

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

ORDER NO. 88-99

WASTE DISCHARGE REQUIREMENTS
FOR
CYR AVIATION, INC.
PESTICIDE WASTE DISPOSAL FACILITY
Blythe - Riverside County

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

1. Cyr Aviation, Inc. (hereinafter referred to as the discharger), mailing address 491 Holley Lane, Blythe, California 92225, discharges pesticide spray residue and rinsewater from aircraft and vehicles onto property located at 15401 South Lovekin, Blythe, CA 92225.
2. The Board previously established waste discharge requirements for this discharge in Board Order No. 74-18, adopted on February 14, 1974.
3. This Order is partially being issued for compliance with the applicable requirements of Section 2510 through 2610, Chapter 3, Title 23, California Code of Regulations (Subchapter 15).
4. The discharger provided updated information in a letter dated March 29, 1988.
5. According to the discharger, approximately 300 gallons-per-month of pesticide rinsewater is discharged. Aircraft and support equipment are rinsed off on a concrete washpad. The rinsewater drains into a concrete sump located in the center of the washpad. The rinsewater from the sump flows through piping into a concrete settling chamber. The concrete settling chamber contains a baffle which divides the chamber in half. The rinsewater enters the east half of the chamber and spills over the baffle into the west chamber. From this chamber the rinsewater is pumped through piping 500 feet to the south. The rinsewater is forced through a sprinkler onto a fenced circular area consisting of native soils mixed with animal manure. The disposal area is periodically disked with a tractor and is in the NE $\frac{1}{4}$, SE $\frac{1}{4}$, Section 6, T7S, R23E, SBB&M.
6. "Fresh water rinsers" are used for rinsing the interior of pesticide containers. The rinsate from the containers drains into mix tanks and then is pumped into the airplane spray tanks. This rinsewater is then sprayed onto the fields on which the pesticides are applied.

When airplane spray tanks need to be rinsed, they are filled with fresh water. This water is then sprayed onto the last field onto which the pesticide had been applied.

7. The Water Quality Control Plan for the Colorado River Basin Region of California was adopted by the Board on November 14, 1984.

*Rescinded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

8. The Water Quality Control Plan for the Colorado River Basin Region of California identifies the beneficial uses of ground water in the Colorado Hydrologic Unit as:
 - a. Municipal supply
 - b. Industrial supply
 - c. Agricultural supply
9. On April 13, 1988 a ground water sample was obtained from a 10 feet deep well located at the facility. An analyses for total dissolved solids revealed a concentration of 1,499 mg/l.
10. A land treatment facility is defined in Article 10, Subchapter 15 as "...a waste management unit at which liquid and solid waste is discharged to, or incorporated into, soil for degradation, transformation, or immobilization."
11. Article 2 of said Subchapter 15 contains a waste classification system for wastes that cannot be discharged directly or indirectly into the waters of the state. Included in Article 2, Subchapter 15 are criteria for classifying a waste as one of the following: hazardous waste, designated waste, nonhazardous solid waste, and inert waste.
12. The rinsewater that is generated by washing the exterior of aerial pesticide applicator airplanes is generally not classified by the United States Environmental Protection Agency (EPA) as hazardous.
13. A designated waste is defined in Section 2522 (a), Article 2 of said Subchapter 15 as "...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..."
14. On September 19, 1985, the United States Environmental Protection Agency (EPA) inspected the discharger's facility and obtained soil samples. As a result of analyzing the soil samples, the waste present at the discharge location is considered a hazardous waste by EPA. In correspondence 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).
15. This facility would be classified as a Class II waste management unit in accordance with Section 2532 of said Subchapter 15.
16. Section 2532 (b)(5), Article 3 of said Subchapter 15 states "...the discharger shall operate a test plot for sufficient period to give regional boards a reasonable indication that degradation, transformation, or immobilization will take place in the treatment zone...The maximum depth of the treatment zone shall not exceed 5 feet from the initial soil surface."
17. Section 2550 (a), Article 5 of said Subchapter 15, states, "...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..."
18. The Board has notified the discharger and interested agencies and persons of its intent to update waste discharge requirements for the discharge.

