

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION**

ORDER NO. 95-005

**WASTE DISCHARGE REQUIREMENTS
FOR
GLENN STEINHAUS AND BETSY MARAZONI, OWNERS/OPERATORS
BIG BEND RESORT
SEPTIC TANK/OXIDATION BASIN/LEACH FIELD DISPOSAL FACILITIES
Southwest of Parker Dam - San Bernardino County**

The California Regional Water Quality Control Board, Colorado River Basin Region, finds that:

1. Glenn Steinhaus and Betsy Marazoni, owners/operators of Big Bend Resort partnership (hereinafter referred to as the dischargers), P.O. Box 24, Parker Dam, CA 92267, submitted an updated Report of Waste Discharge, dated August 27, 1994.
2. The dischargers are discharging a maximum of 22,000 gallons-per-day of domestic sewage from 80 mobile home spaces, 12 motel units and two restrooms into seven septic tanks that flow into three oxidation basins for disposal by infiltration and evaporation. The dischargers are also discharging a maximum of 12,000 gallons-per-day of domestic sewage from 80 recreational vehicle spaces and two restrooms into nine septic tank/leach field disposal systems. This mobile home and RV park is located in the SW 1/4, NE 1/4 of Section 17, T2N, R27E, SBB&M with a street address of 501 Parker Dam Road.
3. The dischargers are reserving areas of sufficient size for possible future 100 percent replacement of the leach fields. The total capacity of the oxidation basins and leach fields is about 50,000 gallons-per-day.
4. This discharge has been subject to waste discharge requirements adopted in Board Order No. 90-006.
5. This Board Order updates the waste discharge requirements to comply with current laws and regulations as set forth in the California Water Code and the California Code of Regulations.
6. The water supply for the park is pumped from a well located about 1,000 feet east of the oxidation basins and more than 200 feet west of the leach field. Depth-to-ground water at the site is about 18 feet, and the total dissolved solids (TDS) content is approximately 730 mg/L.
7. There are no significant faults in the discharge area. The disposal basins are situated about one-quarter mile northwest of the Colorado River on a sandy floodplain where the soil is very permeable. Annual precipitation in the local area averages less than five inches.
8. The Water Quality Control Plan for the Colorado River Basin Region of California (Basin Plan) was adopted on November 17, 1993, and designates the beneficial uses of ground and surface waters in this Region.
9. The beneficial uses of ground waters in the Colorado Hydrologic Unit are:
 - a. Municipal supply (MUN)

- b. Industrial supply (IND)
- c. Agricultural supply (AGR)

10. The Board has notified the discharger and all known interested agencies and persons of its intent to update waste discharge requirements for said discharge and has provided them with an opportunity for a public meeting and an opportunity to submit comments.
11. The Board in a public meeting heard and considered all comments pertaining to this discharge.
12. In accordance with Section 15301, Chapter 3, Title 14 of the California Code of Regulations, the issuance of these waste discharge requirements, which govern the operation of an existing facility involving negligible or no expansion of use beyond that previously existing, is exempt from the provisions of the California Environmental Quality Act (Public Resources Code, Section 21000 et. seq.).

IT IS HEREBY ORDERED, that Board Order No. 90-006 is rescinded, and in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, the discharger shall comply with the following:

A. Prohibitions

1. The direct discharge of any wastewater to any surface waters or surface drainage courses is prohibited.
2. Bypass or overflow of untreated or partially treated waste is prohibited.
3. The discharge of waste to land not owned or controlled by the discharger is prohibited.
4. Discharge of treated wastewater at a location or in a manner different from that described in Finding No. 2, above, is prohibited.
5. Discharge of waste from water softeners into the wastewater disposal system is prohibited.

B. Specifications

1. The treatment or disposal of wastes at this facility shall not cause pollution or nuisance as defined in Sections 13050(l) and 13050(m) of Division 7 of the California Water Code.
2. A minimum freeboard of two (2) feet shall be maintained at all times in oxidation basins.
3. Ponds shall be managed to prevent breeding of mosquitoes. In particular, the following measures shall be implemented:
 - a. An erosion control program should assure that small coves and irregularities are not created around the perimeter of the water surface.
 - b. Weeds shall be minimized through control of water depth, harvesting, or herbicides.
 - c. Dead algae, vegetation, and debris shall not accumulate on the water surface.
4. Public contact with undisinfected wastewater shall be precluded through such means as fences, signs, and other acceptable alternatives.

