

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

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(213) 620-4460



April 11, 1989

Mr. Kenneth D. Smith
Paradise Ranch Mobile Home Park
36200 North Paradise Ranch Road
Castaic, CA 91310

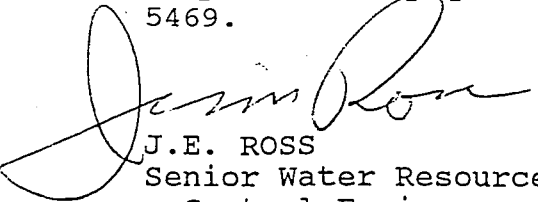
WASTE DISCHARGE REQUIREMENTS--Paradise Ranch Mobile Home Park
PLANT (File No. 69-58; CI 5671)

Reference is made to our letter dated February 24, 1989, which transmitted a draft of tentative requirements for the subject facility.

Pursuant to Division 7 of the California Water Code, this California Regional Water Quality Control Board, at a public meeting held on March 27, 1989, reviewed these tentative requirements, considered all factors in the case, and adopted Order No. 89-029 (copy attached) relative to this waste discharge.

You are required to implement the monitoring program as stated in the Monitoring and Reporting Program within 60 days of the effective date of this Order. Any monitoring report due under our previous Monitoring and Reporting Program is still required and must be submitted by the due date. Please note changes that have been made in the Reclaimed Water Monitoring Program of the adopted Waste Discharge Requirements. All technical and monitoring reports should be referenced to our Compliance File No. 5671. We would appreciate it if you would not combine other reports, such as progress or technical reports, with your monitoring reports but would submit each type of report as a separate document.

If you have any questions, please call Mr. T. R. Bell at (213) 620-5469.



J.E. ROSS
Senior Water Resource
Control Engineer

Enclosure

cc: See attached mailing list

Mr. Kenneth D. Smith
Mailing list

State Water Resources Control Board, Division of Water Quality
Attn: Archie Matthews
California Department of Health Services, Sanitary Engineering
Section
Department of Water Resources
Department of Health Services, Public Water Supply Branch
Department of Health Services, Environmental and Management Branch
South Coast Air Quality Management District
Los Angeles County, Department of Health Services, Rural Section
Los Angeles County, Department of Public Works
United Water Conservation District
Very Important Properties

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

ORDER NO 89-029

WASTE DISCHARGE REQUIREMENTS
AND WATER RECLAMATION REQUIREMENTS

FOR

KENNETH D. SMITH
(PARADISE RANCH MOBILE HOME PARK)
(File No. 69-58)

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

1. Kenneth D. Smith, owner of Paradise Ranch Mobile Home Park, (hereinafter called the Reclaimer) operates a wastewater treatment plant on-site and discharges final effluent to a spray disposal area, under requirements contained in Resolution No. 70-59, adopted by this Board on September 23, 1970.
2. Paradise Ranch, a mobile home and recreational vehicle park, is located at 36200 North Paradise Ranch Road, Castaic, California.
3. A review of the current requirements has been conducted by Board staff in accordance with the Code of California Regulations, Title 23, Chapter 3, Subchapter 9, Article 2, Section 2232.2.
4. The treatment plant has a design capacity of 40,000 gallons per day and serves a population of approximately 150 people. The treatment plant is a package plant which includes sedimentation and aeration together with secondary clarifier and a chlorine contact tank. Treated effluent is discharged to an oxidation holding pond with 10 day capacity and/or pumped to spray disposal areas for final disposal. The attached map (page 8) delineates the areas of approved for spray disposal under this Order. Sludge is disposed off-site at a legal point of disposal as necessary.
5. The treatment plant and disposal site are located in Sections 28 and 32, T6N, R17W, S.B.B. & M., within the Upper Piru Hydrologic Subunit of Santa Clara River Basin.

