

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

ORDER NO. 81-55

WASTE DISCHARGE REQUIREMENTS
FOR
AERO CROP DUSTERS, INC.
South of Brawley - Imperial County

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

1. Aero Crop Dusters, Inc. (hereinafter also referred to as the discharger), P.O. Box 1353, Brawley, CA 92227, submitted a report of waste discharge dated March 16, 1981.
2. The discharger is discharging a maximum of 60 gallons-per-day of washwater containing pesticide spray residue from aircraft of a commercial pesticide application operation. The wastewater drains from a concrete washpad into a concrete basin (approximately 40' x 30' x 4') for final disposal by evaporation. The site is located in the SE 1/4 of the SE 1/4 of Section 20, T14S, R14E, SBB&M.
3. The Water Quality Control Plan for the West Colorado River Basin was adopted on April 10, 1975. The Basin Plan contains water quality objectives for Imperial Hydrologic Unit.
4. Shallow groundwaters at the discharge location are saline and are not beneficially used. Deep groundwaters are highly saline and are being investigated for geothermal development.
5. The Board has notified the discharger and interested persons and agencies of its intent to prescribe waste discharge requirements for the discharge.
6. The Board in a public meeting heard and considered all comments pertaining to the discharge.
7. These discharge requirements govern the waste discharge from a commercial pesticide application operation. This activity constitutes only a minor modification to land, and such activity is thereby exempt from the provisions of the California Environmental Quality Act (Public Resources Code, Section 21000 et. seq.) in accordance with Section 15104, Chapter 3, Title 14, California Administrative Code.
8. The discharger has submitted to the Board a letter from the District Conservationist of the United States Soil Conservation Service stating

*Cancelled
5/12/88*

that the pesticide containment facilities are adequately protected against erosion or inundation, which could occur as a result of a flood from a maximum storm which has a predicted frequency of once in a 100 year period.

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

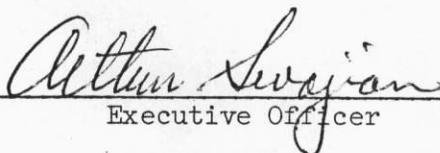
A. Discharge Specifications

1. Neither the treatment nor the discharge of wastewater shall create a pollution or a nuisance as defined in Division 7 of the California Water Code.
2. Wastewater shall be discharged only to the disposal basin designated in Finding No. 2 (above).
3. A minimum depth of freeboard of at least two feet shall be maintained in the basin.
4. Empty pesticide containers shall be discharged only at a Class II-1 disposal site approved by the Regional Board to receive these wastes, unless adequately rinsed in accordance with regulations of the County Agricultural Commissioner. Said containers shall be rendered unusable prior to final disposal.
5. Prior to commencement of disposal of adequately rinsed empty pesticide containers at a Class II-2 disposal site, the discharger shall obtain and submit to the Regional Board a letter from the County Agricultural Commissioner that Aero Crop Dusters, Inc. is equipped with the required empty pesticide container rinsing apparatus, and is employing the procedures for adequate rinsing.
6. The on-site storage of waste materials containing pesticides is prohibited at any location within 150 feet laterally from any drainage channel.
7. 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 a flood from a maximum storm which has a predicted frequency of once in a 100 year period.
8. Adequate facilities and/or measures shall be taken to assure that unauthorized persons and animal pets are effectively excluded from pesticide containment areas and pesticide container storage areas.
9. Any liquids or bottom muds that are periodically removed from the basin shall be discharged only at a Class II-1 disposal site approved by the Regional Board to receive these wastes.

B. Provisions

1. The discharger shall comply with "Monitoring and Reporting Program No. 81-55", and future revisions thereto, as specified by the Executive Officer.
2. Prior to any modifications in this facility which could result in material change in the quality or quantity of wastes discharged, or any material change in location of discharge, the discharger shall report thereon to the Board.
3. In the event of any change in operation, or in control of 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. Notify the succeeding owner or operator by letter of the existence of this Order, a copy of which shall be filed with this Board.

I, Arthur Swajian, Executive Officer, do hereby certify that 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 May 20, 1981.


Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 81-55
FOR
AERO CROP DUSTERS, INC.
South of Brawley - Imperial County

Location of Discharge: SE 1/4 of the SE 1/4 of Section 20, T14S, R14E, SBB&M

MONITORING

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

1. Quantity of pesticidal wastewater discharge to basin - reported quarterly in gallons.

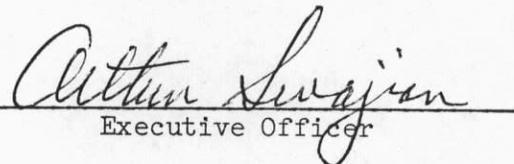
REPORTING

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:

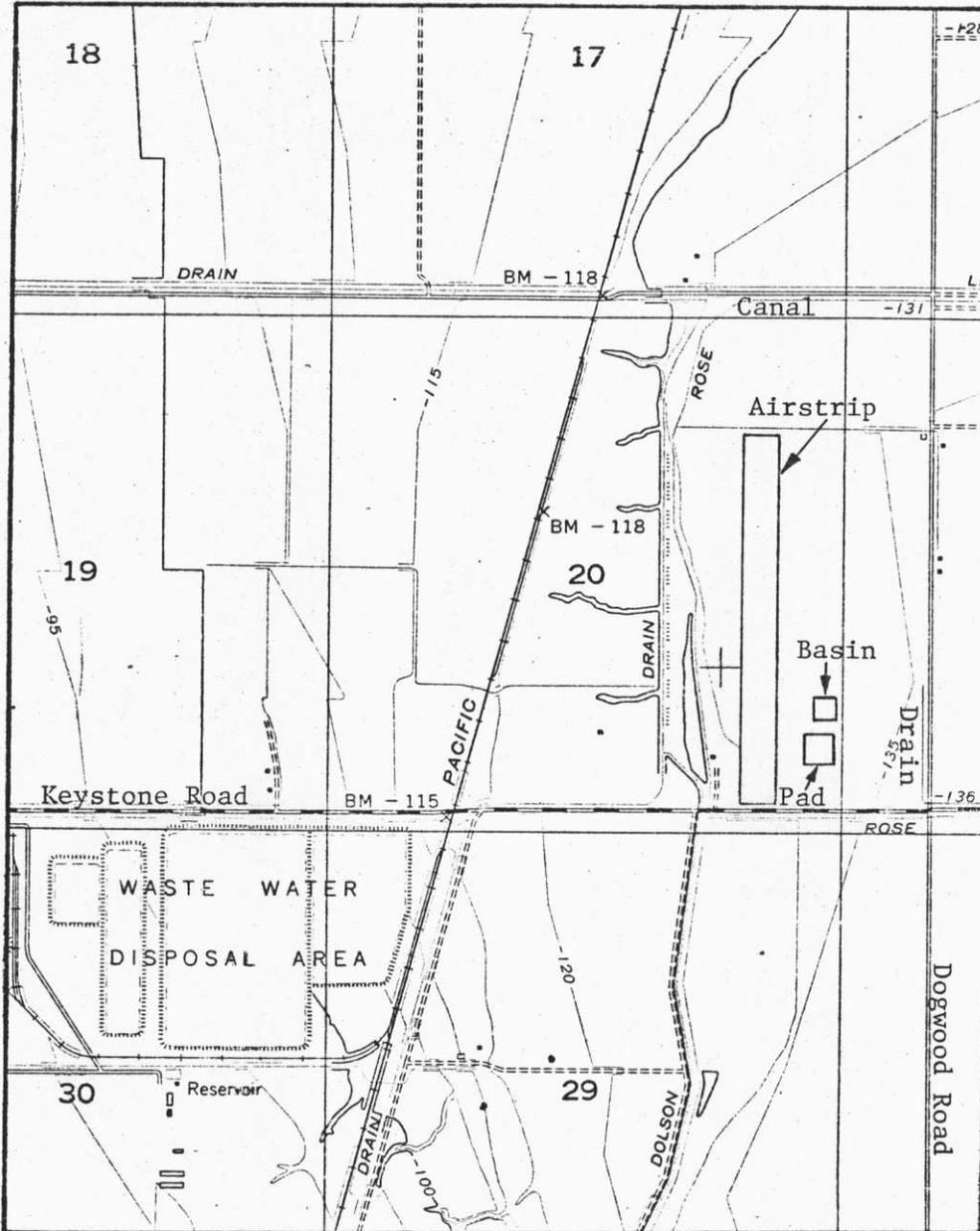
California Regional Water Quality Control Board
Colorado River Basin Region
73-271 Highway 111, Suite 21
Palm Desert, CA 92260

ORDERED BY:


Executive Officer

May 20, 1981

Date



Scale:
1" = 2,000'

SITE MAP
AERO CROP DUSTERS, INC.
South of Brawley - Imperial County
SE 1/4 of the SE 1/4 of Section 20, T14S, R14E SBB&M
USGS Brawley 7.5 min. Topographic Map

Order No. 81-55

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7

73-271 HIGHWAY 111, SUITE 21
PALM DESERT, CALIFORNIA 92260
Phone: (714) 346-7491



June 29, 1978

100-Year Flood Protection
for Pesticide and Fertilizer Disposal by Aerial
Applicators and Other Handlers

Flood protection for storage and disposal of pesticide and fertilizer wastes should be as follows:

1. Pesticides and Fertilizers on site: These should be stored in a manner which will prevent contact of the pesticides and fertilizers with flood waters resulting from a 100-year storm. This may be accomplished by storing the materials on high ground, on a sturdy platform above the 100-year flood level, by constructing a berm to exclude the floodwaters, or by other means consistent with established engineering practice.
2. Empty unwashed containers - same as above.
3. Washed containers - need not be stored above flood level, but should be stored in an enclosure which will prevent them from floating away.
4. Evaporation basins - berm should extend at least two feet above 100-year flood level.
5. Evaporation - infiltration basins - berms should extend at least two feet above 100-year flood level.
6. Subsurface leach lines - need not be above 100-year flood level but should be protected from surface erosion.
7. Land area where pesticide or fertilizer washwater is spread to ground by truck or plane must be protected from overland flow resulting from rainfall but need not be above 100-year flood level.
8. Land area where pesticide or fertilizer washwater is spread to ground by spray system must be protected from overland flow resulting from rainfall but need not be above 100-year flood level except that top of pump sump should be above 100-year flood level.

Arthur Swajian, Executive Officer

WCP/sr