5. The discharge shall not cause degradation of any water supply.
6. No wastewater other than domestic wastewater shall be discharged into the sewage disposal systems described in Finding No. 2, above.
7. Odors of sewage origin shall not be perceivable beyond the limits of the individual facility.
8. Disposal by ponding shall be conducted in such a manner that there shall be no stranded or exposed sewage solids.
9. A surface aerobic environment shall be maintained in each basin.
10. Infiltration facilities (basins) shall be maintained and operated so as to maximize infiltration and minimize the increase in salinity of the infiltrating wastewater by evaporation.
11. The wastewater in the oxidation basins shall not contain a TDS concentration that exceeds 1,130 mg/L.
12. The discharge volume from this facility shall not exceed 50,000 gallons-per-day.
13. The septic systems shall be maintained to remain effective in treating wastewater.
14. The subsurface wastewater disposal system(s) shall be maintained so that at no time will sewage be permitted to surface or overflow at any location.

C. Provisions

1. The discharger shall comply with "Monitoring and Reporting Program No. 95-005", and future revisions thereto, as specified by the Regional Board's Executive Officer.
2. Prior to any modifications in this facility which would result in material change in the quality or quantity of wastewater treated or discharged, or any material change in the location of discharge, the discharger shall report all pertinent information in writing to the Regional Board and obtain revised requirements before any modifications are implemented.
3. Prior to any change in ownership or management of this operation, the discharger shall transmit a copy of this Board Order to the succeeding owner/operator, and forward a copy of the transmittal letter to the Regional Board.
4. The discharger shall ensure that all site operating personnel are familiar with the content of this Board Order, and shall maintain a copy of this Board Order at the site.
5. This Board Order does not authorize violation of any federal, state, or local laws or regulations.
6. Facilities shall be available to keep the plant in operation in the event of commercial power failure.
7. No part of the subsurface disposal systems shall be closer than 150 feet to any water well or closer than 100 feet to any stream, channel or water course.
8. Sufficient land area shall be reserved for possible future 100 percent replacement of the leach fields, until such time as this facility is connected to a municipal sewerage system.

9. The discharger shall allow the Regional Board, or an authorized representative, upon presentation of credentials and other documents as may be required by law, to:
 - a. Enter upon the premises regulated by this Board Order, or the place where records must be kept under the conditions of this Board Order;
 - b. Have access to and copy, at reasonable times, any records that shall be kept under the conditions of this Board Order;
 - c. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Board Order; and
 - d. Sample or monitor at reasonable times, for the purpose of assuring compliance with this Board Order or as otherwise authorized by the California Water Code, any substances or parameters at this location.
10. The discharger shall comply with all of the conditions of this Board Order. Any noncompliance with this Board Order constitutes a violation of the Porter-Cologne Water Quality Control Act and is grounds for enforcement action.
11. This Board Order does not convey any property rights of any sort or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.
12. Unless otherwise approved by the Regional Board's Executive Officer, all analyses shall be conducted at a laboratory certified for such analyses by the State Department of Health Services. All analyses shall be conducted in accordance with the latest edition of "Guidelines Establishing Test Procedures for Analysis of Pollutants", promulgated by the United States Environmental Protection Agency.
13. All regulated disposal systems shall be readily accessible for sampling and inspection.
14. Adequate measures shall be taken to assure that flood or surface drainage waters do not erode or otherwise render portions of the discharge facilities inoperable.
15. Adequate measures shall be taken to assure that unauthorized persons are effectively excluded from contact with the wastewater disposal facilities.
16. The discharger shall provide an inventory of any hazardous materials which may be handled at the facility by January 15, 1996.
17. The discharger is the responsible party for the waste discharge requirements and the monitoring and reporting program for the facility. The discharger shall comply with all conditions of these waste discharge requirements. 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.
18. 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 Board Order.

