

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

ORDER NO. 88-93

**WASTE DISCHARGE REQUIREMENTS
FOR
STOKER COMPANY
PESTICIDE WASTE DISPOSAL FACILITY
Northeast of Imperial - Imperial County**

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

1. Stoker Company (hereinafter referred to as the discharger) discharges pesticide spray residue and rinsewater from aircraft and vehicles onto property located at 3390 Dogwood Road, Imperial, CA 92251. The discharger's mailing address is P.O. Box 907, Imperial, CA 92251.
2. The Board previously established waste discharge requirements for this discharge in Board Order No. 74-101, adopted on October 17, 1974. This order contains requirements for compliance with the applicable portions of Sections 2510 through 2610, Subchapter 15, Chapter 3, Title 23, California Code of Regulations (Subchapter 15).
3. The discharger provided updated information in a letter dated March 14, 1988.
4. Approximately 100 gallons-per-day of pesticide rinsewater drains from three concrete wash pads into three below-ground concrete sumps. The rinsewater from the sumps is pumped into a mobile spray rig, and is sprayed on a 15 to 20 acre disposal area located in the NW $\frac{1}{4}$, Section 33, T14S, R13E, SBB&M.
5. The discharger is considering purchase of a carbon filtration system for the collection and treatment of pesticide rinsewaters.
6. The Water Quality Control Plan for the Colorado River Basin Region of California was adopted by the Board on November 14, 1984.
7. The Water Quality Control Plan for the Colorado River Basin Region of California identified the beneficial uses of ground waters in the Imperial Hydrologic Subunit as municipal and industrial. However, shallow ground waters at the discharge location are generally saline and not beneficially used.
8. The United States Department of Agriculture, Soil Conservation Service, El Centro, provided information on October 5, 1978 showing that the facility is protected from a 100 year, 24 hour precipitation flood.
9. The average annual precipitation at the site is approximately three inches. The average annual evaporation at the site is approximately 100 inches.
10. The United States Department of Agriculture Soil Conservation Service has classified the soils at the site as being the "Imperial-Glenbar silty clay loams, 0-2 percent slopes." Generally these soils are silty clays and correspond to the Unified Soil Classification CH soil. The permeability of CH soils is low.

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11. 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."
12. Waste management units are required by Section 2530, Article 3, Subchapter 15 to be classified according to their ability to contain wastes.
13. Article 2, Subchapter 15 contains a waste classification system for wastes that cannot be discharged directly or indirectly to the waters of the state. Included in Article 2 are criteria for classifying a waste as one of the following: hazardous waste, designated waste, non-hazardous solid waste, or inert waste.
14. Wastes that are generated by washing the exterior of aerial pesticide applicator's airplanes generally are not classified by EPA as hazardous.
15. A designated waste is defined in Section 2522 (a), Article 2, Subchapter 15 as "...non-hazardous 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..."
16. This facility would be classified as a Class II waste management unit in accordance with Section 2532, Article 3, Subchapter 15.
17. Section 2532 (b) (5), Article 3, Subchapter 15, states in part "...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..."
18. Section 2532 (b) (5), Article 3, Subchapter 15 also states that "...the maximum depth of the treatment zone shall not exceed 5 feet from the initial soil surface."
19. Section 2550 (a), Article 5, 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..."
20. Section 2584, Article 8, Subchapter 15 requires the discharger during closure to continue:
 - a. All operations necessary to minimize degradation, transformation, or immobilization of waste constituents within the treatment zone.
 - b. Monitoring in accordance with Article 5, Subchapter 15.
 - c. All operations to prevent runoff of waste constituents.
 - d. Maintaining precipitation and drainage control systems.
21. The Board has notified the discharger and interested agencies and persons of its intent to update waste discharge requirements for the discharge.

22. The Board in a public meeting heard and considered all comments pertaining to the existing discharge.
23. 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. The treatment of wastes at the facility shall not cause pollution or nuisance.
2. 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.
3. There shall be no surface flow of wastewater away from the area designated for wastewater containment.
4. There shall be no discharge of wastewater to tile drains or to any channel draining to surface waters.
5. There shall be no ponding of wastewater on the concrete washpads.
6. Any sludges, soils or any other material affected by pesticides shall be disposed only at sites approved by the Regional Board to accept this type of material.
7. The placement of wastes onto the discharge location shall be discontinued if technical information shows that the treatment zone exceeds 5 feet from the initial soil surface. This is in accordance with Section 2532 (b)(5), Article 3, Subchapter 15.
8. There shall be no blowing of dust containing pesticides off the areas designated for wastewater disposal.
9. Measures shall be taken to prevent dust blowing off the area designated for wastewater disposal.

B. Prohibitions

1. The on-site storage of waste materials and containers containing pesticides, other than temporary storage for operational purposes, is prohibited at this site.
2. 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.

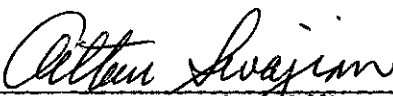
C. Provisions

1. Prior to any modifications in this facility which would 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 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. 88-93, and future revisions thereto, as specified by the Executive Officer.
4. The discharger shall comply with the applicable requirements of Subchapter 15.
5. The discharger shall demonstrate, in accordance with Section 2532 (b) (5), Article 3, Subchapter 15, that degradation, transformation, or immobilization will take place in the treatment zone.
6. The discharger, for compliance with provisions 4 and 5, shall submit to the Regional Board by September 1, 1988 a proposal for monitoring the ground water and unsaturated zone in accordance with Article 5, Subchapter 15. This proposal should include a sampling and analyses plan.
7. The discharger shall by February 1, 1989, begin monitoring on a continuous basis the ground water and unsaturated zone in accordance with an approved plan.
8. The discharger shall close the facility in accordance with the applicable requirements of Article 8, Subchapter 15.
9. The discharger, when requested by the Regional Board's Executive Officer, shall submit a closure plan in accordance with Section 2580, Article 8, Subchapter 15.
10. This Order does not authorize violation of any federal, state or local laws or regulations.

