

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 85-105

WASTE DISCHARGE REQUIREMENTS

PACIFIC NURSERY POTS, INCORPORATED
SANTA CLARA,
SANTA CLARA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region (hereinafter called the Board) finds that:

1. Pacific Nursery Pots, Incorporated (hereinafter referred to as the discharger) owns a 4.5 acre site in Santa Clara, located at 1015 Martin Avenue (see site map, Attachment A). The discharger has been located at this facility since 1955, producing plant containers.
2. The discharger completed and submitted a Facility Questionnaire for the Regional Board's Underground Tank Leak Detection Program on May 25, 1982. Information provided by the discharger indicated the presence of six underground storage tanks, including three diesel fuel tanks, two unleaded gasoline fuel tanks, and one raw product tank containing stoddard 250 thinner ("thinner"). All six tanks have been excavated and removed from this facility.
3. Board staff requested a subsurface investigation for the presence of groundwater pollution in October, 1982. The discharger submitted partial results of a Phase I groundwater investigation in a report dated March 19, 1984. The discharger reported the presence of soil polluted with "thinner" at 16.7 parts per million (ppm).
4. Board staff sampled the groundwater monitoring well at the discharger's "thinner" tank on May 15, 1984. This sample revealed groundwater polluted with "thinner" at eight parts per million (ppm). Staff requested a determination of the extent of groundwater pollution in a letter dated June 18, 1984.
5. The discharger reported discontinuing the use of two diesel fuel tanks and the one "thinner" tank. The discharger also proposed the installation of two shallow zone monitoring wells, and one intermediate zone monitoring well. Results from these wells indicated groundwater polluted with "thinner" and gasoline hydrocarbons. This groundwater pollution poses a threat to the beneficial uses of the waters of the state.

6. The Board adopted a revised Water Quality Control Plan (Basin Plan) for the San Francisco Bay Region on July 21, 1982. The Basin Plan contains water quality objectives for San Francisco Bay. The Basin Plan also contains water quality objectives for groundwater.
7. The beneficial uses of San Francisco Bay include:
 - a. Recreation
 - b. Fish migration and habitat
 - c. Habitat and resting for waterfowl and migratory birds
 - d. Industrial water supply
 - e. Esthetic enjoyment
8. The existing and potential beneficial uses of the groundwater underlying the facility include:
 - a. Industrial process water supply
 - b. Industrial service supply
 - c. Domestic supply
 - d. Agricultural supply
9. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the discharge and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.
10. This project constitutes a minor modification to land and such activity is thereby exempt from the provisions of the California Environmental Quality Act (CEQA) in accordance with Section 15304, of the Resources Agency Guidelines.
11. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, that Pacific Nursery Pots, Incorporated, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, shall comply with the following:

A. PROHIBITIONS

1. The discharge of wastes or hazardous materials in a manner which will degrade water quality or adversely affect the beneficial uses of the groundwaters of the State is prohibited.

2. The discharge of wastes or hazardous materials through subsurface transport to surface waters in quantities or concentrations which will degrade water quality or adversely affect the beneficial uses is prohibited.
3. Containment and/or cleanup of polluted groundwater shall not cause the spread of pollution in an adverse manner at an adjoining or otherwise affected site.
4. Activities associated with the subsurface investigation and cleanup which will cause significant adverse migration of the pollution is prohibited.

B. SPECIFICATIONS

1. The treatment or disposal of waste shall not create a nuisance as defined in Section 13050(m) of the California Water Code.
2. The vertical and lateral extent of pollution shall be defined at all times. Should monitoring results show evidence of plume migration, additional plume characterization shall be required.
3. The hydrogeologic conditions in all polluted aquifers and related areas shall be defined.
4. Further migration of polluted groundwater shall be prevented.

C. PROVISIONS

1. In order to comply with Specification E.2., the discharger shall meet the following compliance time schedule:

<u>TASK</u>	<u>COMPLIANCE DATE</u>
a. Define the lateral and vertical extent of pollution onsite and offsite in the upper water bearing zones (i.e., 0-30 feet as currently defined) by	December 1, 1985

2. Documentation of compliance with Specification B.3. shall be provided to the Board through quarterly reports, commencing on December 1, 1985. These reports shall include the following, updated quarterly:
 - a. Piezometric surface maps for all polluted water bearing zones.
 - b. Cross-sectional geologic maps.
 - c. Geologic logs of new soil borings.
3. In order to comply with Specification B.4. the discharger shall submit a report to the Board by December 1, 1985 which contains a proposal for interim containment of the groundwater plume. This report shall be based upon the results of the studies necessary to comply with Provisions C.1 and C.2.
4. All samples shall be analyzed by laboratories using approved EPA methods for the type of analysis to be performed. All laboratories shall maintain quality assurance/quality control records for Board review.
5. The discharger shall permit the Board or its authorized representative, in accordance with Section 13267(c) of the California Water Code:
 - a. Entry upon premises in which any pollution sources exist, or may potentially exist, or in which any required records are kept.
 - b. Access to copy any records required to be kept under terms and conditions of this Order.
 - c. Inspection of any monitoring equipment or methods required by this Order.
 - d. Sampling of any groundwater or soil which is accessible, or may become accessible as part of any investigation or remedial action program, to the discharger.

