

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

ORDER NO. 93-001

GENERAL WASTE DISCHARGE REQUIREMENTS
FOR
ON-SITE SUBSURFACE DOMESTIC WASTEWATER DISPOSAL SYSTEMS FOR
AUTO GARAGES, VEHICLE MAINTENANCE YARDS,
MACHINE SHOPS AND CAR WASHES

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

1. The California Water Code requires that any person discharging wastes, or proposing to discharge wastes, other than into a community sewer system, which could affect the quality of the waters of the State, shall file a Report of Waste Discharge with the appropriate Regional Water Quality Control Board. The Regional Board then shall prescribe requirements for the discharge or proposed discharge of wastes.
2. On-site subsurface domestic wastewater disposal systems from auto garages including service station garages, machine shops, car washes, and vehicle maintenance yards have caused and have the potential to cause contamination of the State's ground water resources with hydrocarbon compounds, heavy metals, and other pollutants.
3. On-site subsurface disposal systems are domestic wastewater disposal systems which use subsurface infiltration of wastewater as a primary disposal method. Such systems include, but are not limited to, seepage pits, leach fields, mound systems (all unlined types) and evapotranspiration/absorption systems. Such systems are used for the disposal of domestic sewage and said facility's washwater.
4. Section V (B)(3), the Guidelines for Sewage Disposal from Land Developments adopted by the Regional Board in 1984 provides for the exclusion of sewage disposal for wastewater flows less than 15,000 gallons-per-day. However, this section is not applicable to the mentioned facilities for the following reasons:
 - a. Operating such facilities may involve daily use and/or water contact with oil, solvents, grease and other substances that would pollute ground water;
 - b. If the above mentioned substances enter the ground water, contamination could adversely impact or render the water supply unuseable;
 - c. Studies have shown that private domestic subsurface disposal systems from auto garages, machine shops, car washes, and vehicle maintenance yards have been contaminated with hydrocarbon compounds, heavy metals and other pollutants.

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5. The adoption of general waste discharge requirements for said facilities using on-site domestic wastewater disposal would assist in:
 - a. Protecting the ground waters of the State from contamination;
 - b. Identifying potential ground water pollution problems existing at this time;
 - c. Simplifying and expediting the application process for the discharger; and
 - d. Reduce Regional Board time expended on preparing and considering individual waste discharge requirements for each facility.
6. These general requirements are intended for facilities where the ground water beneficial use and/or potential beneficial use is for municipal supply, agricultural supply and/or industrial supply, as described in the Basin Plan. Under the direction of the Regional Board's Executive Officer, these requirements would benefit the public and the Regional Board staff by accelerating the review process without loss of regulatory jurisdiction and oversight.
7. The Water Quality Control Plan for the Colorado River Basin Region of California was adopted May 15, 1991 and designates the beneficial uses of ground and surface waters in this Region.
8. Beneficial uses of ground water in the Colorado River Basin Region include municipal supply, agricultural supply and industrial supply. Beneficial uses for individual hydrologic subareas are specified in the Water Quality Control Plan.
9. These general waste discharge requirements are applicable only to auto garages, machine shops, car washes and vehicle maintenance yards which generate and dispose of domestic wastewater on-site.
10. These general waste discharge requirements are not intended to alter or supersede existing restrictions or conditions or the preparation of specific waste discharge requirements imposed by other government agencies on the project.
11. These general waste discharge requirements may be adopted provided that one of the following conditions exist:
 - a. 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.).
 - b. The installation and operation of the private subsurface disposal system will cause a minor alteration to land as defined in the California Code of Regulations, Title 14, Section 15300.

12. To qualify for this general order the discharger must:
 - a. Own, operate, lease, or propose to own, operate or lease a commercial facility mentioned above;
 - b. Submit a Report of Waste Discharge (Form 200) and filing fee;
 - c. Adhere to all current local, State and Federal regulations and applicable permits; and
 - d. Submit documentation that the local lead agency has satisfied the requirements of the California Environmental Quality Act (Chapter 3, Division 13, Public Resources Code).
13. Following receipt of a Report of Waste Discharge, the Regional Board's Executive Officer will determine whether:
 - a. It is appropriate to regulate the proposed facility under general waste discharge requirements;
 - b. No further documentation or clarification is needed; and
 - c. The wastewater disposal system appears to meet criteria necessary for protection of ground water.
14. Dischargers that submit complete applications and are determined to be subject to these requirements will be notified by the Regional Board's Executive Officer in writing. This notification will inform the discharger that their proposed discharge is subject to the requirements promulgated by the Regional Board.
15. Notwithstanding the above findings, individual cases may be brought to the Board for consideration of waste discharge requirements when deemed appropriate by the Regional Board's Executive Officer.
16. The Board has notified interested agencies and persons of its intent to adopt general waste discharge requirements for the use of on-site subsurface wastewater disposal systems at auto garages, vehicle maintenance yards, machine shops and car washes.
17. The Board in a public meeting heard and considered all comments pertaining to this discharge.

IT IS HEREBY ORDERED THAT:

A. Discharge Specification

1. This Order shall serve as general waste discharge requirements for the discharge of domestic wastes from on-site subsurface wastewater disposal systems of car washes, vehicle maintenance yards, machine shops and auto garages.
2. All persons owning or operating facilities of the type described in Finding No. 9 are considered dischargers for the purpose of this Order.