IT IS FURTHER ORDERED THAT: Board Order No. 74-101 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. 88-93
FOR
STOKER COMPANY
PESTICIDE WASTE DISPOSAL FACILITY
Northeast of Imperial - Imperial County

Location of Discharge: NW $\frac{1}{4}$, Section 33, T14S, R13E, SBB&M

MONITORING

Stoker Company 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. 88-93, regarding the monitoring of the ground water and unsaturated zone.
2. By February 1, 1989, a report that monitoring has begun as required in Provision 7 of Order No. 88-93. 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:

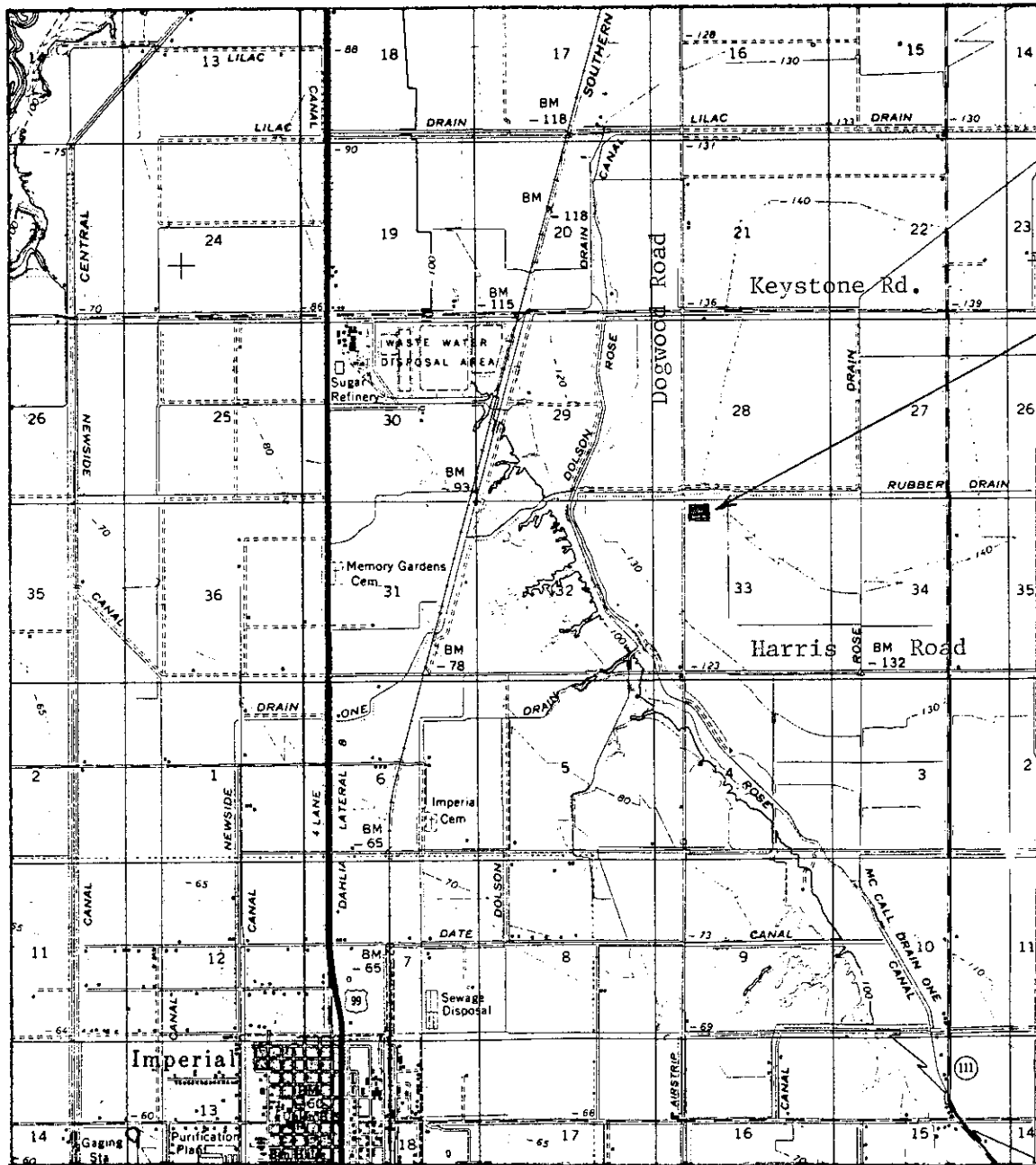
California Regional Water Quality Control Board
Colorado River Basin Region
73-271 Highway 111, Suite 21
Palm Desert, CA 92260

ORDERED BY:

Arthur Swajian
Executive Officer

July 15, 1988
Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - 7



Discharge Location



Scale
1" = 1 Mile

SITE MAP

STOKER COMPANY
 PESTICIDE WASTE DISPOSAL FACILITY
 Northeast of Imperial - Imperial County
 NW 1/4, Section 33, T14S, R13E, SBB&M
 Brawley 15' Topographic Map

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