19. The Board in a public meeting heard and considered all comments pertaining to the existing discharge.
20. 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. The on-site storage of waste materials and containers containing pesticides, other than temporary storage for operational purposes, is prohibited at this site.
3. 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.
4. There shall be no surface flow of wastewater away from the area designated for wastewater containment.
5. There shall be no discharge of wastewater to tile drains or to any channel draining to surface waters.
6. The discharge and/or storage of pesticides, pesticidal wastes, or associated chemicals and containers is prohibited at any location not adequately protected against erosion or inundation which could occur as a result of flooding from a maximum storm which has a predicted frequency of once in a 100 year period.
7. There shall be no ponding of wastewater on the concrete washpad.
8. Any sludges or soils affected by pesticides shall be disposed only at sites approved by the Regional Board to accept this type of waste.
9. The placement of wastes onto the discharge location shall be discontinued in accordance with Section 2532 (b)(5) of said Subchapter 15, if technical information shows that the treatment zone exceeds 5 feet from the initial soil surface.
10. The discharger shall comply with the provisions of Section 2584, Article 8 of said Subchapter 15, which requires in part for the discharger during closure to continue:
 - a. All operations necessary to maximize degradation, transformation or immobilization of waste constituents within the treatment zone.
 - b. Monitoring in accordance with Article 5, of said Subchapter 15.
 - c. All operations to prevent runoff of waste constituents.
 - d. Maintenance of precipitation and drainage control systems.

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. 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.
3. The discharger shall comply with the "Monitoring and Reporting Program No. 88-99, and future revisions thereto, as specified by the Executive Officer.
4. The discharger shall comply with the applicable requirements of Subchapter 15, Chapter 3, Title 23, California Code of Regulations.
5. The discharger shall demonstrate whether, and the degree to which, degradation, transformation, or immobilization is taking place in the treatment zone in accordance with Section 2532 (b)(5), Article 3 of said Subchapter 15.
6. For compliance with Provisions 4 and 5 (above), the discharger shall submit by September 1, 1988 a proposal for monitoring the ground and unsaturated zone in accordance with Article 5, of said Subchapter 15. This proposal should include a sampling and an analyses plan.
7. The discharger shall begin monitoring the ground water and the unsaturated zone on a continuous basis by December 1, 1989 in accordance with an approved plan.
8. Closure of the facility shall be in accordance with the applicable requirements of Article 8, of said Subchapter 15.
9. The discharger, when requested by the Regional Board's Executive Officer, shall submit a closure plan in accordance with the applicable requirements of Article 8, of said Subchapter 15. This plan shall contain sufficient information for compliance with Discharge Specification No. 10 (above).
10. This Order does not authorize violations of any federal, state or local laws or regulations.

IT IS FURTHER ORDERED THAT: Board Order No. 74-18 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 1968.



Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 88-99
FOR
CYR AVIATION, INC.
PESTICIDE WASTE DISPOSAL FACILITY
Blythe - Riverside County

Location of Discharge: NE $\frac{1}{4}$, SE $\frac{1}{4}$, Section 6, T6S, R23E, SBB&M

MONITORING

Cyr Aviation, Inc., shall report the following monitoring data to the Regional Board:

1. Quantity of pesticide wastewater discharged during the previous quarter.

REPORTING

1. By September 1, 1988, a proposal to provide the information required in Provision 6 of Order No. 88-99, regarding the monitoring of the ground water and unsaturated zone.
2. By December 1, 1988, a report that monitoring has begun as required in Provision 7 of Order No. 88-99. The constituents to be monitored and the frequency of monitoring will be determined at a later date.