3. All said facilities using on-site waste treatment/disposal shall include an industrial interceptor and/or separator trap which is accessible for cleaning and inspection.
4. All regulated disposal systems shall be readily accessible for sampling and inspection.
5. All treatment units shall be protected from storm water runoffs.
6. Odors of sewage origin shall not be perceivable beyond the limits of the individual facility.
7. There shall be no on-site disposal of septage. 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.
8. No part of the private subsurface disposal system shall be closer than 150 feet to any water well or closer than 100 feet to any stream, channel or other watercourse.
9. No part of the seepage pit or leach field for the private sewage disposal system 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 seepage pit or leach field 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 Officer. Furthermore, the seepage pit or disposal field shall not lie above fractured or impermeable bedrock. The discharger must submit a technical report certifying that the seepage pits or leach fields meet this requirement. The report shall be prepared by a California registered civil engineer or a certified engineering geologist.
10. The subsurface wastewater disposal system(s) shall be maintained so that at no time will wastewater be permitted to surface or overflow at any location.
11. The treatment or disposal of wastewater 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.

B. Provisions

1. 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.
2. This Board Order does not authorize violation of any federal, state, or local laws or regulations.

3. The discharger shall submit a Report of Waste Discharge (as described in Finding No. 12) that includes the as-built construction and operation details of the subsurface system for review within 90 days after system completion.
4. These waste discharge requirements are subject to review and revision by the Regional Board.
5. Provisions of these waste discharge requirements are severable. If any provision of these requirements is found invalid, the remainder of these requirements shall not be affected.
6. 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.
7. The discharger shall provide an inventory of all hazardous materials which will be handled at the facility.
8. The discharger shall allow the Regional Board, or any 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.
9. 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 authorized representative, may waive the written report on a case-by-case basis if the oral report has been received within 24 hours.

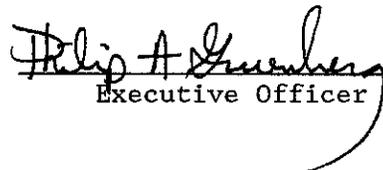
10. The discharger is the responsible party for the waste discharge requirements, monitoring and reporting program for the facility. The discharger must comply with all conditions of these waste discharge requirements. Violations may result in enforcement actions, including Regional Board Orders or court orders, requiring corrective action or imposing civil monetary liability, or in modification or revocation of these waste discharge requirements by the Regional Board.
11. The Dischargers shall comply with "Monitoring and Reporting Program No. 93-001", and future revisions thereto, as specified by the Regional Board's Executive Officer.
12. Prior to any modifications in the 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.
13. The discharger shall furnish, under penalty of perjury, technical monitoring program reports and such reports shall be submitted in accordance with specifications prepared by the Regional Board's Executive Officer such specifications are subject to periodic revisions as may be warranted.
14. 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.
15. 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 U.S. Environmental Protection Agency.
16. The discharger shall retain records of all monitoring information including all calibration and maintenance records, copies of all reports required by this Order, and records of all data used to complete the application for this 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.
17. All sampling of septage from grease interceptors, grease traps or septic tanks by the discharger or private parties will be reported with the monitoring report as required.
18. All maintenance performed will be reported with the monitoring reports as required.

20. All application reports or information to be submitted to the Regional Board's Executive Officer shall be signed and certified as follows:
 - a. For a corporation - - by a principal executive officer with at least the level of vice president.
 - b. For a partnership or sole proprietorship - - by a general partner or the proprietor, respectively.
 - c. For a municipality, State, Federal, or other public agency -- by either a principal executive officer or ranking elected official.
21. A duly authorized representative of the person designated above may sign documents if:
 - a. The authorization is made in writing by the person described above;
 - b. The authorization specifies 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.

Each report shall contain the following completed certification:

"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."

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 20, 1993.


Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 93-001
FOR
ON-SITE SUBSURFACE DOMESTIC WASTEWATER DISPOSAL SYSTEM FOR
AUTO GARAGES, VEHICLE MAINTENANCE YARDS,
MACHINE SHOPS AND CAR WASHES

A sampling point shall be located where representative samples of effluent can be obtained. Wastewater discharged into subsurface disposal field shall be monitored for the following constituents:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Discharge Flow (Estimate)	gpd	-	Monthly
TOC (Total Organic Carbon)	mg/L ¹	Grab	Annually
TPH (Total Petroleum Hydrocarbon)	mg/L	Grab	Annually
Volatile Organics (EPA Method 601, 602)	µg/L ²	Grab	Annually

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.

A duly authorized representative of the person designated above may sign documents if:

- a. The authorization is made in writing by the person described above;

¹ mg/L = milligram per liter

² µg/L = microgram per liter

- b. The authorization specifies an individual or person having responsibility for the overall operation of the regulated disposal system; and
- c. The written authorization is submitted to the Executive Officer.

Each report shall contain the following completed certification:

"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."

REPORTING

Monthly monitoring reports shall be submitted to the Regional Board by the 15th day of the following month. Annual reports shall be submitted by January 15th 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

ORDERED BY:

Philip A. Guevara
Executive Officer

January 20, 1993

Date