

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

ORDER NO. 77-85

WASTE DISCHARGE REQUIREMENTS
PRESCRIBING
100-YEAR STORM PROTECTION TO
BE PROVIDED BY
DISCHARGERS OF PESTICIDAL MATERIALS

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

1. The Board has adopted waste discharge requirements for dischargers of pesticidal materials within the Colorado River Basin Region as identified in Finding No. 7 of this Order.
2. Said requirements prescribe varying degrees of protection of the pesticidal materials from storm waters.
3. The extent of flooding that occurred during the 1976 and 1977 storms indicate that a higher degree of flood protection, over that which has heretofore been prescribed in waste discharge requirements, is needed to assure that pesticides and associated chemicals which are stored or discharged by commercial applicators do not enter surface waters.
4. The Water Quality Control Plans for the East Colorado River Basin and the West Colorado River Basin were adopted by the Board on April 10, 1975. The Water Quality Control Plans provide that for any receiving water:

"No individual pesticide or combination of pesticides shall be present in concentrations that adversely affect beneficial uses."

The Plan further provides that:

"Wastes which have a long-term capability of polluting water will be discharged in such manner and in such locations as to be protected against erosion or inundation which could occur as a result of maximum floods having a predicted frequency of once in a 100-year period."

5. The beneficial uses of surface waters in the Coachella, Imperial, and Palo Verde Valleys are as follows:

- a. Coachella Valley and Imperial Valley Drains, Coachella Valley Stormwater Channel, and New and Alamo Rivers:
 1. Transport of dissolved solids to Salton Sea for agricultural soil salinity control.
 2. Fresh water replenishment for Salton Sea
 3. Non-water contact recreation
 4. Fish and wildlife habitat
- b. Salton Sea
 1. Water contact recreation
 2. Non-water contact recreation
 3. Fish and wildlife habitat
- c. Palo Verde Valley Drains
 1. Transport of dissolved solids for agricultural soil salinity control
 2. Water contact recreation
 3. Non-water contact recreation
 4. Fish and wildlife habitat
- d. Colorado River
 1. Municipal, industrial, and agricultural water supplies
 2. Groundwater recharge
 3. Water contact and non-contact recreation
 4. Fish and wildlife habitat
6. The release of pesticides, pesticide breakdown products, and associated chemicals into surface waters in the Colorado River Basin Region could adversely affect the quality of these waters for their beneficial uses.
7. The Board has reviewed its below-listed previously-adopted Resolution and Orders, and considers that a higher degree of flood protection is needed to assure that pesticides and associated chemicals that are stored and/or discharged do not enter surface waters.

- a. Resolution No. 67-4, Rockwood Chemical Company, Brawley, Imperial County, adopted June 22, 1967.
This Order is incorporated as Provision 1.e.
- b. Order No. 71-74, Visco Flying Service, NE of Imperial, Imperial County, adopted December 9, 1971.
The existing Discharge Specification A.7. is deleted and this Order is incorporated as Discharge Specification A.7.
- c. Order No. 72-6, Woten Aviation Services, Inc., Ripley, Riverside County, adopted February 10, 1972.
The existing Discharge Specification A.8. is deleted and this Order is incorporated as Discharge Specification A.8.
- d. Order No. 73-47, Camacho Aerial Service, Holtville Area, Imperial County, adopted September 20, 1973.
The existing Discharge Specification A.9. is deleted and this Order is incorporated as Discharge Specification A.9.
- e. Order No. 74-3, Brea Agricultural Service, Heber, Imperial County, adopted February 14, 1974.
The existing Discharge Specification A.9. is deleted and this Order is incorporated as Discharge Specification A.9.
- f. Order No. 74-18, West Coast Flying Service, Blythe, Riverside County, adopted February 14, 1974.
The existing Discharge Specification A.6. is deleted and this Order is incorporated as Discharge Specification A.6.
- g. Order No. 74-39, Blythe Aviation, Blythe, Riverside County, adopted May 30, 1974.
The existing Discharge Specification A.9. is deleted and this Order is incorporated as Discharge Specification A.9.

- h. Order No. 74-41, J. T. Tippit Co., Blythe, Riverside County, adopted May 30, 1974.

The existing Discharge Specification A.7. is deleted and this Order is incorporated as Discharge Specification A.7.

- i. Order No. 74-69, Jessen & Company, Inc., dba, The Dune Company, Calipatria, Imperial County, adopted July 18, 1974.

The existing Discharge Specification A.6. is deleted and this Order is incorporated as Discharge Specification A.6.

