

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION**

**ORDER NO. 88-101
WASTE DISCHARGE REQUIREMENTS
FOR
FARMERS AERIAL SERVICE
PESTICIDE WASTE DISPOSAL FACILITY
Blythe - Riverside County**

The California Regional Water Quality Control Board, Colorado River Basin Region, finds that:

1. Farmers Aerial Service, Inc. (hereinafter referred to as the discharger), P.O. Box 915, Blythe, California, 92226, provided updated information for the discharge of wastewater on April 25, 1988.
2. The discharge from this operation has been subject to waste discharge requirements in Board Order No. 79-38, adopted on March 14, 1979.
3. The discharger previously discharged 100 gallons-per-day of wastewater containing pesticide spray residue from aircraft of commercial pesticide application operation. Wastewater had been collected on a concrete washpad and drained into an impervious holding tank and was sprayed via a sprinkler system over a land area.
4. The discharger is currently discharging an average of 500 gallons per month of wastewater containing pesticide spray residue from aircraft of a commercial pesticide application operation. Fresh water is pumped into aircraft reservoirs to wash the residue of pesticides. Wastewater then drains from the reservoirs through a hose into above ground tanks. Wastewater in the above ground tanks is then used as mix water and sprayed over agricultural fields.

Water used for rinsing aircraft and trucks drains from a concrete washpad onto the ground surface. The operation site is located in the SE 1/4 of the SW 1/4 of Section 29, T6S, R22E, SBB&M.

5. On September 17-18, 1985, the United States Environmental Protection Agency (EPA) inspected Farmers Aerial Service facility and obtained soil samples. In a letter dated June 12, 1986, EPA notified the California Department of Health Services that the facility is in violation of the Resource Conservation and Recovery Act (RCRA).
6. The discharger has discontinued discharging wastewater via the sprinkler system.
7. The Water Quality Control Plan for the Colorado River Basin Region of California was adopted by the Board on November 14, 1984.
8. The Basin Plan identifies the beneficial uses of ground waters in the Colorado Hydrologic Unit as:

- a. Municipal
- b. Industrial
- c. Agricultural

*6-25-97
Rescinded
by order #
97-075*

9. Section 2522, Subchapter 15, Chapter 3, Title 23 of the California Code of Regulations, states that:

"(a) Designated waste is:

(1) nonhazardous waste which consists of or contains pollutants which under ambient environmental conditions at the waste management unit, could be released at concentrations in excess of applicable water quality objectives, or which could cause degradation of waters of the state.

(2) hazardous waste which has been granted variance from hazardous waste management requirements pursuant to Section 66310 of Title 22 of this Code.

(b) Wastes in this category shall be discharged only at Class I waste management units or at Class II waste management units which comply with the applicable provisions of this subchapter and have been approved for containment of the particular kind of waste to be discharged. Decomposable wastes in this category may be discharged to Class I or II land treatment waste management units."

10. A land treatment facility is defined in Section 2601 of Article 10, Subchapter 15, Chapter 3, Title 23 of the California Code of Regulations as:

"...a waste management unit at which liquid and solid waste is discharged to, or incorporated into, soil for degradation, transformation, or immobilization".

11. Section 2550 (a), Subchapter 15, Chapter 3, Title 23 of the California Code of Regulations states in part that:

"...owners and operators of new and existing land treatment facilities shall monitor ground water, surface water, and the unsaturated zone according to the provisions of this article".

12. Section 2532(b)(5), Article 3, Subchapter 15, Chapter 3, Title 23 of the California Code of Regulations states in part that:

"...Dischargers who treat or dispose of wastes in land treatment waste management units shall demonstrate, prior to application of the waste, that waste can be completely degraded, transformed, or immobilized in the treatment zone. ...The maximum depth of the treatment zone shall not exceed 5 feet from the initial soil surface".

13. Section 2584, Subchapter 15, Chapter 3, Title 23 of the California Code of Regulations, states that:

"(a) During the closure and post-closure period, the discharger shall

(1) continue all operations necessary to maximize degradation, transformation, or immobilization of waste constituents within the treatment zone

(2) continue all ground water and unsaturated zone monitoring in compliance with Article 5 of this subchapter

(3) continue all operations in the treatment zone to prevent runoff of waste constituents

(4) maintain the precipitation and drainage control systems."

14. The Board has notified the discharger and interested agencies and persons of its intent to update waste discharge requirements for the discharge.
15. The Board in a public meeting heard and considered all comments pertaining to the existing discharge.
16. These waste discharge requirements govern an existing facility, which the discharger is currently operating, and therefore is exempt from the provisions of the California Environmental Quality Act in accordance with Section 15301, Chapter 3, Title 23 of the California Code of Regulations.

