

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

ORDER NO. 97-112

**WASTE DISCHARGE REQUIREMENTS
FOR
PILOT CORPORATION, OWNER/OPERATOR
PILOT TRAVEL CENTER NO. 307
SEPTIC TANK/SEEPAGE PIT AND EVAPORATION POND
DISPOSAL FACILITY
North of Palm Springs - Riverside County**

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

1. Pilot Corporation, 5508 Lonas Drives, Knoxville, Tennessee 37909 (hereinafter referred to as the discharger), submitted an updated Report of Waste Discharge, dated May 21, 1997 for their Pilot Travel Center No. 307 located at 19997 Indian Avenue, North Palm Springs, CA 92258 (NE 1/4, NE 1/4 of Section 22, T3S, R4E, SBB&M.).
2. The travel center consists of two food service establishments, shower facilities, a merchandise shop, and fuel islands for cars and large and medium size trucks. Wastewater generated from activities at the travel center is disposed at two locations. The two locations are described as follows:
 - a. An average of 3,000 gallons-per-day (gpd) of wastewater generated from the food service stations, toilet, sinks, and showers is disposed to one 1,500 gallon grease trap and then to two 6,000 gallon septic tanks for final disposal into eight seepage pits. The entire system is designed for a flow rate of 12,000 gallons-per-day.
 - b. An average of 200 gallons-per-day (gpd) of wastewater generated from the parking area and fuel island washing is disposed to one 1,500-gallon oil/water separator and then into a lined evaporation pond for a final disposal. The evaporation pond is designed for a flow of 400 gpd.
3. Board Order No. 94-090 is being updated to include waste discharge requirements for discharge to the recently constructed evaporation pond system described in Finding No. 2(b), and to comply with current laws and regulations as set forth in the California Code of Regulations.
4. Along with the Report of Waste Discharge, the discharger submitted a document entitled Pilot Corporation Spill Prevention and Countermeasures Plan.
5. 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.
6. The beneficial uses of ground waters in the Coachella Hydrologic Subunit are:
 - a. Municipal supply (MUN)
 - b. Industrial supply (IND)
 - c. Agricultural supply (AGR)
7. The discharger is reserving areas of sufficient size for possible future 100 percent replacement of the subsurface disposal system described in Findings No. 2 (a), above.

8. 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.).
9. 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.
10. The Board, in a public meeting, heard and considered all comments pertaining to this discharge.

IT IS HEREBY ORDERED, that Board Order No. 94-090 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 course 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 the described in Finding No. 2, above, is prohibited.
5. The discharge or deposit of hazardous or designated wastes (as defined in Chapter 15, Title 23, California Code of Regulations) at this facility is prohibited.
6. The discharger shall not accept waste in excess of the design capacity of the treatment facilities.

B. Specifications

1. Domestic sewage shall not be combined with the discharged wastewater described in Finding No. 2 (b), above.
2. Odors of sewage origin shall not be perceivable beyond the limits of the individual facility.
3. Wastewater discharged to the subsurface shall be retained underground with no surfacing.
4. The treatment or disposal of wastes at this facility shall not cause pollution or nuisance as defined in Sections 13050(f) and 13050(m) of Division 7 of the California Water Code.
5. A minimum depth of freeboard of two (2) feet shall be maintained at all times in the lined evaporation pond.
6. The lined evaporation pond shall be protected from any washout or erosion of wastes or covering material, and from any inundation which could occur as a result of floods having a predicted frequency of once in 100 years.
7. Public contact with undisinfected wastewater shall be precluded through such means as fences, signs, and other acceptable alternatives.

8. The discharge of wastewater generated from activities described in Finding No. 2.b. of this Board Order shall be confined to the lined evaporation pond.
9. Residual solids removed from the evaporation pond shall only be disposed of in accordance with the approval of the Regional Board's Executive Officer.
10. Wastewater generated from activity described on Findings No. 2.a. which has a total dissolved solids (TDS) concentration value greater than 1,000 milligrams-per-Liter shall be discharged only to an appropriate waste management facility as approved by the Regional Board's Executive Officer.
11. There shall no on-site disposal of septic wastes other than that as described in Finding No. 2.A. above.
12. Any waste handling shall be in such a manner as to prevent its reaching surface waters or water courses.
13. No part of the subsurface disposal system shall be closer than 150 feet to any water well or closer than 100 feet to any stream, channel, or other water source.
14. The discharge shall not cause degradation of any beneficial use of surface or ground water.
15. The discharger shall report any noncompliance which may endanger health of 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 authorized representative, may waive the written report on a case-by-case basis, if the oral report has been received within 24 hours.
16. In the case that sample analyses indicate that the concentration of nitrate or hazardous substances including VOCs exceeds the MCLs established for drinking water, the dischargers are required to resample the wastewater within 30 days of the date of the initial sampling results. If the resampling results also exceeds the MCLs of nitrate or any hazardous substances including VOCs, the dischargers are required to perform a subsurface investigation pursuant to Section 13267 of the California Water Code to determine any impacts to the ground water and/or soils. If a subsurface investigation is necessary, the dischargers are required to submit a workplan to perform the investigation. The workplan must be prepared by a qualified professional engineer or geologist. The workplan shall be submitted to the Regional Board's Executive Officer for approval within 90 days of the date of the resampling results.