December 9, 1988

-1- Revised February 24, 1989

6. The Board adopted a revised Water Quality Control Plan for Santa Clara River Basin on March 27, 1978. The Plan contains water quality objectives for ground water in the Upper Piru Hydrologic Subunit. The quality of the potable well water supply in the Park exceeds the water quality objectives contained in the Basin Plan. The composite well water supply on February 23, 1988 had 1850 mg/l of total dissolved solids. Wastewater discharge limits have been adjusted to reflect this condition. The spray disposal of final effluent, complying with the requirements of this Order, is not expected to have any measurable effects on the ground water.
7. The beneficial uses of the ground water in upper Piru Hydrologic Subunit are agricultural supply and industrial service and process supply.
8. Due to the high total dissolved solids concentration of the potable water wells in the park, the California Department of Health Services have advised residents to use bottled water for drinking purposes.
9. Section 13523 of the California Water Code provides that a regional board, after consulting with and receiving the recommendations of the State Department of Health Services and after any necessary hearing, shall, if it determines such action to be necessary to protect the public health, safety, or welfare, prescribe water reclamation requirements for water which is used or proposed to be used as reclaimed water. Section 13523 further provides that such requirements shall include, or be in conformance with, the statewide reclamation criteria.
10. The use of reclaimed water from Paradise Ranch Mobile Home Park for spray irrigation could affect the public health, safety, or welfare and requirements for such uses are therefore necessary in accordance with Section 13523 of the Water Code.
11. This project involves an existing facility, and as such is exempt from the provisions of the California Environmental Quality Act in accordance with Title 14, California Administrative Code, Chapter 3, Section 15301.

The Board has notified the Reclaimer and interested agencies and persons of its intent to revise requirements for this discharge and has provided them with an opportunity to submit their written views and recommendations.

The Board in a public meeting heard and considered all comments pertaining to the discharge and to the updated requirements.

IT IS HEREBY ORDERED, that Kenneth D. Smith, Paradise Ranch Mobile Home Park, shall comply with the following:

A. Effluent Limitations

1. Waste discharged shall be limited to treated domestic wastewater only, as proposed.
2. Waste discharged shall not contain constituents in excess of the following limits:

<u>Constituent</u>	<u>Unit</u>	<u>Maximum Limit</u>
Total dissolved solids	mg/l	2,150
Chloride	mg/l	250
Sulfate	mg/l	850
Boron	mg/l	2
Fluoride	mg/l	1.8

3. The pH of reclaimed water shall at all times be within the range of 6.0 to 9.0.
4. Radioactivity shall not exceed the limits specified in Title 22, Chapter 15, Article 5, Sections 64441 and 64443, California Administrative Code.

B. Specifications for Use of Reclaimed Water

1. Reclaimed water used for the irrigation of landscape and spray field shall be at all times an adequately disinfected, oxidized wastewater. The wastewater shall be considered adequately disinfected if the median number of coliform organisms in the effluent does not exceed 23 per 100 milliliters, as determined from the bacteriological results of the last 7 days for which analyses have been completed, and the number of coliform organisms does not exceed 240 per 100 milliliters in any two consecutive samples.

2. Reclaimed water shall not be directly used for uses other than those enumerated above until requirements for these uses have been established by this Board in accordance with Section 13523 of the California Water Code, unless the Board waives such requirements or finds that the above cited standards are applicable to these uses.
3. Reclaimed water shall be discharged only on property owned or controlled by the Reclaimer.
4. Reclaimed water shall be retained on the areas of use and shall not be allowed to escape as surface flow except as provided for in a National Pollutant Discharge Elimination System Permit.
5. Reclaimed water disposal shall be limited to those areas delineated on map, page 8, and that have spray irrigation piping and spray heads in place and operational. Except as noted below, no hauling of wastewaters for disposal purposes will be permitted unless prior written approval is obtained from the Executive Officer. An exception will be made for the hauling and spray application of reclaimed water on the horse training track racing surface for dust control and surface preparation. No runoff of such applied wastewater from the surface of the race track shall be allowed. The disposal of treated effluent wastewaters onto the embankment areas across Oak Leaf Drive will be permitted only if it can be demonstrated that aerosols will not be formed or reach public use areas or residents, and that runoff will not create surface pools or standing water.
6. The use of reclaimed water for fire fighting in nonresidential, nondesignated spray areas is allowed.
7. At all locations within the park when reclaimed water is used, signs shall be posted with the following warning: "DANGER, NON-POTABLE WATER, DO NOT DRINK".