IT IS HEREBY ORDERED, the discharger shall comply with the following:

A. Discharge Specifications

1. Neither the treatment nor the discharge of wastewater shall create pollution or nuisance as defined in Division 7 of the California Water Code.
2. No wastewater other than that described in Finding No. 4, above, shall be discharged into the above ground tanks.
3. There shall be no overflow of wastewater from the above ground tanks.
4. There shall be no ponding of wastewater on the ground surface.
5. Empty pesticide containers shall be adequately rinsed and discharged at a disposal site approved by the Regional Board to accept this type of waste material.
6. There shall be no surface flow of wastewater away from the area designated.
7. Prior to the removal of any pesticide wastes from the site, the discharger shall notify the Regional Board. The disposal location shall be at a site approved by the Regional Board to accept this type of waste material.

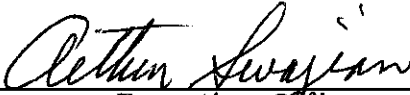
B. Provisions

1. Prior to any modification in this facility which could result in material change in the type or quantity of wastewater discharged, or any material change in location of discharge, the discharger shall report in writing to the Regional Board.

2. In the event of any change in control or ownership of land or waste disposal facilities owned or controlled by the discharger, the discharger shall:
 - a. Notify the Regional Board of such change; and
 - b. Transmit a copy of this Order to the succeeding owner or operator, and file a copy of the transmittal letter with this Regional Board.
3. The discharger shall comply with the "Monitoring and Reporting Progm No. 88-101" and future revisions thereto, as specified by the Executive Officer.
4. The discharger shall demonstrate that degradation, transformation, or immobilization will take place in the treatment zone for the discharge of wastewater to land in accordance with Section 2532(b)(5), Article 3, Subchapter 15, Chapter 3, Title 23 of the California Code of Regulations.
5. By September 1, 1988, the discharger shall submit to the Regional Board a proposal for monitoring the ground water and the unsaturated zone for all the affected land area.
6. By December 1, 1988 the discharger shall begin monitoring the ground water and the unsaturated zone on a continuous basis in accordance with Section 2550(a), Article 5, Subchapter 15, Chapter 3, Title 23 of the California Code of Regulations.
7. By December 1, 1988 the discharger shall submit to the Regional Board a technical report prepared by a California Registered Civil Engineer or a California Registered Engineering Geologist. Said report should include as a minimum the following:
 - a. A delineation of the soil and ground water affected by pesticides discharged onto the land area.
 - b. A plan and time schedule for review and approval by the Executive Officer for closure of the land area where the waste water discharge was discontinued. This is in accordance with Section 2584, Subchapter 15, Chapter 3, Title 23 of the California Code of Regulations.
8. By March 1, 1989 the discharger shall begin closure work on the land treatment facility in accordance with the approved plan of closure. Completion of closure shall be by June 1, 1989 unless the submitted and approved technical report, requested in Provision No. 7, indicates need for an extended closure date.
9. This Order does not authorize violation of any Federal, State, or local laws and regulations.

IT IS FURTHER ORDERED THAT: Board Order No. 79-38 be superseded by this Order.

I, Arthur Swajian, 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, Colorado River Basin Region, on JUN 30 1988.


Executive Officer

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION**

**MONITORING AND REPORTING PROGRAM NO. 88-101
FOR
FARMERS AERIAL SERVICE
PESTICIDE WASTE DISPOSAL FACILITY
Blythe - Riverside County**

Location of Discharge: SE $\frac{1}{4}$ of SW $\frac{1}{4}$ of Section 29, T6S, R22E, SBB&M

MONITORING

The discharger shall report to the Regional Board concerning the following:

1. Quantity of wastewater discharged to above ground tanks - report quarterly in gallons.
2. Quantity of wastewater discharged to land - report quarterly in gallons.
3. Changes or problems in the wastewater disposal operations during the preceding quarter.

REPORTING

1. By September 1, 1988 the proposal required in Provision No. 5 of Order No. 88-101, regarding the monitoring of ground water and the unsaturated zone.
2. By December 1, 1988, the technical report required in Provision No. 7 of Order No. 88-101, regarding delineation of soil and ground water affected, and the plan and time schedule for closure of said land area.
3. By March 1, 1989, a report indicating that closure work has begun as required in Provision No. 8 of Order No. 88-101, with quarterly progress report thereafter.

Quarterly monitoring reports shall be submitted to the Regional Board by January 15, April 15, July 15, and October 15 of each year.

