

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

ORDER NO. 91-059

WASTE DISCHARGE REQUIREMENTS
FOR

HILLSIDE DEVELOPMENT PARTNERS
(Tentative Tract 49240)
(File No. 91-17)

7044

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

1. Hillside Development Partners, a partnership, (hereinafter called the discharger) has filed a report of waste discharge for the disposal of domestic waste.
2. The discharger proposes to build 121 single-family homes on tract 49240 (approximately 240 acres) in Acton, California. Tract 49240 is located at Carson Mesa Road and Aliso Canyon Road, Acton. This area is not served by a community sewer system.
3. Each single-family lot will have a septic tank and leach field/seepage pits system installed for the disposal of domestic waste.
4. The drinking water for the development will be supplied by Los Angeles County Water Works District No. 37, Acton.
5. The disposal sites are located within the Acton Hydrologic Subarea of the Upper Santa Clara River Hydrologic Subunit of the Santa Clara-Calleguas Hydrologic Unit.
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 the ground waters in 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.
7. The beneficial uses of the ground waters in Acton Subarea are: municipal and domestic water supply, agricultural water supply, industrial service supply, and industrial process supply.
8. The report of waste discharge stated that the discharge to ground water, associated with the use of septic tanks, may impact ground water quality. As a result of this

impact, some beneficial uses may be adversely impacted or unattainable.

9. Mitigation measures, submitted by the discharger, propose the installation of dry sewers.
10. Installation of dry sewers, at the time of development, is considered to be an efficient and economical means of mitigating the long-term effects of septic tanks on ground water. The threat to waters of the State is thereby reduced by preparing for prompt hook-up to a regional collection system should such measures become necessary.
11. The Los Angeles County Department of Regional Planning is expected on May 14, 1991, to approve a Negative Declaration in accordance with the California Environmental Quality Act (Public Resources Code Section 21000 et seq.). The report described that there will not be significant impact on water quality by the proposed private on-site sewage disposal system.

The Board has notified the discharger and interested agencies and persons of its intent to adopt waste discharge requirements for this project, and has provided them with an opportunity to submit their written views and recommendation.

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

IT IS HEREBY ORDERED that Hillside Development Partners shall comply with the following:

A. DISCHARGE PROHIBITIONS

1. Discharge pursuant to these requirements shall not commence until the discharger has reported and verified to the Executive Officer, and the Executive Officer has confirmed, that the Los Angeles County Department of Regional Planning has approved an environmental document (Negative Declaration) for this project.
2. Wastes discharged shall be limited to domestic sewage only; no water softener regeneration brines or industrial or commercial wastes shall be discharged at this location.
3. There shall be no on site disposal of sludge. Any offsite disposal of sludge shall be only to a legal point

of disposal. For purposes of these requirements 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 sludge handling shall be in such a manner as to prevent waste from reaching surface waters or watercourses.

B. WASTE DISCHARGE REQUIREMENTS

1. Wastes discharged shall at no time contain any substance in concentrations toxic to human, plant, or aquatic life.
2. The leach field system shall be maintained in such a manner that at no time will sewage be permitted to surface or overflow at any location.
3. The leach field system shall be protected from damage by storm flows or runoff.
4. Odors of sewage origin shall not be perceivable beyond the limits of the property owned or controlled by the discharger.
5. The septic tanks must be pumped and maintained on a regular basis.
6. Wastes shall not be disposed of in geologically unstable areas or so as to cause earth movement.
7. The discharger shall comply with all rules and regulations of the Los Angeles County Department of Health Services for construction and operation of private sewage disposal systems.
8. Wastes discharged shall not cause the appearance of foam or other indicators of waste disposal in nearby surface waters.

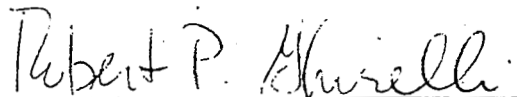
C. PROVISIONS

1. This facility shall be compatible with regional sewage plans.
2. The number of wells, well locations, and installation or replacement of the monitoring wells for this project shall be subject to Executive Officer approval. The proposed monitoring well system shall be submitted to the

Executive Officer for approval at least 120 days prior to commencement of discharge.

3. Installation of dry sewers, as proposed, is required for this development. As soon as a community sewer system becomes available, the discharger shall connect the dry sewers to the community sewer system and properly close the private sewage disposal system(s).
4. The discharger shall submit as-built construction and operation details of the leach field system to the Board for review within 90 days after the system is in place.
5. No part of the leach field system shall be closer than 150 feet to any water well or closer than 100 feet to any stream, channel or other watercourse.
6. No part of any leach field shall extend to a depth where wastes may deleteriously affect ground water that is usable for domestic purposes and in no case within 5 feet of the zone of fluctuating ground water.
7. Prior to the commencement of discharge, the discharger shall establish a responsible party to comply with this Order and the monitoring and reporting program. This information shall be provided to the Board at least 60 days prior to any use of the private sewage disposal systems.
8. 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 22, 1991.



ROBERT P. GHIRELLI, D.Env.
Executive Officer

GK/

Hillside Development Partners
Tentative Tract 49240

File No. 91-17

State of California
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, LOS ANGELES REGION
MONITORING AND REPORTING PROGRAM 7044
FOR

HILLSIDE DEVELOPMENT PARTNERS
(Tentative Tract 49240)
(File No. 91-17)

The discharger shall implement this monitoring program on the effective date of this order. The first monitoring report under this program is due within 30 days from the commencement of the discharge. Subsequent monitoring reports shall be submitted by the dates in the following schedule:

<u>Reporting Period</u>	<u>Report Due</u>
September-November	December 15
December-February	March 15
March-May	June 15
June-August	September 15

GROUND WATER MONITORING

The discharger shall install suitable and accessible water wells upgradient and downgradient of the leach fields to serve as ground water monitoring stations. The following shall constitute the monitoring program:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis</u>
nitrogen-ammonia	mg/L	grab	monthly ¹
nitrogen-nitrate	mg/L	grab	monthly ¹
nitrogen-nitrite	mg/L	grab	monthly ¹
chloride	mg/L	grab	quarterly
oil & grease	mg/l	grab	quarterly
MBAS	mg/l	grab	monthly ¹
surfactants	mg/l	grab	monthly ¹
total phosphate	mg/L	grab	monthly ¹
total dissolved solids	mg/L	grab	annually
sulfate	mg/L	grab	quarterly

¹Following the second quarterly report, Regional Board staff will review and evaluate the data. Monthly analyses will then revert to quarterly, unless otherwise specified by the Executive Officer.

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis</u>
total coliform	count/100ml	grab	quarterly
fecal coliform	count/100ml	grab	quarterly
fecal strep	count/100ml	grab	quarterly
calc fecal/strep ratio	-----	----	quarterly

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. For surfactants, the methods described in the "Standard Methods for the Examination of Water and Wastewater" 17th edition, must be followed.

REPORTING

The reports shall contain the following information:

- a. Ground water monitoring data as specified above. This data shall be submitted to the Regional Board on 3 1/2" or 5 1/4" computer diskette. Submitted data must be IBM compatible, preferably using Lotus123 or dBASE III PLUS software.
- b. Well identification, date and time of sampling, water temperature, depth to ground water (from a standard reference point), sampler identification, laboratory identification, date(s) of analysis.
- c. The average and maximum quantity 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

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submitted and shall include a statement relative to disposal of septage during the period.

- g. For each discharge into the leach fields, discharger shall list the discharger's name, type of business, approximate volume.

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 22, 1991