

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

ORDER NO. 093-022
WASTE DISCHARGE REQUIREMENTS
FOR

ACTON PLAZA AND SHOPPING CENTER
(Commercial Development)
(File No. 90-78)

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

1. Acton Plaza and Shopping Center, a partnership (hereinafter called the Discharger), has filed a Report of Waste Discharge for the disposal of domestic and restaurant wastewaters.
2. Acton Plaza and Shopping Center is located on a 1 acre site at 3807 W. Sierra Highway (N.W. corner of Crown Valley Road and Sierra Highway), Acton, California. The site comprises a Unocal service station, liquor store/market, laundromat, public bar, offices, and a proposed restaurant.
3. The Discharger proposes to discharge up to 12,000 gallons per day of domestic and restaurant wastewaters using a disposal system consisting of 1 septic tank and 2 seepage pits.

In addition, the service station has its own 3- stage, 750 gallon clarifier and seepage pit for station washdown wastewaters. This disposal system may be subject to EPA requirements for Class 5 injection wells, but is not subject to these Waste Discharge Requirements.

4. Domestic water for the development is supplied by Los Angeles County Water Works District 37.
5. The facility overlies the Acton Valley Groundwater Basin, within the Acton Hydrologic Subarea of the Santa Clara-Calleguas Hydrologic Unit.
6. Acton Plaza and Shopping Center is located in an unsewered area of the Acton area. The cumulative nitrate increase in the groundwater, from the combination of this project and other future projects in the area, may cause an unacceptable impact on the groundwater.

7. An action level for nitrate in the groundwater has been identified at 34 mg/L, or 75% of the State Department of Health Services Maximum Contaminant Level (MCL) of 45 mg/L. Identification of nitrate at this level should allow sufficient time for emplacement and activation of mitigation measures, should they become necessary.
8. Acton Plaza and Shopping Center does not have dry sewers in place, or any other means to mitigate possible impacts on groundwater.
9. The beneficial uses of the groundwater are municipal and domestic supply, agricultural supply, industrial service supply, and industrial process supply.
10. The Board adopted a revised Water Quality Control Plan for the Santa Clara River Basin on October 22, 1990. The Plan contains water quality objectives for the Acton Hydrologic Subarea. The requirements contained in this Order, as they are met, will be in conformance with the goals of the Water Quality Control Plan.
11. This is an existing facility and, as such, is exempt from the provisions of the California Environmental Quality Act, in accordance with California Code of Regulations, Title 14, Chapter 3, Section 15301.

The Board has notified the Discharger and interested agencies and persons of its intent to adopt Waste Discharge Requirements for this subsurface sewage disposal project, and has provided them with an opportunity to submit their written comments and recommendations.

The Board, in a public meeting, heard and considered all comments pertaining to the discharge and the tentative Waste Discharge Requirements.

IT IS HEREBY ORDERED that Acton Plaza and Shopping Center shall comply with the following:

A. DISCHARGE PROHIBITIONS

1. Wastes discharged shall be limited to domestic sewage and restaurant wastewaters only; no water softener regeneration wastewaters or commercial wastes shall be discharged at this location.

2. 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 reaching surface waters or watercourses.

B. WASTE DISCHARGE REQUIREMENTS

1. No part of the septic tanks or seepage pits shall be closer than 150 feet to any water well, or closer than 100 feet to any stream, channel or other watercourse.
2. No part of the domestic sewage disposal system shall extend to a depth where wastes may deleteriously affect an aquifer that is usable for domestic purposes. In no case may the septic tanks or seepage pits extend to within 10 feet of the zone of historic or anticipated high groundwater level. The Discharger must submit certification that the septic tanks and seepage pits meet this requirement.
3. Neither the treatment nor the discharge of waste shall create a condition of pollution, contamination, or nuisance.
4. Wastes discharged shall at no time contain any substance in concentrations toxic to human, plant, or aquatic life.
5. The septic tanks and seepage pits shall be maintained in such a manner that at no time will sewage be permitted to surface or overflow at any location.
6. The septic tanks and seepage pits shall be protected from damage by storm flows or runoff.
7. Odors of sewage origin shall not be perceivable from the septic tank or seepage pits.
8. Wastes shall not be disposed of in geologically unstable areas or so as to cause earth movement.
9. The Discharger shall comply with all rules and regulations of the Los Angeles County Department of Health Services for construction and operation of domestic sewage disposal systems.

10. A groundwater monitoring program shall be established so that groundwater from the aquifer beneath the project, or in the immediate vicinity of the project, may be sampled and analyzed to determine if the project has impacted groundwater quality.