- j. Order No. 74-101, Stoker Company, NE of Imperial, Imperial County, adopted October 17, 1974.

Discharge Specification A.6.d. is deleted and this Order is incorporated as Discharge Specification A.8.

- k. Order No. 74-106, Frontier Agricultural Service, Calexico, Imperial County, adopted December 12, 1974.

Discharge Specification A.6.d. is deleted and this Order is incorporated as Discharge Specification A.8.

- l. Order No. 75-49, Ross Flying Service, Imperial County Airport, Imperial County, adopted September 11, 1975.

Discharge Specification A.9.c. is deleted and this Order is incorporated as Discharge Specification A.13.

- m. Order No. 75-51, Visco Flying Service, Inc., Imperial County Airport, Imperial County, adopted September 11, 1975.

Discharge Specification A.8.c. is deleted and this Order is incorporated as Discharge Specification A.12.

- n. Order No. 75-63, City of Brawley - Pesticide Wastes, Brawley Municipal Airport, Imperial County, adopted November 20, 1975.

Discharge Specification A.9.c. is deleted and this Order is incorporated as Discharge Specification A.12.

- o. Order No. 76-36, Castle Farm Service - Herbicidal Wastes, South of Brawley, Imperial County, adopted June 10, 1976.
Discharge Specification A.5.b. is deleted and this Order is incorporated as Discharge Specification A.7.
 - p. Order No. 76-38, Western Farm Service, North of Imperial, Imperial County, adopted June 10, 1976.
The existing Discharge Specification A.6. is deleted and this Order is incorporated as Discharge Specification A.6.
 - q. Order No. 76-39, The Dune Company of Imperial Valley, Calipatria, Imperial County, adopted June 10, 1976.
The existing Discharge Specification A.7. is deleted and this Order is incorporated as Discharge Specification No. A.7.
 - r. Order No. 73-31, issued upon Ranch-Aero Service, Inc.; and D.S. Dusters are successors on the premises, Holtville Area, Imperial County, adopted June 28, 1973.
The existing Discharge Specification A.8. is deleted and this Order is incorporated as Discharge Specification A.8.
 - s. Order No. 76-8, Val Air Company, Inc. - Shank Road, Northeast of Brawley, Imperial County, adopted January 29, 1976.
Discharge Specification A.8.c. is deleted and this Order is incorporated as Discharge Specification A.11.
- 8. The Board has notified the dischargers and interested agencies and persons of its intent to amend the flood-protection requirements of said previously adopted Board Resolution and Orders which are listed in Finding No. 7, above. This action is taken pursuant to provisions of Section 13263(e) of the California Water Code.
 - 9. The Board in a public meeting heard and considered all comments pertaining to the discharges.
 - 10. The adoption of this Order constitutes an emergency project in accordance with the provisions of the California Environmental Quality Act (Public Resources Code Section 21000 et seq.) and the State Guidelines.

IT IS HEREBY ORDERED,

1. The following 100-year flood protection requirement is hereby incorporated into the existing waste discharge requirements which are contained in said previously adopted Board Resolution and Orders listed in Finding No. 7, above, and all requirements contained within said Resolution and Orders which conflict with this flood protection requirement are superseded as specified in Finding No. 7, above:

"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.

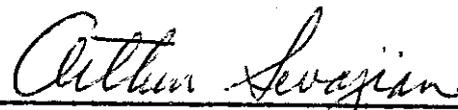
Compliance with this 100-year flood protection requirement shall be accomplished at each location in accordance with the following time schedule:

<u>Task</u>	<u>Completion Date</u>	<u>Report of Compliance Due</u>
Contract for design of flood protection facilities	11/01/77	11/15/77
Complete design of storm protection facilities	11/01/78	11/15/78
Begin construction	12/01/78	12/15/78
Complete Construction	02/01/79	02/15/79
Certification of completed construction	03/01/79	03/15/79

Flood protection facilities shall be designed by, and the completed construction shall be certified as adequate by a California Registered Civil Engineer, by the officer-in-charge of a local governmental agency that has flood control authority in the area, or by the District Conservationist of the United States Soil Conservation Service."

2. All requirements of the Resolution and Orders listed in Finding No. 7 (above) shall remain in full force and effect unless such requirements are specifically deleted or amended by Order No. 1, above.
3. This Order No. 77-85 is directed to all dischargers, jointly and severally, as identified in Finding No. 7 (above).

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 September 21, 1977.



Executive Officer