

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL COAST REGION**

81 Higuera Street, Suite 200
San Luis Obispo, California 93401-5427

ORDER NO. 92-48

**WASTE DISCHARGE REQUIREMENTS
FOR
R & S CROP DUSTERS, INC.,
SANTA MARIA, SANTA BARBARA COUNTY**

The California Regional Water Quality Control Board, Central Coast Region (hereafter Board), finds that:

1. R & S Crop Dusters, Inc. (hereafter Discharger) owns and operates a pesticide/fertilizer sales and application business in Santa Maria, California. The facility is located in the SE 1/4 of Section 33, T11N, R34W, MD B&M, shown in Attachments "A" and "B".
2. Discharger sells pesticides and fertilizers and applies them to agricultural farmlands using aerial application equipment.
3. Domestic wastes are discharged to a septic tank/leachfield system.
4. Waste Discharge Requirements are being revised pursuant to the California Water code, Section 13263(e). The discharge has been regulated by Waste Discharge Requirements Order No. 87-03, adopted by the board on January 16, 1987.
5. A geologic log of an onsite well indicates underlying soils consist of fine to medium grained sand and gravelly sand, interbedded with horizons of silty sand, silt and clay. An horizon of silty clay exists about 50 feet below ground surface.
6. First groundwater lies about 110 feet below ground surface and most likely moves in a northwesterly direction toward the Santa Maria River. The uppermost aquifer is unconfined.
7. The Water Quality Control Plan, Central Coast Basin (Basin Plan) was adopted by the Board on November 17, 1989 and approved by the State Board on August 16, 1990. It is updated periodically. The Basin Plan incorporates statewide plans and policies by reference and contains a strategy for protecting beneficial uses of State waters. The Basin Plan states whenever existing water quality is better than what is established by objectives, the existing quality shall be maintained. It prohibits discharge of any hazardous substances to waters of the State except in accordance with waste discharge requirements.
8. Existing and anticipated beneficial uses of shallow ground water in the vicinity of the discharge include agricultural, industrial, and domestic supply.
9. Discharge of waste is a privilege, not a right, and authorization to discharge is conditional upon the discharge complying with provisions of Division 7 of the California Water Code and any more stringent limitations necessary to implement water quality control plans, to protect beneficial uses, and to prevent nuisance. Compliance with this Order should assure compliance and mitigate any potential adverse changes in water quality due to operations at the facility.
10. These requirements are for the protection of natural resources and the environment and, as such, are exempt from the provisions of the California Environmental Quality Act (Public Resources Code, Section 21000, et

seq.) in accordance with Section 15307 and 15308, Chapter 3, Title 14, of the California Code of Regulations.

11. On May 11, 1992, the Board notified the Discharger and interested persons of its intent to issue revised requirements for this facility, provided them a copy of the proposed Order, and gave them an opportunity to submit their written views and recommendations.
12. In a public hearing on July 10, 1992, the Board heard and considered all comments pertaining to the discharge of waste at this facility and found this Order consistent with the above findings.

IT IS HEREBY ORDERED, pursuant to authority in Section 13263 of the California Water Code, R & S Crop Dusters, Inc., its agents, successors, and assigns, shall maintain compliance with the following:

(Note: Other prohibitions and conditions, definitions and the method of determining compliance are contained in the attached "Standard Provisions and Reporting Requirements for Waste Discharge Requirements," dated January 1984. Applicable paragraphs are referenced in Provision C-2.)

A. DISCHARGE PROHIBITIONS

1. Discharge, overflow, bypass, leakage, seepage, and over-spray of any waste or contaminated site runoff water to drainageways and adjacent properties are prohibited.
2. Discharge of hazardous materials at the site, other than to impermeable containment vessels or permitted treatment system, is prohibited.

B. DISCHARGE SPECIFICATIONS

1. Empty pesticide containers shall be disposed of only at a disposal site approved by the Regional Board to receive these wastes.

Opened and non-waterproof containers shall be properly stored and protected to prevent spillage, overtopping and leakage which could impact surface or ground water quality.

2. Hazardous waste, if generated, shall be discharged to a regulated waste disposal site approved by the Board to receive hazardous and/or toxic waste. If waste is demonstrated, by analysis, to be non-toxic and non-threatening to water quality and the Executive Officer acknowledges same in writing, the waste may be disposed of at a waste disposal site approved by the Board to receive non-toxic/non-designated waste.
3. Fertilizer storage tank sludge and fertilizer spill cleanup material may be applied to farmland in accordance with good agricultural practice.
4. Residues from pesticide spill cleanup and/or other activity, such as yard scraping, shall be discharged to an appropriate waste disposal site approved by the Board, unless it is demonstrated by analysis that the material can be safely applied at non-regulated site(s) and such application is approved in writing by the Executive Officer.
5. Surface drainage shall be intercepted and diverted away from areas where the water may be contaminated by business activities.
6. All storm drainage contaminated as a result of operations at this facility shall be contained and properly disposed.
7. Collected and stored rinsewater containing pesticide or fertilizer residues shall be disposed of in accordance with the law and in a manner approved by the Board. If applied to farmland, it shall be applied in amounts considered to be sound agricultural practice.
8. Storage and transport of hazardous materials shall be in compliance with state laws and regulations.

