

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

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

ORDER NO. 92-76

**WASTE DISCHARGE REQUIREMENTS
FOR
WESTERN FARM SERVICE, INC.,
SANTA MARIA, SANTA BARBARA COUNTY**

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

1. Western Farm Service, Inc. (hereafter Discharger) owns and operates a pesticide/fertilizer sales and application business at 1335 West Main, Santa Maria, California 93454. The facility is located in the SE 1/4 of Section 9, T10N, R34W, SB B&M, shown in Attachments "A" and "B". The land owner is Celilia M. Clare, Post Office Box 186, Santa Maria, CA 93456.
2. Discharger sells pesticides and fertilizers and applies them to agricultural farmlands using ground application equipment.
3. Domestic wastes are discharged to the City of Santa Maria wastewater collection 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. 86-256, adopted by the Board on November 14, 1986.
5. Little information is available regarding lithology beneath the site, but in general, the site consists of volcanically altered bedrock overlain by alluvium. Depth of the alluvium exceeds 150 throughout the Santa Maria Valley.
6. Well logs within the general area of the facility indicates the water level is about 120 feet below ground surface. The producing aquifer is unconfined and is believed to move in a westerly direction.
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 provisions of the California Environmental Quality Act (Public Resources Code, Section 21000, et seq.) in accordance with Sections 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 the 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, Western Farm Service, 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 a 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. 92-76," as specified by the Executive Officer.
5. Order No. 86-256, "Waste Discharge Requirements for Western Farm Service, Inc., Santa Maria," adopted by the Board on November 14, 1986, 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. 92-76
(REVISED MAY 24, 1999)

FOR
WESTERN FARM SERVICE, INC.
SANTA MARIA
SANTA BARBARA COUNTY

WASTE DISPOSAL AND SPILL MONITORING

The following items 1 through 4 shall be monitored and reported **annually** by **November 30**:

1. Volume of liquids and solids containing hazardous wastes 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. Report to Board staff within four hours all chemical spills that could adversely affect surface or ground water quality.
4. Results of analysis of fertilizer rinsewater disposed offsite for nutrient constituents and site specific pesticide residues (use EPA Method 640 for carbamates, EPA Method 8080 for organochlorine pesticides, and EPA Method 8140 for organophosphorous pesticides or equivalent methods). **The analysis shall be conducted at least annually, when there is offsite disposal.** Samples shall be collected from the first batch of rinsewater disposed offsite during the calendar year. Laboratory analytical data shall be submitted with monitoring reports.

Field records or logs used for tracking the above listed items must be maintained onsite and made available to Board staff for review upon request.

PAVEMENT AND SUMPS MONITORING

Conduct a thorough inspection of all paved areas and wastewater sumps that maybe impacted by liquid fertilizer spills, washwater, and contaminated storm runoff at least **every six months**. The paved areas and sumps shall be inspected for cracks and holes that allow the discharge of spilled fertilizer, other farm chemicals, or wastewater to the soil and ground water. Results of the inspection shall be recorded and reported annually by **November 30**.

BEST MANAGEMENT PRACTICES MONITORING

Discharger shall report implementation of the **March 12, 1999, Best Management Practices (BMP) for Dry and Liquid Fertilizers for Western Farm Service, Inc., Facilities** submitted by Nancy Bishop, Western Farm Service Manager – Environment, Health and Safety. The BMP details the procedures being implemented at the facility to prevent soil, surface water, and ground water contamination. Status of BMP implementation shall be reported annually by **November 30**.

GROUND WATER MONITORING

Prior to sampling, ground water elevations and depth to ground water shall be measured. Wells shall then be purged until pH, temperature, dissolved oxygen (DO) and electrical conductivity reach a steady state (i.e. are

reproducible within 10 percent), and a minimum of three casing volumes have been removed. Alternative well purging techniques, with technical justification demonstrating equivalency, may also be used. Once recovered, wells shall be sampled and analyzed in accordance with Table 1 below.

Table 1

WELL NO.	CONSTITUENT	UNIT	FREQUENCY
MW-1, MW-2, & MW-3	Depth to ground water	Feet	Semi-annually in Apr and Oct
	Ground water elevation	Feet	Semi-annually in Apr and Oct
	Nitrate as Nitrogen	mg/l	Semi-annually in Apr and Oct
MW-2 & MW-3	Site specific pesticides and herbicides (If detected additional wells may be required for sampling).	µg/l	April 2000 and every five years thereafter.

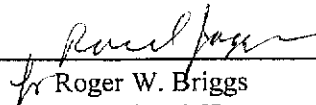
REPORTING

Monitoring reports shall be submitted **semi-annually** on the **30th day of May and November** and shall contain information collected during the previous semi-annual period (November-April, May-October). The reports shall include the following:

1. Tabular field sampling data for each well sampled, such as volume of purge water, time, temperature, conductivity, pH, and DO;
2. Copies of certified analytical reports and chain of custody forms for all analyses;
3. Maps showing nitrate concentrations, calculated potentiometric surfaces, and ground water flow direction;
4. Graphs of nitrate concentrations versus time and ground water level versus time in monitoring wells with sufficient data;
5. Historic and current ground water electronic data (use floppy disk) in spreadsheet format using Excel, or equivalent program, to facilitate statistical data analysis;
6. Monitoring well construction details (well ID, casing diameter, casing material, boring diameter, total depth, top of casing elevation, screen interval), ground water elevation, and depth to ground water in tabular form;
7. An evaluation and interpretation of all available data; and
8. Reporting information required by **Waste Disposal and Spill Monitoring, Pavement and Sumps Monitoring, and Best Management Practices Monitoring** listed above in the **November 30** report.

The monitoring reports shall be signed by a principal executive officer of the company of at least the level of a vice president or their "duly authorized representative." In addition, the ground water monitoring portion of the report shall be signed and stamped by a registered professional attesting, under penalty of perjury, that the report is true and accurate. Submittal of the semi-annual reports specified in this Monitoring and Reporting Program is required pursuant to California Water Code Section 13267.

ORDERED BY


 Roger W. Briggs
 Executive Officer

5-24-99

Date