C. Provisions

1. The discharger shall comply with "Monitoring and Reporting Program No. 97-112", 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. All maintenance performed shall be reported with the monitoring reports as required.
7. 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.
8. 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 residual solids from the pond, or similar solid waste materials. In addition, the discharger shall provide the results of any residual solid analyses as specified by the Regional Board's Executive Officer.
9. 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.
10. 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.
11. The discharger shall comply with the following:
 - a. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
 - b. The discharger shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this Board Order, and records of all data used to complete the application for this Board Order, for a period of at least 5 years from the date of the sample, measurement, report or application. This period may be extended by request of the Regional Board's Executive Officer at any time.
 - c. Records of monitoring information shall include:
 1. The date, exact place, and time of sampling or measurements.
 2. The individual(s) who performed the sampling or measurements.
 3. The date(s) analyses were performed.
 4. The individual(s) who performed the analyses.
 5. The results of such analyses.

12. 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.
13. All regulated disposal systems shall be readily accessible for sampling and inspection.
14. Adequate measures shall be taken to assure that unauthorized persons are effectively excluded from contact with the wastewater disposal facilities
15. The Regional Board shall be notified immediately of any failure of the wastewater disposal facilities. Such failure shall be promptly corrected in accordance with the requirements of this Board Order.
16. 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.
17. The discharger shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) that are installed or used by the discharger to achieve compliance with this Board Order.
18. 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.

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 November 5, 1997.


Executive Officer

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

**MONITORING AND REPORTING PROGRAM NO. 97-112
FOR**

**PILOT CORPORATION, OWNER/OPERATOR
PILOT TRAVEL CENTER NO 307
SEPTIC TANK/SEEPAGE PIT AND EVAPORATION POND
DISPOSAL FACILITY
North of Palm Springs - Riverside County**

Location of Discharge: NE 1/4, NE 1/4 of Section 22, T3S, R4E, SBB&M

EFFLUENT MONITORING

A. SEPTIC TANKS /SEEPAGE PIT SYSTEM MONITORING

The discharger shall submit an annual status report on the following:

1. Estimate of the total maximum daily flow of sewage discharged to the sewerage systems (septic tank/seepage pit systems).
2. List any proposed changes in the sewage disposal facilities during the upcoming year.
3. Report any surfacing of wastewater or other failures in any of the systems during the past year.
4. The septic tank/seepage pit systems shall be sampled annually during November at a point where representative samples of effluent from all subsurface disposal systems can be obtained. Wastewater discharged into the systems shall be monitored for the following constituents:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Total Dissolved Solids	mg/L ¹	Grab	Annually
Volatile Organics (EPA Methods 601 and 602)	µg/L ²	Grab	Annually
Hydrogen Ion	pH units	Grab	Annually
Nitrate as NO ₃ -N	mg/L	Grab	Annually
Total Nitrogen	mg/L	Grab	Annually

¹ mg/L - milligrams-per-Liter

² µg/L - micrograms-per-Liter

B. EVAPORATION POND MONITORING

- The lined evaporation pond shall be sampled where representative samples can be obtained. Wastewater discharged into the pond shall be monitored for the following constituents:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Discharge Flow	GPD ³	—	Annually
Total Petroleum Hydrocarbon (EPA Method 418.1 Modified)	µg/L	Composite	Annually
Hydrogen Ion	pH Units	Grab	Annually
Ethylene Glycol	µg/L	Composite	Annually
Lead	mg/L	Composite	Annually
Total Chromium	mg/L	Composite	Annually

- 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.

Compliance with the discharge limitations shall be determined at the end of the discharge pipe.

- 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.

MAINTENANCE AND INSPECTION

Septic tanks shall be inspected and pumped as described below:

<u>Parameter</u>	<u>Unit</u>	<u>Type of Measurement</u>	<u>Minimum Inspection Frequency</u>
Sludge depth and scum thickness in each compartment of each septic tank	Feet	Staff Gauge	Annually
Distance between bottom of scum layer and bottom of outlet device	Inches	Staff Gauge	Annually

³ GPD - Gallons-per-Day

<u>Parameter</u>	<u>Unit</u>	<u>Type of Measurement</u>	<u>Minimum Inspection Frequency</u>
Distance between top sludge layer and bottom of outlet device	Inches	Staff Gauge	Annually

Septic tanks shall be pumped when any one of the following conditions exist, or may occur before the next inspection:

- a. The combined thickness of sludge and scum exceeds one-third of the tank depth of the first compartment; or
- b. The scum layer is within three inches of the outlet device; or
- c. The sludge layer is within eight inches of the outlet device.

In lieu of septic tank measuring, the septic tank may be pumped annually.

