

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

ORDER NO. 88-97

**WASTE DISCHARGE REQUIREMENTS
FOR
FRONTIER AGRICULTURAL SERVICE
PESTICIDE WASTE DISPOSAL FACILITY
Calexico - Imperial County**

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

1. Frontier Agricultural Service (hereinafter referred to as the discharger), 304 Weed Road, Calexico, California 92231, provided updated information for the discharge of wastewater on March 11, 1988.
2. In July 1987, the discharger ceased discharge of wastewater into a surface impoundment at this facility.
3. The discharger is discharging approximately 500 gallons per week of wastewater containing pesticide spray residue from aircraft of a commercial pesticide application operation. The wastewater drains from a concrete washpad into a sump from which it is then pumped into an above ground tank. Wastewater in the above ground tank is then used as mix water to the pesticides and sprayed over agricultural fields. The operation site is located in the NW $\frac{1}{4}$ of Section 17, T17S, R14E, SBB&M.
4. The discharger from this operation has been subject to waste discharge requirements adopted in Board Order No. 74-106.
5. By letter dated September 3, 1987 the discharger was requested to submit a hydrogeological assessment report (HAR) to the Regional Board in accordance with Section 25208.7, Article 9.5, Chapter 6.5, Division 20 of the Health and Safety Code (HSC), also known as the Toxic Pits Cleanup Act (TPCA).
6. A preliminary site assessment report dated June 30, 1987 was received in this office on August 3, 1987. The analyses results presented in the report indicates that DDT is present at hazardous concentrations. Furthermore, analyses results presented on January 27, 1988 indicates that DDT is not present at hazardous concentrations.
7. On April 11, 1988, Regional Board staff met with the discharger to discuss the applicability of TPCA. As a result of the meeting, staff determined that the site is not subject to TPCA.
8. The Water Quality Control Plan for the Colorado River Basin Region of California was adopted by the Board on November 14, 1984.
9. The beneficial uses of ground water of the Imperial Hydrologic Subunit are:
 - a. Municipal supply
 - b. Industrial supply

*Revised
by Bd. Order
94-065
6/29/94*

However, shallow ground waters at the discharge location are saline and not beneficially used.

10. Section 2582, Subchapter 15, Chapter 3, Title 3 of the California Code of Regulations states:

"(a) All free liquid remaining in a surface impoundment at the time of closure shall be removed and discharged at an approved waste management unit. All residual waste shall be treated to eliminate free liquid.

"(b) Following removal and treatment of liquid waste, impoundments shall be closed in one of two ways, as approved by the regional board:

- (1) All residual wastes, including sludges, precipitates, settled solids, and liner materials contaminated by wastes, shall be completely removed from the impoundment and discharged to an approved waste management unit. Remaining containment features shall be inspected for contamination and, if not contaminated, may be dismantled. Any natural geologic materials beneath or adjacent to the closed impoundment that have been contaminated shall be removed for disposal at an appropriate waste management unit. If, after reasonable attempts to remove such contaminated materials, the discharger demonstrates that removal of all remaining contamination is infeasible, the waste management unit shall be closed as a landfill pursuant to Section 2581 of this article.

- (2) All residual wastes, including sludges, precipitates, settled solids, and liner materials, shall be compacted, and the waste management unit shall be closed as a landfill pursuant to Section 2581 of this article, provided that the closed waste management unit meets applicable standards for landfill waste management units in Articles 3 and 4 of this subchapter, and further provided that the moisture content of residual wastes, including sludges, does not exceed the moisture-holding capacity of the waste either before or after closure. Surface impoundments which contain only decomposable wastes at closure may be closed as land treatment facilities under Subsection 2584 (a)(2), (3), and (4) of this article."

11. The Board has notified the discharger and interested agencies and persons of its intent to update waste discharge requirements for the discharge.
12. The Board in a public meeting heard and considered all comments pertaining to the existing discharge.
13. 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 14 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. 3 above shall be discharged into said above ground tank.
3. None of the wastewaters defined in Finding No. 3 above shall be discharged onto the ground surface, except onto the concrete washpad or as spray on agricultural fields.
4. Discharge of pesticide wastes other than wastewater described in Finding No. 3 above is prohibited at the site.
5. There shall be no ponding of wastewater on the concrete washpad.
6. The on-site storage of waste materials and containers containing pesticides, other than temporary storage for operational purposes, is prohibited at this site.
7. 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.

B. Provisions

1. Prior to any modifications in this facility which would result in material change in the quality or quantity of wastewater discharged, or any material change in location of discharge, the discharger shall report in writing to the Regional Board.
2. The discharger shall comply with "Monitoring and Reporting Program No. 88-97, and future revisions thereto, as specified by the Executive Officer.
3. The discharger shall submit to the Regional Board a report describing the design of the current discharge operation by August 30, 1988. The report should demonstrate adequate protection against an overflow of wastewater from the above ground tank and the sump.
4. The discharger shall submit to the Regional Board a technical report prepared by a California Registered Civil Engineer or a California Certified Engineering Geologist by October 15, 1988. Said report should include as a minimum the following:
 - a. A delineation of the soil and ground water affected by pesticides discharged into the surface impoundment.
 - b. A plan and time schedule for review and approval by the Executive Officer for closure of the surface impoundment in accordance with the Surface Impoundment Closure Requirements, Section 2582, Subchapter 15, Chapter 3, Title 23 of the California Code of Regulations.