19. The discharger shall retain records of all monitoring information including all calibration and maintenance records, copies of all reports required by this Board Order, and records of all data used to complete the application for this Board Order. Records shall be maintained for a minimum of three years from the date of the sample, measurement, or report. This period may be extended during the course of any unresolved litigation regarding this discharge or when requested by the Regional Board's Executive Officer.
20. All maintenance performed shall be reported with the monitoring reports as required.
21. The discharger shall furnish, under penalty of perjury, technical monitoring program reports, and such reports shall be submitted in accordance with the specifications prepared by the Regional Board's Executive Officer. Such specifications are subject to periodic revisions as may be warranted.
22. The discharger shall obtain prior written approval from the Regional Board's Executive Officer specifying location and method of disposal, before disposing of treated or untreated sludge, or similar solid waste materials. In addition, the discharger shall provide the results of any sludge analyses as specified by the Regional Board's Executive Officer.
23. The Regional Board and the Director of County Environmental Health shall be notified immediately of any failure of the wastewater containment facilities. Such failure shall be promptly corrected in accordance with the requirements of this Board Order.
24. The discharger shall remove and relocate any wastes which are discharged at this site in violation of these requirements.
25. The Regional Board will review this Board Order periodically and may revise requirements when necessary.
26. All employees of this facility shall receive training on how to minimize pollutant discharges to the septic system. This instruction should include the following topics:
 - a. Proper disposal of materials handled at the facility.
 - b. Methods to wash tools and other objects so that no contaminants are introduced into the septic system.
 - c. Methods to wash hands so that no contaminants are introduced into the septic system.
27. Any off-site disposal of septage shall be only to a legal point of disposal, with the approval of the legal disposal site operator. For purposes of these requirements, a legal disposal site is one for which requirements have been established by the California Regional Water Quality Control Board and which is in full compliance therewith. Any septage handling shall be in such a manner as to prevent its reaching surface waters or watercourses.
28. No part of the leach fields shall extend to a depth where wastes may deleteriously affect an aquifer that is useable for domestic, agricultural or industrial purposes. In no case may the leach lines extend to within 10 feet of the zone of historic or anticipated high ground water level unless otherwise approved by the Regional Board's Executive Office. Furthermore, the leach fields shall not lie immediately above bedrock.

29. The discharger shall report any noncompliance which may endanger health or the environment. Any such information shall be provided verbally to the Regional Board's Executive Officer within 24 hours from the time the discharger becomes aware of the circumstances. A written submittal shall also be provided within five days of the time the discharger becomes aware of the circumstances. The written submittal 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 Regional Board's Executive Officer, or an unauthorized representative, may waive the written report on a case-by-case basis, if the oral report has been received within 24 hours.

30. 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.

I, Philip A. Gruenberg, Executive Officer, do hereby certify the foregoing is a full, true and correct copy of an Order adopted by the California Regional Water Quality Control Board, Colorado River Basin Region, on January 25, 1995.


Executive Officer

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION**

**MONITORING AND REPORTING PROGRAM NO. 95-005
FOR
GLENN STEINHAUS AND BETSY MARAZONI, OWNERS/OPERATORS
BIG BEND RESORT
SEPTIC TANK/OXIDATION BASIN/LEACH FIELD DISPOSAL FACILITIES
Southwest of Parker Dam - San Bernardino County**

Location of Discharge: Portion of the SW 1/4, NE 1/4 of Section 17, T2N, R27E, SBB&M

1. The collection, preservation and holding times of all samples shall be in accordance with U. S. Environmental Protection Agency approved procedures. All analyses shall be conducted by a laboratory certified by the State Department of Health Services to perform the required analyses.
2. Compliance with the discharge limitations shall be determined at the end of the discharge pipe.
3. If the facility is not in operation, or there is no discharge during a required reporting period, the discharger shall forward a letter to the Regional Board indicating that there has been no activity during the required reporting period.
4. The discharger shall submit the following information in an annual status report:
 - a. Estimate of maximum daily flow (gpd) of sewage discharged to system.
 - b. Number of mobile home and RV spaces and restrooms connected to the sewerage system.
 - c. List any proposed changes in the sewage disposal facilities during the coming year.
 - d. Explain any problems in the sewage treatment and disposal system during the preceding year.
 - e. Report the Total Dissolved Solids concentrations of the water supply wells nearest to the facility.
5. The oxidation basins shall be sampled quarterly during March, June, September and December, and annually during November each year. The samples shall be analyzed for the following:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Total Dissolved Solids	mg/L ¹	Grab	Quarterly
Volatile Organics	µg/L ²	Grab	Quarterly

¹mg/L - milligrams per Liter

²µg/L - micrograms per Liter

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Nitrate as NO ₃ -N	mg/L	Grab	Quarterly
Total Nitrogen	mg/L	Grab	Quarterly
Hydrogen Ion	pH	Grab	Quarterly

REPORTING

1. The discharger shall arrange the data in tabular form so that the specified information is readily discernible. The data shall be summarized in such a manner as to clearly illustrate whether the facility is operating in compliance with waste discharge requirements.
2. Records of monitoring information shall include:
 - a. The date, exact place, and time of sampling or measurement(s);
 - b. The individual(s) who performed the sampling or measurement(s);
 - 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.
3. Each report shall contain the following statement:

"I declare under the penalty of law that I have personally examined and am familiar with the information submitted in this document, 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 for knowing violations."
4. A duly authorized representative of the discharger may sign the documents if:
 - a. The authorization is made in writing by the person described above;
 - b. The authorization specified an individual or person having responsibility for the overall operation of the regulated disposal system; and
 - c. The written authorization is submitted to the Regional Board's Executive Officer.
5. Report immediately any failure in the waste disposal system to the Regional Board and Director of County Environmental Health by telephone with follow-up by letter.
6. Monitoring reports shall be certified under penalty of perjury to be true and correct, and shall contain the required information at the frequency designated in this monitoring report.
7. Quarterly monitoring reports shall be submitted to the Regional Board by January 15, April 15, July 15 and October 15 of each year. Annual monitoring reports shall be submitted to the Regional Board by January 15 of each year.

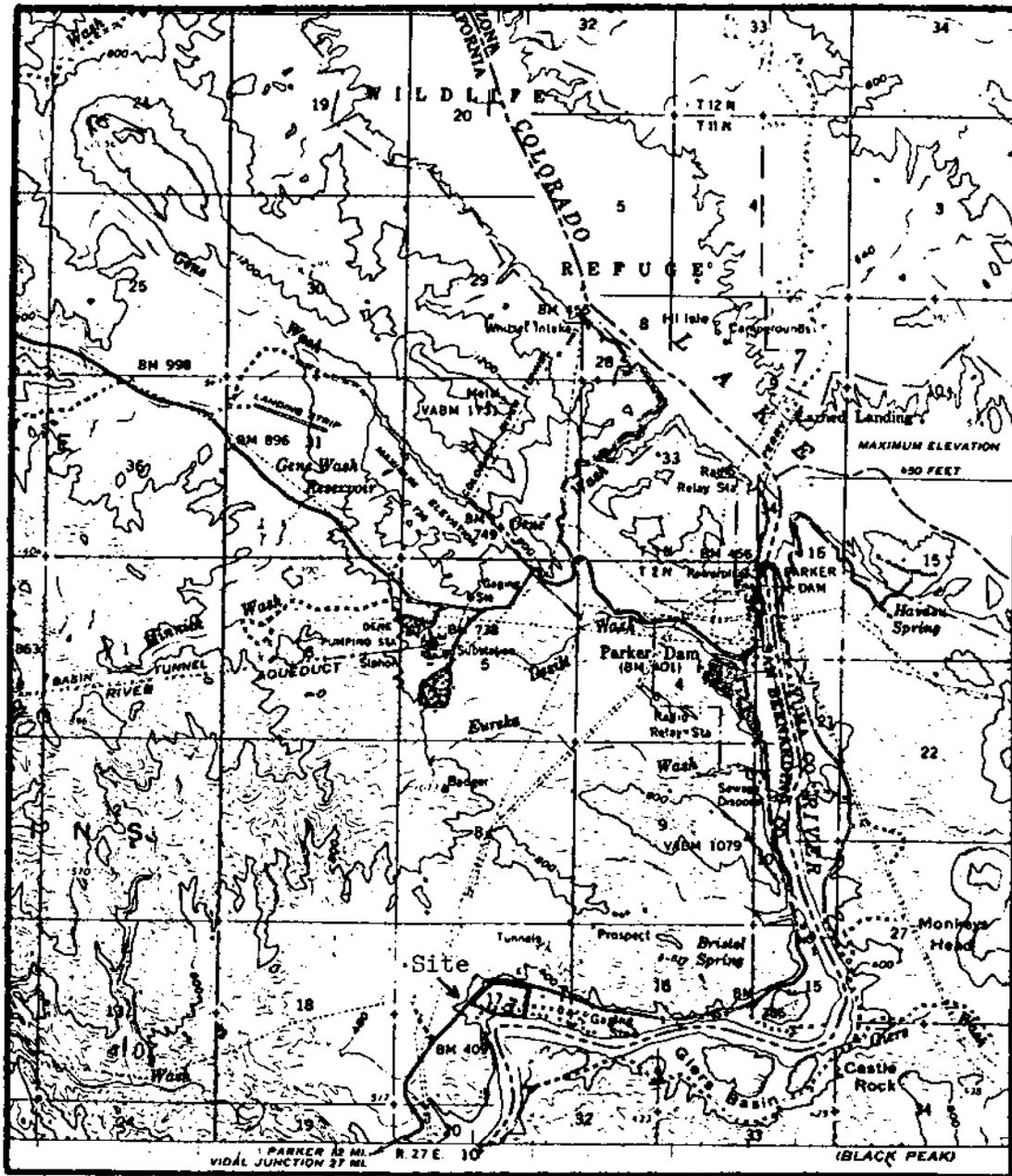
8. Submit monitoring reports to:

