or deposited where it is, or probably will be, discharged in or on any waters of the State, shall, as soon as (a) such person has knowledge of the discharge, (b) notification is possible, and (c) notification can be provided without substantially impeding cleanup or other emergency measures, immediately notify the Office of Emergency Services of the discharge in accordance with the spill reporting provision of the State oil spill contingency plan adopted pursuant to Article 3.5 (commencing with Section 8574.1) of Chapter 7 of Division 1 of Title 2 of the Government Code. This provision does not require reporting of any discharge of less than 42 gallons unless the discharge is also required to be reported pursuant to Section 311 of the Clean Water Act or the discharge is in violation of a prohibition in the applicable Water Quality Control Plan. [CWC Section 13272]

Standard Provisions Applicable to
Waste Discharge Requirements

13. ENTRY AND INSPECTION

The discharger shall allow the Regional Board, or an authorized representative upon the presentation of credentials and other documents as may be required by law, to:

- (a) Enter upon the discharger's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this Order;
- (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this Order;
- (c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Order; and
- (d) Sample or monitor at reasonable times, for the purposes of assuring compliance with this Order, or as otherwise authorized by the California Water Code, any substances or parameters at any location. [CWC Section 13267]

14. MONITORING PROGRAM AND DEVICES

The discharger shall furnish, under penalty of perjury, technical monitoring program reports; such reports shall be submitted in accordance with specifications prepared by the Executive Officer, which specifications are subject to periodic revisions as may be warranted. [CWC Section 13267]

All monitoring instruments and devices used by the discharger to fulfill the prescribed monitoring program shall be properly maintained and calibrated as necessary to ensure their continued accuracy. All flow measurement devices shall be calibrated at least once per year, or more frequently, to ensure continued accuracy of the devices. Annually, the discharger shall submit to the Executive Officer a written statement, signed by a registered professional engineer, certifying that all flow measurement devices have been calibrated and will reliably achieve the accuracy required.

Unless otherwise permitted by the Regional Board Executive officer, all analyses shall be conducted at a laboratory certified for such analyses by the State Department of Health Services. The Regional Board Executive Officer may allow use of an uncertified laboratory under exceptional circumstances, such as when the closest laboratory to the monitoring location is outside the State boundaries and therefore not subject to certification. All analyses shall be required to be conducted in accordance with the latest edition of "Guidelines Establishing Test Procedures for Analysis of Pollutants" [40 CFR Part 136] promulgated by the U.S. Environmental Protection Agency. [CCR Title 23, Section 2230]

Standard Provisions Applicable to
Waste Discharge Requirements

15. TREATMENT FAILURE

In an enforcement action, it shall not be a defense for the discharger that it would have been necessary to halt or to reduce the permitted activity in order to maintain compliance with this Order. Upon reduction, loss, or failure of the treatment facility, the discharger shall, to the extent necessary to maintain compliance with this Order, control production or all discharges, or both, until the facility is restored or an alternative method of treatment is provided. This provision applies, for example, when the primary source of power of the treatment facility fails, is reduced, or is lost. [CWC Section 13263(f)]

16. DISCHARGES TO NAVIGABLE WATERS

Any person discharging or proposing to discharge to navigable waters from a point source (except for discharge of dredged or fill material subject to Section 404 of the Clean Water Act and discharge subject to a general NPDES permit) must file an NPDES permit application with the Regional Board. [CCR Title 2 Section 22357]

17. ENDANGERMENT TO HEALTH AND ENVIRONMENT

The discharger shall report any noncompliance which may endanger health or the environment. Any such information shall be provided verbally to the Executive Officer within 24 hours from the time the discharger becomes aware of the circumstances. A written submission shall also be provided within five days of the time the discharger becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected; the anticipated time it is expected to continue and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. The Executive officer, or an authorized representative, may waive the written report on a case-by-case basis if the oral report has been received within 24 hours. The following occurrence(s) must be reported to the Executive Officer within 24 hours:

- (a) Any bypass from any portion of the treatment facility.
- (b) Any discharge of treated or untreated wastewater resulting from sewer line breaks, obstruction, surcharge or any other circumstances.
- (c) Any treatment plant upset which causes the effluent limitation of this Order to be exceeded. [CWC Sections 13263 and 13267]

18. MAINTENANCE OF RECORDS

The discharger shall retain records of all monitoring information including all calibration and maintenance records, all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this Order, and records of all data used

**Standard Provisions Applicable to
Waste Discharge Requirements**

to complete the application for this Order. Records shall be maintained for a minimum of three years from the date of the sample, measurement, report, or application. This period may be extended during the course of any unresolved litigation regarding this discharge or when requested by the Regional Board Executive Officer.