9. Discharger shall promptly cleanup, remove and relocate any material discharged at this site in violation of these requirements.

C. PROVISIONS

1. Discharger shall maintain a copy of this Order and an Operation Plan at the site where they are always available to operating personnel and regulatory authorities. Whenever a substantial change in operation is made that varies from the existing plan, the plan shall be updated and the discharger shall promptly notify the Board and submit a copy of the updated plan.

2. Discharger shall comply with items of the attached "Standard Provisions and Reporting Requirements for Waste Discharge Requirements", dated January 1984, listed below:

- A. 7, 18 through 24, and 26.
- B. 1 and 3 through 7.
- C. 1, 3, 5, 6, 7, and 10 through 15.
- E. 1 through 3.
- F. 1, 2, 6, 7, 8, 13, 15, 16, and 18.

3. Discharger shall notify the Regional Board of significant spills within four hours.

4. Discharger shall comply with "Monitoring and Reporting Program No. 92-48", as specified by the Executive Officer.

5. Order No. 87-03, "Waste Discharge Requirements for R & S Crop Dusters, Inc.", adopted by the Board on January 16, 1987, is hereby rescinded.

6. Discharger shall submit a written report to the Executive Officer not later than January 2, 1997, that addresses:

- a. Whether there will be changes in the continuity, character, location, or volume of waste over the next five years; and,
- b. Whether, in the Discharger's opinion, there is any portion of the Order that is incorrect, obsolete, or otherwise in need of revision.

I, WILLIAM R. LEONARD, 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, Central Coast Region, on July 10, 1992.


EXECUTIVE OFFICER

July 10, 1992
Date

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL COAST REGION**

MONITORING AND REPORTING PROGRAM NO. 92-48

For
**R & S CROP DUSTERS, INC.,
SANTA MARIA, SANTA BARBARA COUNTY**

WASTE DISPOSAL/REUSE MONITORING

Waste shall be monitored and records kept of waste handling as follows:

1. Volume of liquid and solid Group I waste transported and disposed offsite shall be recorded. Disposal site(s) shall be properly identified.
2. Volume of fertilizer residues disposed offsite during the previous quarter (including those applied to farmlands) shall be recorded.
3. All significant spills and subsequent cleanup actions shall be documented.
4. At least annually, fertilizer rinsewater disposed/reused offsite shall be sampled and analyzed for nutrient constituents and site specific pesticide residues.

GROUND WATER MONITORING

When ground water monitoring wells have been constructed onsite they shall be sampled and analyzed as follows:

Prior to sampling, ground water elevations shall be measured. Wells shall then be purged at least four saturated casing volumes and allowed to recover. After the wells have recovered, representative samples shall be taken and analyzed for the four major pesticide groups and fertilizer nutrients. Depending on the results, subsequent samples may be analyzed for site specific compounds. Following the initial sampling, samples shall be collected in April and October of each year.

REPORTING

Quarterly monitoring reports shall be submitted by the 20th of February, May, August, and November. The reports shall contain all data from the above monitoring for the previous three months. Laboratory analysis sheets for ground water monitoring and fertilizer rinsate monitoring shall be submitted with the analytical data.

Discharger shall annually (February 20) report the status of the Operating Plan and its compliance with the Plan.

All reports required in this monitoring and reporting program are required pursuant to Water Code Section 13267.

ORDERED BY William B. Leonard
Executive Officer

July 10, 1992
Date

**REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL COAST REGION**

**MONITORING AND REPORTING PROGRAM NO. 92-48
(REVISED OCTOBER 10, 1997)**

**FOR
R & S CROP DUSTERS, INC.,
SANTA MARIA, SANTA BARBARA COUNTY**

WASTE DISPOSAL/REFUSE MONITORING

The following shall be reported annually by January 20 to the Board:

1. Volume of liquids and solids containing Group I waste that are transported and disposed offsite. Disposal site(s) shall be identified.
2. Volume of fertilizer residues or rinsewater disposed offsite (including that applied to farmlands). Disposal site(s) shall be identified.
3. Records of all onsite spills of pesticides, herbicides, fertilizers, and other chemicals and subsequent cleanup actions.
4. Results of analysis of fertilizer rinsewater disposed offsite for nutrient constituents and site specific pesticide residues. The analysis shall be conducted at least annually, when there is offsite wastewater disposal.

REPORTING

Monitoring reports shall be submitted annually on the 20th day of January. The annual reports shall contain the following:

1. responses to each of the four reporting items listed above. Analytical data including the analytical method used, and
2. copies of certified analytical reports for all analyses.

The submittal of annual reports specified in this Monitoring and Reporting Program are required pursuant to California Water Code Section 13267.


Executive Officer

10-10-97
Date