Submit monitoring reports to:

California Regional Water Quality Control Board
Colorado River Basin Region
73-271 Highway 111, Suite 21
Palm Desert, CA 92260

ORDERED BY:

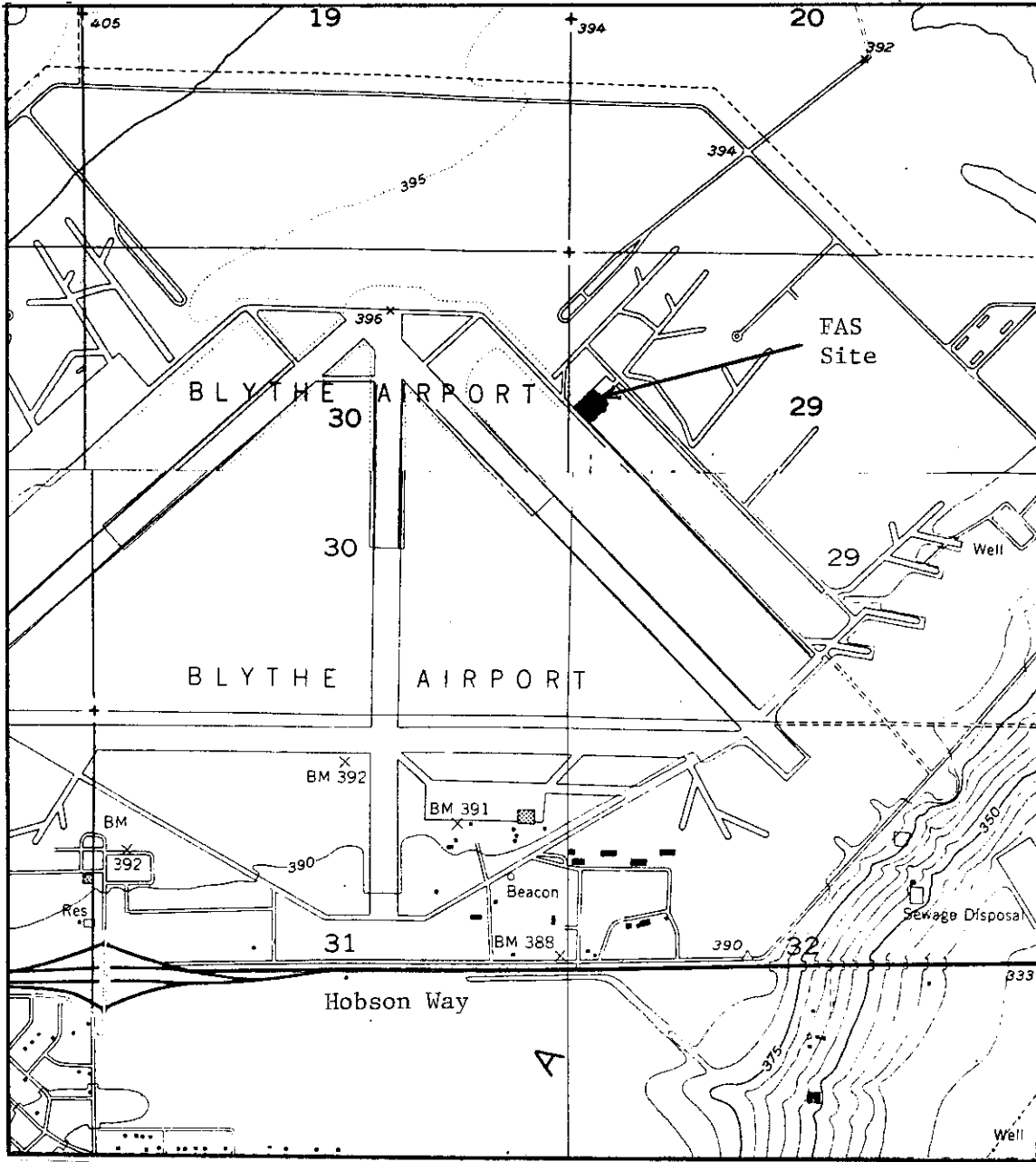
Arthur Swearing

Executive Officer

July 15, 1988

Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - 7



SITE MAP

FARMERS AERIAL SERVICE
PESTICIDE WASTE DISPOSAL FACILITY
Blythe - Riverside County
SW $\frac{1}{4}$ of the NW $\frac{1}{4}$ of Section 29, T6S, R22E, SBB&M
U.S.G.S. McCoy Wash and Ripley Topographic Maps

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