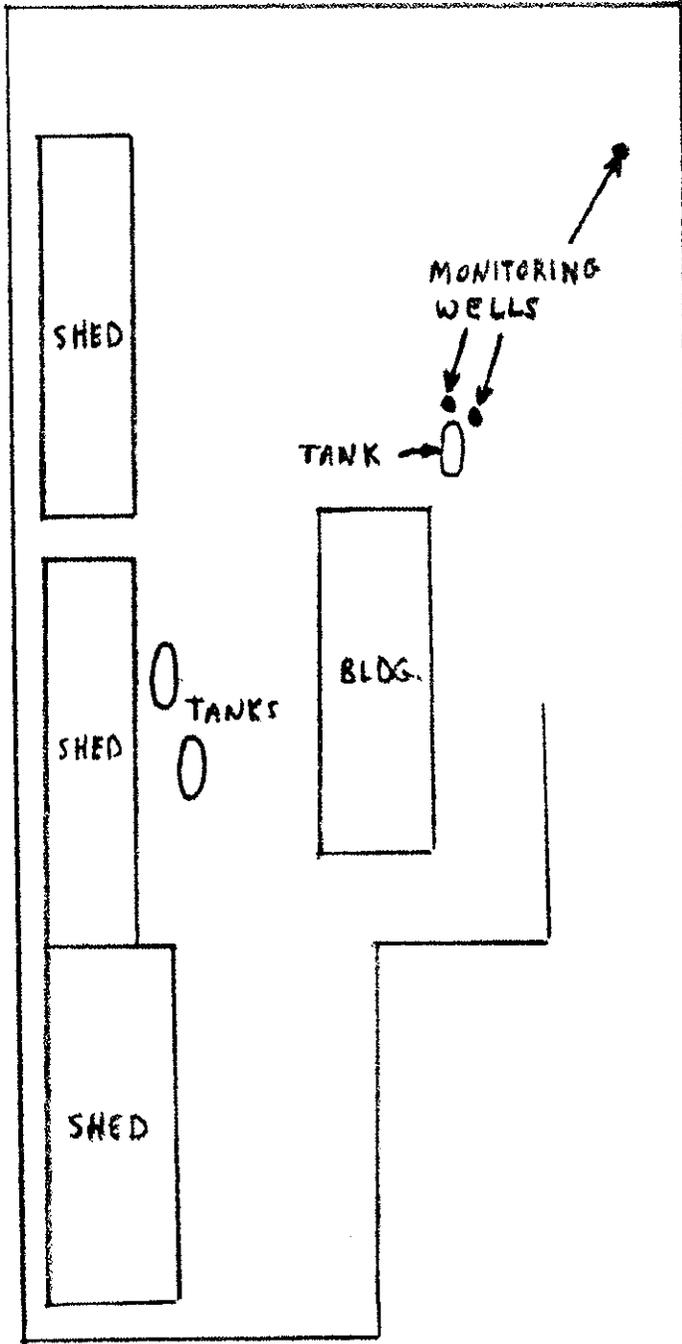
6. The discharger shall file a report on any material changes in the nature, quantity, or transport of polluted groundwater associated with the pollution described in this Order.
7. The discharger shall maintain in good working order and operate, as efficiently as possible, any facility or control system installed to achieve compliance with the requirements of this Order.
8. The Board will review this Order periodically and may revise the requirements when necessary.
9. In the event of any change in control or ownership of land or waste discharge facilities presently owned or controlled by the discharger, the discharger shall notify the succeeding owner or operator of the existence of this Order by a letter, a copy of which shall be forwarded to this Board.
10. The discharger shall submit to the Board technical reports on self-monitoring work performed according to a program approved by the Board's Executive Officer.
11. The discharger shall comply with all sections of this Order immediately upon adoption.

I, Roger B. James, 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, San Francisco Bay Region, on September 18, 1985.


for ROGER B. JAMES
Executive Officer

Attachment:

- A. Site Map



MARTIN AVENUE

NO SCALE

STATE OF CALIFORNIA
REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ATTACHMENT A. SITE MAP

Pacific Nursery Pots, Inc.
Santa Clara, Santa Clara County

DRAWN BY: ~~24~~ DATE: 7/8 DRWG. NO. 001