Records of monitoring information shall include:

- (a) The date, exact place, and time of sampling or measurements;
 - (b) The individual(s) who performed the sampling or measurements;
 - (c) The date(s) analyses were performed;
 - (d) The individual(s) who performed the analyses;
 - (e) The analytical techniques or method used; and
 - (f) The results of such analyses.
19. (a) All application reports or information to be submitted to the Executive Officer shall be signed and certified as follows:
- (1) For a corporation -- by a principal executive officer or at least the level of vice president.
 - (2) For a partnership or sole proprietorship -- by a general partner or the proprietor, respectively.
 - (3) For a municipality, state, federal, or other public agency -- by either a principal executive officer or ranking elected official.
- (b) A duly authorized representative of a person designated in paragraph (a) of this provision may sign documents if:
- (1) The authorization is made in writing by a person described in paragraph (a) of this provision.
 - (2) The authorization specifies either an individual or position having responsibility for the overall operation of the regulated facility or activity; and
 - (3) The written authorization is submitted to the Executive Officer.

Any person signing a document under this Section shall make the following certification:

Standard Provisions Applicable to
Waste Discharge Requirements

"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. [CWC Sections 13263, 13267, and 13268]"

20. OPERATOR CERTIFICATION

Supervisors and operators of municipal wastewater treatment plants and privately owned facilities regulated by the PUC, used in the treatment or reclamation of sewage and industrial waste shall possess a certificate of appropriate grade in accordance with Title 23, California Code of Regulations Section 3680. State Boards may accept experience in lieu of qualification training. In lieu of a properly certified wastewater treatment plant operator, the State Board may approve use of a water treatment plant operator of appropriate grade certified by the State Department of Health Services where reclamation is involved.

Each plant shall be operated and maintained in accordance with the operation and maintenance manual prepared by the municipality through the Clean Water Grant Program. [CWC Title 23, Section 2233(d)]

ADDITIONAL PROVISIONS APPLICABLE TO
PUBLICLY OWNED TREATMENT WORKS' ADEQUATE CAPACITY

21. Whenever a publicly owned wastewater treatment plant will reach capacity within four years the discharger shall notify the Regional Board. A copy of such notification shall be sent to appropriate local elected officials, local permitting agencies and the press. The discharger must demonstrate that adequate steps are being taken to address the capacity problem. The discharger shall submit a technical report to the Regional Board showing flow volumes will be prevented from exceeding capacity, or how capacity will be increased, within 120 days after providing notification to the Regional Board, or within 120 days after receipt of notification from the Regional Board, of a finding that the treatment plant will reach capacity within four years. The time for filing the required technical report may be extended by the Regional Board. An extension of 30 days may be granted by the Executive Officer, and longer extensions may be granted by the Regional Board itself. [CCR Title 23, Section 2232]

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

MONITORING AND REPORTING PROGRAM NO. 5711
FOR
SOCIAL MODEL RECOVERY SYSTEMS, INC.
(River Community Sewage Treatment Plant)
(Order No. 96-021)
(File No. 71-047)

Social Model Recovery Systems, Inc. (hereinafter Discharger) shall implement this monitoring program on the effective date of this Order.

Reporting

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 October 30, 1996.

By January 30th of each year, beginning in 1997, 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.

The Discharger must specify a schedule, within 60 days from adoption of this Order, whereby an appropriate grade wastewater treatment plant operator will perform required inspections of the Plant, subject to the Executive Officer's approval

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 approved by the Executive Officer prior to its use. The following shall constitute the wastewater Monitoring Program:

Effluent Monitoring

<u>Constituents</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis</u>
Total waste flow	gal/day	---	continuous
pH	pH Units	grab	quarterly
BOD ₅ 20°C	mg/L	grab	quarterly
Suspended solids	mg/L	grab	quarterly
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	mg/L	grab	quarterly
Nitrite-N	mg/L	grab	quarterly
Ammonia-N	mg/L	grab	quarterly
Water quality parameters ¹ and constituents	-----	grab	one-time analysis ²

¹Water Quality Parameters and Constituents are listed in Appendix A.

²Analysis shall be conducted for water quality parameters and constituents during 1996, and the results submitted with the annual report due by January 30, 1997.

The effluent monitoring frequency is subject to revision after completion of the first year of monitoring. Based upon the results of the first year of sampling results, the Discharger may propose to the Executive Officer a reduced monitoring 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.

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).

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.

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, 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 leachfields disposal systems for any overflow or surfacing of waste.

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.

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 hard copy and 3 1/2" computer diskette. Submitted data must be IBM compatible, preferably using Excel or dBase software, or in ASCII format.

If no wastewater was discharged during the quarter, the report shall so state.

Each quarterly monitoring report shall include the estimated average population served during the quarter and the approximate acreage receiving reclaimed water.

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"

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 these treatment 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.