C. PROVISIONS

1. This Order becomes effective upon receipt by the Regional Board of written confirmation of acceptance of responsibility by the Discharger.
2. This facility shall be compatible with regional sewage collection and treatment plans.
3. The number of wells, well locations, and/or installation of monitoring wells, for this project, shall be subject to the Executive Officer's approval. The proposed monitoring well system shall be submitted to the Executive Officer for approval within 60 days of adoption of these Waste Discharge Requirements.
4. The Discharger shall submit, within 90 days of adoption of these Waste Discharge Requirements, plans for measures that will be taken to mitigate the long-term effects of septic tanks and seepage pits on the groundwater.
5. As soon as a community sewer system becomes available, the Discharger shall connect to the sewer system and properly close the domestic sewage disposal systems.
6. The Discharger shall submit as-built construction and operation details of the septic tanks and seepage pits to the Board for review within 30 days of adoption of these Waste Discharge Requirements.
7. The Discharger shall establish a responsible party to comply with this Order and the Monitoring Program. This information shall be provided to the Board within 30 days of adoption of these Waste Discharge Requirements.

Thereafter, the Discharger must notify the Board, 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 the specific

date for the transfer of responsibility of this Order to the new Discharger.

8. Within 60 days after the nitrate concentration in any downstream monitoring well reaches or exceeds 34 mg/L (75% of the State Department of Health Services Maximum Contaminant level [MCL] of 45 mg/L), the Discharger must submit a plan to remediate nitrate contamination in the groundwater, so as to preclude any exceedance of the 45 mg/L MCL. The plan must contain a detailed description of remediation methodology proposed, together with the time schedule of implementation.
9. This Order includes "Standard Provisions Applicable to Waste Discharge Requirements".

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 April 5, 1993.

Robert P. Ghirelli

ROBERT P. GHIRELLI, D.Env.
Executive Officer

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

MONITORING AND REPORTING PROGRAM NO.7266

FOR

ACTON PLAZA AND SHOPPING CENTER

(File No. 90-78)

The Discharger shall implement this groundwater monitoring program on the first day of the month following the adoption 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

All water quality data shall be summarized in an annual report, submitted to the regional Board on January 15, for each year following issuance of the original Waste Discharge Requirements.

GROUNDWATER MONITORING

The Discharger shall establish suitable and accessible water wells, subject to the Executive Officer's approval, to serve as groundwater monitoring stations. The groundwater monitoring program shall be as follows:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis</u>
Nitrogen-ammonia	mg/L	grab	quarterly
Nitrogen-nitrate	mg/L	grab	quarterly
Nitrogen-nitrite	mg/L	grab	quarterly
Chloride	mg/L	grab	quarterly
Sulfate	mg/L	grab	quarterly
Total dissolved solids	mg/L	grab	quarterly
Surfactants (anionic, cationic, nonionic)	mg/L	grab	quarterly
Total phosphate	mg/L	grab	quarterly
Volatile organic cmpds (EPA Method 524.2)	µg/L	grab	quarterly
Total coliform	count/100ml	grab	quarterly
Fecal coliform	count/100ml	grab	quarterly

This groundwater monitoring schedule is subject to revision.

Laboratory analyses must follow methods approved by the United States Environmental Protection Agency (EPA); the laboratory must meet EPA Quality Assurance Quality Control (QAQC) criteria. MBAS and surfactants analyses must be carried out as specified in "Standard Methods for the Examination of Water and Wastewater" (17th edition, American Public Health Association, Port City Press, Baltimore: 1989).

The groundwater monitoring reports shall contain the following information:

- a. Groundwater quality monitoring data as specified above. This data shall be submitted to the Regional Board in hard copy and on 3 1/2" or 5 1/4" computer diskette. Submitted data must be IBM compatible, preferably using Lotus123 or dBASE software.
- b. Well identification, date and time of sampling, water temperature, depth to groundwater (from a standard reference point), sampler identification, laboratory identification, date (s) of analysis.
- c. The average and maximum quality of discharge for each month of the quarter, in gallons per day.
- d. Estimated population served during each month of the reporting period.
- e. A statement relative to compliance with discharge specifications during the period of report.
- f. In the event that septage is hauled to a legal disposal site, the name and address of the hauler of the septage shall be reported, along with the quantity 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 and shall include a statement relative to disposal of septage during the period.

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.

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.

Ordered by

Robert P. Ghirelli
ROBERT P. GHIRELLI, D.Env.
Executive Officer

Date: April 5, 1993