C. General Provisions

1. Standby or emergency power facilities and/or storage capacity or other means shall be provided so that in the event of plant upsets or outages due to power

- failure or other cause, discharge of raw or inadequately treated sewage does not occur.
2. Neither treatment of waste nor any reclaimed water use or disposal shall cause pollution or nuisance.
 3. Water reclamation and reuse or disposal shall not result in problems due to breeding of mosquitoes, gnats, midges, or other pests.
 4. Reclaimed water use or disposal shall not impart tastes, odors, color, foaming, or other objectionable characteristics to receiving ground waters.
 5. Reclaimed water use or disposal which could affect receiving ground waters shall not contain any substance in concentrations toxic to human, animal, or plant life.
 6. Odors of sewage origin shall not cause a nuisance.
 7. Adequate facilities shall be provided to protect the sewage treatment and reclamation facilities from damage by storm flows and runoff.
 8. Adequate freeboard shall be maintained in the oxidation holding pond to ensure that direct rainfall will not cause overtopping. The inside of the oxidation holding pond shall be maintained free of grasses, reeds, and other growths so as to maximize the holding capacity of the pond.
 9. A proposal for determining the impact of the holding pond on the groundwater shall be submitted within 90 days of the date of this Order. In lieu of this proposal, the discharger may submit a proposal for lining the pond.
 10. There shall be no piping or valve connections which will permit a direct discharge of wastewaters from the treatment plant to any water course. Discharge of effluent from the treatment plant shall only be to the holding pond and spray disposal areas shown on the attached map.
 11. Regeneration brine from water softeners shall not be discharged to the treatment plant.

12. Any offsite disposal of sewage sludge shall be only to a legal point of disposal, and in accordance with provisions of Division 7.5 of the 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.
13. Any disposal of waste materials, household trash, rubbish, metals, etc., on the Paradise Ranch property shall immediately be removed to a legal point of disposal.

D. Provisions

1. A copy of these requirements shall be maintained where it will be available at all times to operating personnel.
2. In the event of any change of ownership of land or waste discharge facilities presently owned or controlled by the Reclaimer, the Reclaimer shall notify this Board of such change and shall notify the succeeding owner or operator of the existence of this Order by letter, a copy of which shall be forwarded to this Board.
3. In accordance with Sections 13260(c) and 13522.5 of the Water Code, the Reclaimer shall file a report of any material change or proposed change in the character, location or volume of the discharge.
4. In accordance with Section 13267 of the Water Code, the Reclaimer 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.
5. The Reclaimer shall notify this Board within 24 hours by telephone of any adverse condition resulting from this discharge, such notification to be affirmed in writing within one week.
6. The Reclaimer 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 waste treatment and/or reclamation facilities. The report shall detail provisions to provide for flows in excess of that figure.

7. These requirements do not exempt the Reclaimer from compliance with any other laws, regulations, or ordinances which may be applicable, they do not legalize these waste disposal facilities, and they leave unaffected any further restraints on these facilities which may be contained in other statutes or required by other agencies.
8. Resolution No. 70-59 adopted by this Board on September 23, 1970, 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 March 27, 1989.


ROBERT P. GHIRELLI, D.Env.
Executive Officer

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

MONITORING AND REPORTING PROGRAM NO. 5671
FOR

KENNETH D. SMITH
(PARADISE RANCH MOBILE HOME PARK)
(File No. 69-58)

The Reclaimer shall implement this monitoring program within 60 days of the effective date of this Order.

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

<u>Reporting period</u>	<u>Report Due</u>
January - March	April 15
April - June	July 15
July - September	October 15
October - December	January 15

The first monitoring report under this program shall be submitted by July 15, 1989.

By January 30 of each year, the Reclaimer 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 Reclaimer shall discuss the compliance record and the corrective actions taken or planned which may be needed to bring the discharge into full compliance with the Requirements.