REPORTING

1. Annual monitoring reports shall be submitted to the Regional Board by January 15 of each year to:

California Regional Water Quality Control Board
 Colorado River Basin Region
 73-720 Fred Waring Drive, Suite 100
 Palm Desert, CA 92260
2. 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.
3. Report immediately any failure in the waste disposal system to the Regional Board's Executive Officer and the Director of the County Environmental Health Department by telephone with follow-up by letter.
4. 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.
5. 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.

6. Each report shall contain the following statement:

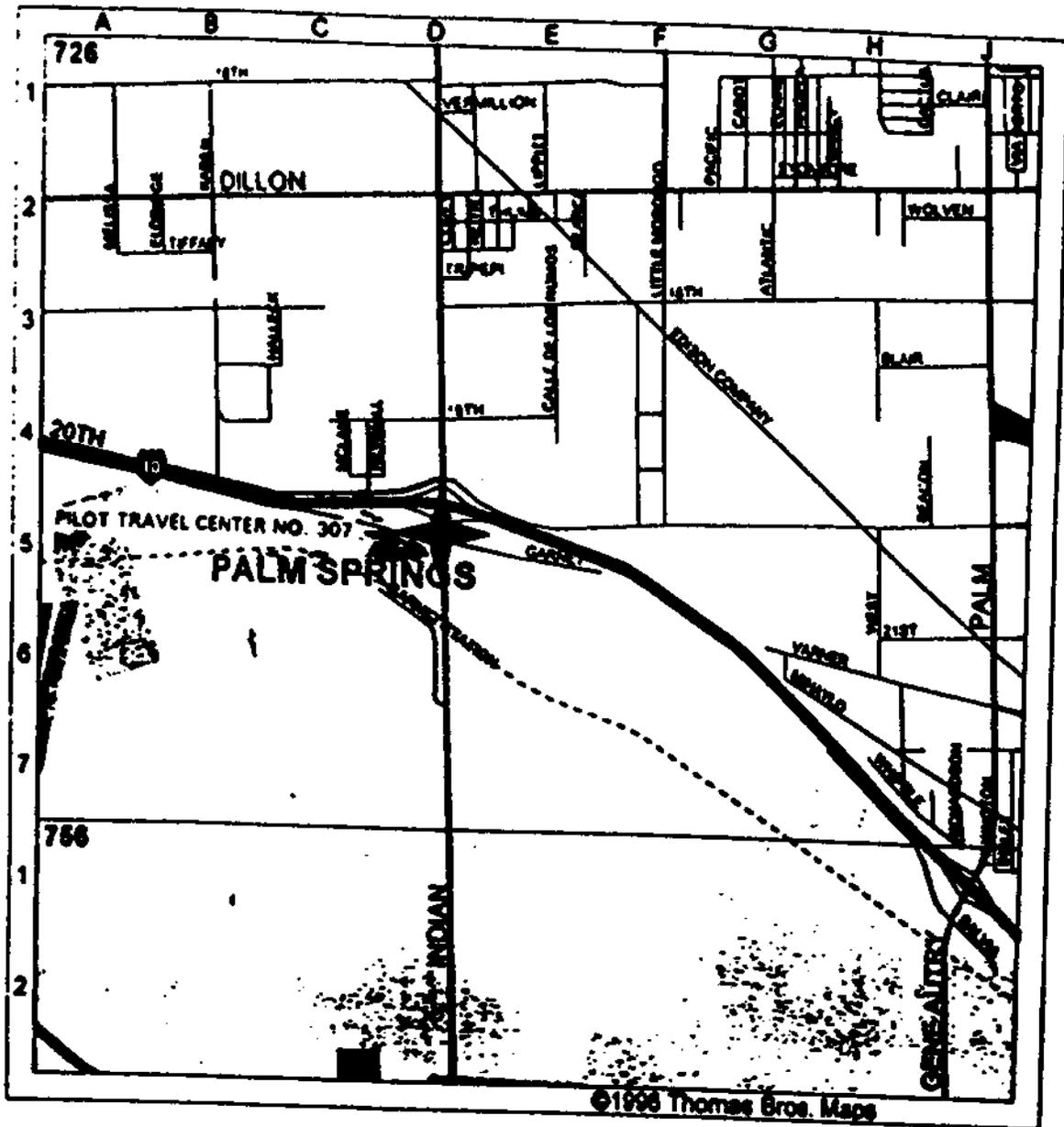
"I declare under the penalty of law that I have personally examined and am familiar with the information submitted in this document, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment for knowing violations."

Ordered by: Philip A. Rosenberg
Executive Officer

November 5, 1997

Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - 7



Scale:
 0 2,000 ft.

SITE MAP
PILOT CORPORATION, OWNER/OPERATOR
PILOT TRAVEL CENTER NO. 307
SEPTIC TANK/SEEPAGE PIT AND EVAPORATION POND
DISPOSAL FACILITY
 North of Palm Springs - Riverside County
 NE 1/4, NE 1/4 of Section 22, T3S, R4E, S8B&M
 Topographic Map

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