Social Model Recovery Systems, Inc.
(River Community Sewage Treatment Plant)
Monitoring and Reporting Program No. 5711

Order No. 96-021

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, D.Env.
Executive Officer

Date: April 1, 1996

/AJL

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

Appendix A
Water Quality Parameters and Constituents

PHYSICAL PARAMETERS

Temperature
Turbidity

Color
Hydrogen ion (pH)

MICROORGANISMS

Coliform bacteria

Total coliform
Fecal coliform

INORGANIC AND MISCELLANEOUS CONSTITUENTS

Major Minerals

Total dissolved solids
Calcium
Sodium
Potassium
Total hardness
Total alkalinity
Bicarbonate
Carbonate
Chloride
Sulfate
Fluoride

Nitrogen Species

Nitrate as nitrogen
Nitrite as nitrogen
Ammonia as nitrogen
Organic nitrogen

Miscellaneous

Asbestos
Cyanide **
Foaming agents (anionic,
cationic, nonionic)
Chlorine**

Radioactivity **

Gross alpha particle activity
Gross beta particle activity
Radium-226
Radium-228
Strontium-90
Tritium
Uranium

Metals

Aluminum
Antimony
Arsenic
Barium
Beryllium
Boron
Cadmium
Chromium
Copper
Iron
Lead
Mercury
Manganese
Nickel
Selenium
Silver
Thallium
Zinc

APPENDIX A (continued)
ORGANIC CONSTITUENTS

Oxidants/Reductants

Biochemical oxygen demand
Total organic carbon

Trihalomethanes

Trichloromethane
Dibromochloromethane
Bromodichloromethane
Tribromomethane

Other Volatile Organic Compounds

Acrolein
Acrylonitrile
Benzene
Carbon tetrachloride
Chloroethane
1,4-Dichlorobenzene
1,1-Dichloroethane
1,2-Dichloroethane
cis-1,2-Dichloroethylene
trans-1,2-Dichloroethylene
1,1,1-Trichloroethane
1,1-Dichloroethylene
1,1,2-Trichloroethane
1,1,2,2-Tetrachloroethane
1,1-Dichloroethylene
Dichloromethane
Dibromochloropropane
1,2-Dichloropropane
1,3-Dichloropropane
1,2-Dichloropropylene
Ethylbenzene
Methylene chloride
Methyl chloride
Methyl bromide
Styrene
Tetrachloroethylene
Toluene
1,2,4-trichlorobenzene
Trichloroethylene
Thiobencarb

**Other Volatile Organic Compounds
(continued)**

Vinyl chloride
2-Chloroethyl vinyl ether
1,2,2-Trichloro-1,2,2-trifluoroethane
Trichlorofluoromethane
Xylenes

Base/Neutral Extractables

Acenaphthylene
Benzidine
Hexachlorobenzene
Hexachloroethane
Bis (2-chloroethyl) ether
2-Chloronaphthalene
1,2-Dichlorobenzene
1,3-Dichlorobenzene
3,3'-Dichlorobenzidine
2,4-Dinitrotoluene
2,6-Dinitrotoluene
1,2-Ddiphenylhydrazine
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
Di (2-ethylhexyl) phthalate
Butyl benzyl phthalate
Di-N-butyl phthalate
Di-N-octyl phthalate
Diethyl phthalate
Dimethyl phthalate
Benzo (A) anthracene
Benzo (A) pyrene

APPENDIX A (continued)
ORGANIC CONSTITUENTS (continued)

Base/Neutral Extractables (continued)

Benzo (B) fluoranthene
Benzo (K) fluoranthene
Chrysene
Anthracene
1,1,2-Benzoperylene
Fluorene
Phenanthrene
1,2,5,6-Dibenzanthracene
Indeno (1,2,3-CD) pyrene
Pyrene

Acid Extractables

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

Pesticides

Alachlor
Aldicarb
Aldicarb sulfone
Aldicarb sulfoxide
Atrazine
Aldrin
Bentazon
Benzo (a) pyrene
Carbofuran
Chlordane
Dieldrin

Pesticides (continued)

4,4'-DDT
4,4'-DDE
4,4'-DDD
Dalapon
Di (2-ethylhexyl) adipate
Di (2-ethylhexyl) phthalate
1,2-Dibromo-3-chloropropane (DBCP)
Alpha endosulfan
Beta endosulfan
Dinoseb
Diquat
Endothall
Endosulfan sulfate
Oxamyl
Endrin
Endrin aldehyde
Ethylene dibromide
Glyphosate
Heptachlor
Heptachlor expoxide
Heptachlor benzene
Heptachlorcyclopentadiene
Lindane
Methoxychlor
Molinate
Alpha BHC
Beta BHC
Gamma BHC
Delta BHC
Toxaphene
Polychlorinated biphenyls (PCB) 1016
PCB 1221
PCB 1232
PCB 1242
PCB 1248
PCB 1254
PCB 1260
Tetrachlorodibenzo-p-dioxin (TCDD)
Picloram
Simazine

** Analysis are not required for these
constituents unless requested.