California Regional Water Quality Control Board
Colorado River Basin Region
73-720 Fred Waring, Suite 100
Palm Desert, CA 92260

Ordered By: Philip A. Gundersen
Executive Officer

January 25, 1995
Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD -7



SITE MAP

GLENN STEINHAUS AND BETSY MARAZONI, OWNERS/OPERATORS
BIG BEND RESORT
SEPTIC TANK/OXIDATION BASIN/LEACH FIELD DISPOSAL FACILITIES
Southwest of Parker Dam - San Bernardino County
SW 1/4, NE 1/4 of Section 17, T2N, R27E, SBB&M
USGS Parker Dam, Ariz. - Calif. 7.5 min. Topographic Map

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION**

MONITORING AND REPORTING PROGRAM NO. 95-005 (Revision No. 1)
FOR
MEL GREEN OF BIG BEND RESORT CORP, OWNER/OPERATOR
BIG BEND RESORT
SEPTIC TANK/OXIDATION BASIN/LEACH FIELD DISPOSAL FACILITIES
Southwest of Parker Dam - San Bernardino County

Location of Discharge: Portion of the SW 1/4, NE 1/4 of Section 17, T2N, R27E, SBB&M

MONITORING

1. The collection, preservation and holding times of all samples shall be in accordance with U. S. Environmental Protection Agency approved procedures. All analyses shall be conducted by a laboratory certified by the State Department of Health Services to perform the required analyses.
2. If the facility is not in operation, or there is no discharge during a required reporting period, the discharger shall forward a letter to the Regional Board indicating that there has been no activity during the required reporting period.
3. The discharger shall submit the following information in an annual status report:
 - a. Estimate of maximum daily flow (gpd) of sewage discharged to system.
 - b. Number of mobile home and RV spaces and restrooms connected to the sewerage system.
 - c. List any proposed changes in the sewage disposal facilities during the coming year.
 - d. Explain any problems in the sewage treatment and disposal system during the preceding year.
 - e. Report the total dissolved solids concentration of the water supply well nearest to the facility.
4. One of the oxidation basins shall be sampled quarterly during March, June, September and December, and annually during November each year. The samples shall be analyzed for the following:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Total Dissolved Solids	mg/L ¹	Grab	Quarterly

¹mg/L - milligrams per Liter

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Volatile Organics	$\mu\text{g}/\text{L}^2$	Grab	Annually
Nitrate as $\text{NO}_3\text{-N}$	mg/L	Grab	Annually
Total Nitrogen	mg/L	Grab	Annually
Hydrogen Ion	pH	Grab	Annually

REPORTING

1. The discharger shall arrange the data in tabular form so that the specified information is readily discernible. The data shall be summarized in such a manner as to clearly illustrate whether the facility is operating in compliance with waste discharge requirements.
2. Records of monitoring information shall include:
 - a. The date, exact place, and time of sampling or measurement(s);
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 - e. The analytical techniques or method used; and
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4. A duly authorized representative of the discharger may sign the documents if:
 - a. The authorization is made in writing by the person described above;
 - b. The authorization specified an individual or person having responsibility for the overall operation of the regulated disposal system; and
 - c. The written authorization is submitted to the Regional Board's Executive Officer.
5. Report immediately any failure in the waste disposal system to the Regional Board's Executive Officer and Director of County Environmental Health by telephone with follow-up by letter.
6. Monitoring reports shall be certified under penalty of perjury to be true and correct, and shall contain the required information at the frequency designated in this monitoring report.

² $\mu\text{g}/\text{L}$ - micrograms per Liter

7. Quarterly monitoring reports shall be submitted to the Regional Board by January 15, April 15, July 15 and October 15 of each year. Annual monitoring reports shall be submitted to the Regional Board by January 15 of each year.
8. Submit monitoring reports to:

California Regional Water Quality Control Board
Colorado River Basin Region
73-720 Fred Waring, Suite 100
Palm Desert, CA 92260

Ordered By: Philip A. G. Rosenberg
Executive Officer
4-18-96
Date