

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

MONITORING AND REPORTING PROGRAM NO. R3-2005-0001

Modified

For

WESTERN FARM SERVICE – SANTA MARIA, MAIN STREET

**FERTILIZER AND PESTICIDE HANDLING FACILITIES
IN THE CENTRAL COAST REGION**

WASTE DISPOSAL AND SPILL MONITORING

The Discharger shall document the following information:

1. Volumes of liquids and solids classified as hazardous wastes that are transported and disposed of outside of the facility. The disposal sites shall be identified by address or location, and the date of disposal shall be noted.
2. Volumes of fertilizer residues (storage tank or sump bottom sludge) or rinsewater used at the facility for irrigation or used for off-site application to farmlands. Disposal and reuse sites shall be identified, address or location provided, and date of disposal noted.
3. Records of all on-site spills of pesticides, herbicides, fertilizers, and other chemicals that have reached surface water or spilled on permeable surfaces. The Discharger shall notify the Regional Board by telephone at (805) 549-3147 within 24 hours of any spill that could adversely affect surface or groundwater quality.

The Discharger shall sample rinsewater or residues applied at the facility or to off-site farmlands as follows:

1. Rinsewater or residues shall be analyzed at least once per year (when there is application) for nutrient constituents (total nitrogen, potassium, and phosphate) and site-specific pesticides residues (use EPA Method 640 for carbamates, EPA Method 8080 for organochlorine pesticides, and EPA Method 8140 for organophosphorous pesticides, or equivalent approved methods). Samples shall be collected from the first batch of rinsewater or residues applied during the calendar year. Laboratory analytical data shall be submitted with monitoring reports.

Field records or logs used for tracking the above-listed items shall be maintained at the facility and made available to Regional Board staff for review upon request.

PAVED AREAS AND SUMPS AND MANAGEMENT PRACTICE MONITORING

The Discharger shall conduct a thorough monthly inspection of all paved areas and wastewater sumps for cracks, holes or surface deterioration that could allow the discharge of liquid fertilizer or pesticide spills, rinsewater, other farm chemicals, and contaminated storm runoff to soil or groundwater. Cracks, holes and surface deterioration shall be fixed immediately upon discovery. Results of inspections and a description of the corrective actions shall be included in semiannual reports.

During the monthly inspections, the Discharger shall review the Management Practices specified in the General Order and in the Pollution Prevention Plan required by the General Order. Discharger shall note proper implementation of and any cases of noncompliance with the MPs. Actions taken by the Discharger to correct noncompliance with MPs shall be documented in the semiannual reports submitted to the Regional Board.

GROUNDWATER MONITORING

Prior to sampling, groundwater elevations and depth to groundwater 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 groundwater Groundwater elevation Nitrate as Nitrogen	Feet Feet mg/L	April 2008 and every two years thereafter
MW-2 & MW-3	Site-specific pesticides and herbicides (If detected, additional wells may be required for sampling).	µg/L	April 2010 and every five years thereafter

REPORTING

The Discharger shall submit monitoring reports semiannually by May 30 and November 30 of each year. Monitoring reports shall contain results of the **Waste Disposal And Spill Monitoring** and **Paved Areas and Sumps and MPs Monitoring**. Monitoring reports shall be submitted using the Regional Board transmittal sheet (Attachment D).

The monitoring reports shall be signed by a principal executive officer of the company or a representative authorized in writing. Submittal of the semiannual reports specified in this Monitoring and Reporting Program is required pursuant to California Water Code Section 13267.

ORDERED BY: 
 Roger W. Briggs, Executive Officer
9-27-05
 Date