Effluent Monitoring

A sampling station shall be established where representative samples of reclaimed water can be obtained. Reclaimed water samples may be obtained at a single station provided that station is representative of the quality at all discharge points. Each sampling station shall be identified. The following shall constitute the reclaimed water monitoring program:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis</u>
Total flow	gallon	continuous	-----
Coliform group ¹	MPN/100ml	grab	weekly
pH	pH units	grab	quarterly
Total dissolved solids	mg/l	grab	quarterly
Chloride	mg/l	grab	quarterly
Boron	mg/l	grab	quarterly
Sulfate	mg/l	grab	quarterly
Nitrate	mg/l	grab	quarterly
Fluoride	mg/l	grab	quarterly

Paradise Ranch Supply Water monitoring

At the time that the treatment plant effluent wastewater is sampled, a representative sample of the domestic water supply shall be obtained and analyzed for:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Frequency of Analysis</u>
pH	pH units	grab	quarterly
Total dissolved solids	mg/l	grab	quarterly
Chloride	mg/l	grab	quarterly
Boron	mg/l	grab	quarterly
Sulfate	mg/l	grab	quarterly
Fluoride	mg/l	grab	quarterly
Nitrate	mg/l	grab	quarterly

¹Samples shall be obtained at some point in the treatment process at a time when wastewater flow and characteristics are most demanding on the treatment facility and disinfection procedures. The location(s) of the sampling point(s) and any changes thereto must be approved by the Executive Officer, and proposed changes shall not be made until such approval has been granted. If reclaimed water is used for irrigation of golf courses, cemeteries, freeway landscapes, parks, playgrounds, schoolyards, or other areas where the public has similar access or exposure, samples shall be obtained subsequent to the chlorination procedure. Coliform values obtained must meet the strictest requirement specified for all uses during periods of multiple use, unless separate coliform analyses are obtained at each particular point of use.

General Provisions for Sampling and Analysis

All sampling, sample preservation, and analyses shall be performed in accordance with the latest edition of "Guidelines Establishing Test Procedures for Analysis of Pollutants", promulgated by the United States Environmental Protection Agency.

All chemical, bacteriological, and bioassay analyses shall be conducted at a laboratory certified for such analyses by the State Water Resources Control Board or approved by the Executive Officer.

Wastes Hauling Reporting

In the event wastes are hauled to a different disposal site, or when solid waste materials are hauled from the property, the name and address of the hauler of the wastes shall be reported, along with types and quantities hauled during the reporting period 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.

General Provisions for Reporting

For every item where the requirements are not met, the Reclaimer 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 Reclaimer 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 Reclaimer 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 reclaimed water was used only as specified in the requirements during the quarter.

Kenneth D. Smith

File No. 69-58

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

Monitoring reports shall be signed by:

- a. In the case of corporations, by a principal executive officer at least of the level of vice-president or his duly authorized representative, if such representative is responsible for the overall operation of the facility from which discharge originates;
- 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 or other public facility, by either a principal executive officer, ranking elected official, or other duly authorized employee.

Each report shall contain the following completed declaration:

"I declare under penalty of perjury that the foregoing is true and correct.

Executed on the _____ day of _____ at _____.

(Signature)

(Title)"

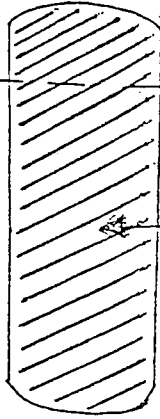
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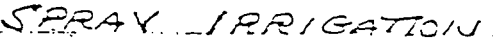
Robert P. Ghirelli
Executive Officer

January 23, 1989
Date

Paradise Ranch
Kenneth D. Smith
Map # 15610 5-88

Horse Running Track



 AREAS OF EFFLUENT
 SPRAY IRRIGATION



Mobile Home Park

Parcel No. 3-C

Freshwater Pond Drainage Course

Knobby Ln.

Well 3A Well 3

ELECTRICAL TRANSMISSION TOWER

Preexisting Building or Swimming Pool

Office Building

Freshwater Treatment Pond

Well 8 Well 7

Well 5 Well 6

HOLDING POND

Live oak dr.

oak drive

oak drive

oak drive

oak drive

oak drive

oak drive

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