5. By January 15, 1989 the discharger shall begin closure work on the surface impoundment in accordance with the approved plan of closure. Completion of closure shall be by April 15, 1989 unless the submitted and approved report indicates need for an extended closure date.
6. In the event of any change in operation, or in control or ownership of land or waste disposal facilities owned or controlled by the discharger, the discharger shall:
 - a. Notify this 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 Board.
7. This Order does not authorize violation of any federal, state or local laws and regulations.

IT IS FURTHER ORDERED THAT: Board Order No. 74-106 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. 88-97
FOR
FRONTIER AGRICULTURAL SERVICE
PESTICIDE WASTE DISPOSAL FACILITY
Calexico - Imperial County

Location of Discharge: NW $\frac{1}{4}$, Section 17, T17S, R14E, SBB&M

MONITORING

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

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

REPORTING

1. By August 30, 1988, the report required in Provision No. 3 of Order No. 88-97 regarding design of the current discharge operation.
2. By October 15, 1988, the technical report required in Provision No. 4 of Order No. 88-97, regarding the delineation of soil and ground water affected, and a plan and time schedule for closure of the surface impoundment.
3. By January 15, 1989, a report indicating that closure work has begun under Provision No. 5 of Order No. 88-97, with quarterly reports 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:

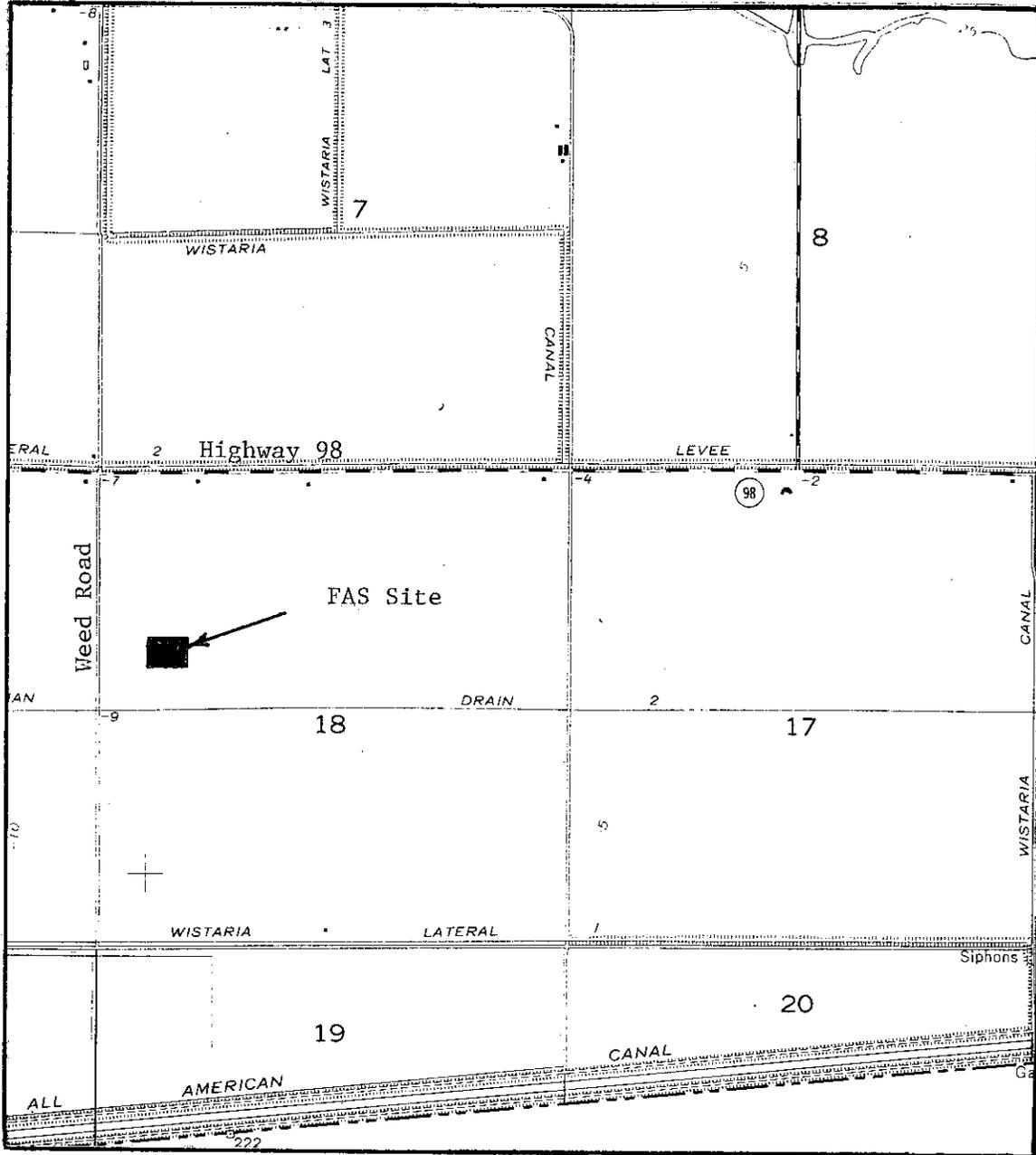
California Regional Water Quality Control Board
Colorado River Basin Region
73-271 Highway 111, Suite 21
Palm Desert, CA 92260

ORDERED BY:

Arthur Seojian
Executive Officer

July 15, 1988
Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - 7



SITE MAP

FRONTIER AGRICULTURAL SERVICE
PESTICIDE WASTE DISPOSAL FACILITY
Calexico - Imperial County
NW $\frac{1}{4}$, Section 17, T17S, R14E, SBB&M
Heber Topographic Map

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