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:

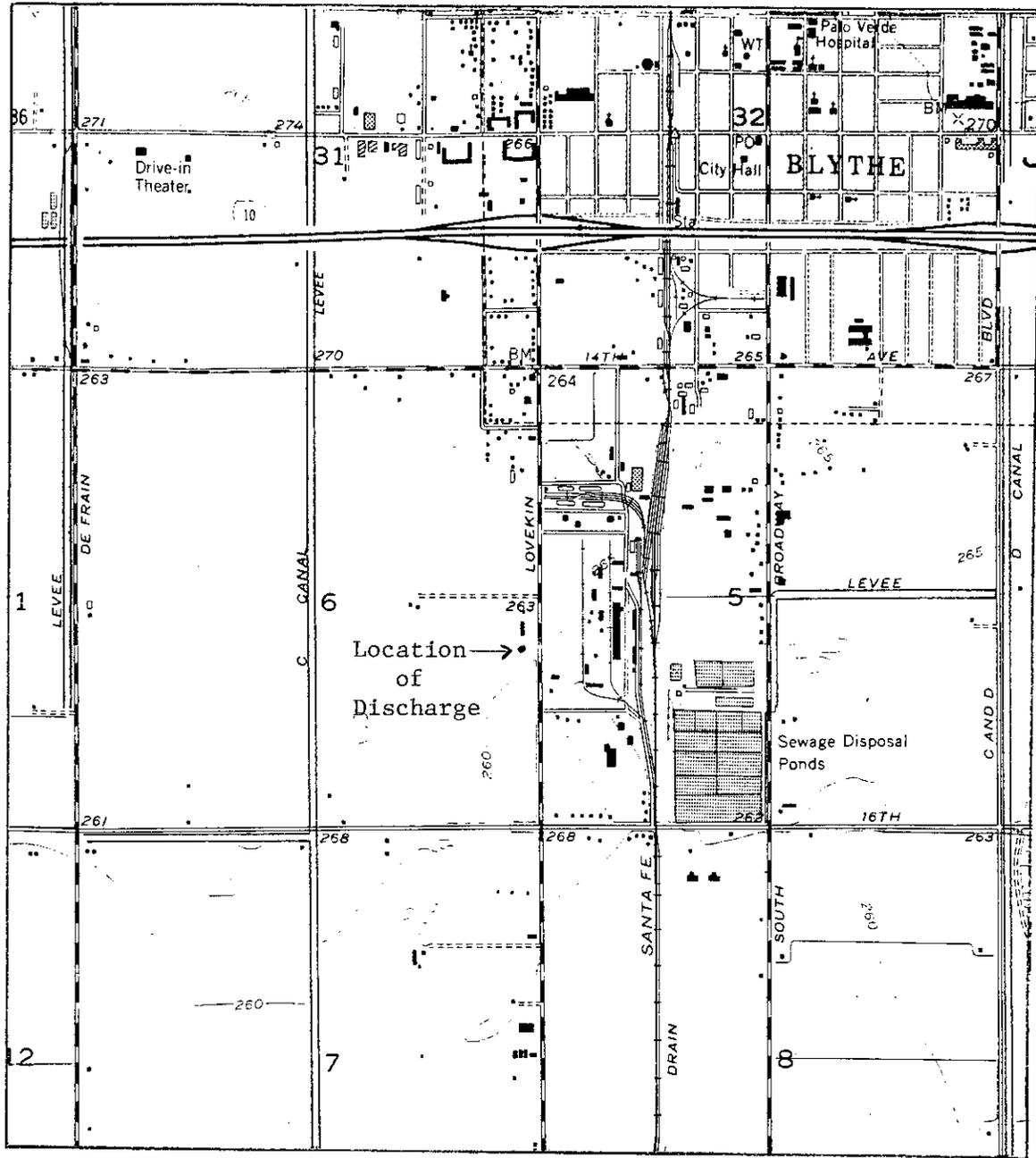
California Regional Water Quality Control Board
Colorado River Basin Region
73-271 Highway 111, Suite 21
Palm Desert, CA 92260

ORDERED BY:

Arthur Severson
Executive Officer

July 15 1988
Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - 7



SITE MAP

CYR AVIATION, INC.
PESTICIDE WASTE DISPOSAL FACILITY
Blythe - Riverside County
NE $\frac{1}{4}$, SE $\frac{1}{4}$, Section 6, T7S, R23E, SBB&M
Blythe, CA 7.5' Topographic Map