

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

ORDER NO. 86-42

**WASTE DISCHARGE REQUIREMENTS  
FOR  
DESERT AGRICULTURAL CHEMICAL, INC.  
North of El Centro - Imperial County**

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

1. Desert Agricultural Chemical, Inc. (hereinafter also referred to as the discharger), P.O. Box 2887, El Centro, California, 92244, verified that the wastewater discharge information in Finding No. 2 (below) is accurate on March 20, 1986.
2. The discharger is discharging a maximum of 5,000 gallons-per-operating-day of fertilizer equipment washwater that drains from a concrete washpad into two earthen basins (each having about 25,000 sq. ft. of surface area) for disposal by evaporation and infiltration. The basins are located in the SW 1/4, SE 1/4 of Section 19, and NW 1/4, NE 1/4 of Section 30, T15S, R14E, SBB&M. The wastewater contains the following fertilizer constituents: nitrogen, sulfur, phosphorus, potassium, zinc and iron.
3. This discharge has been subject to waste discharge requirements contained in Board Order No. 76-45 (Revised).
4. A recent analysis of the wastewater revealed the following chemical concentrations:

TDS - 3,000 mg/l  
Phosphate - 2.0 mg/l  
Potassium - 0.6 mg/l  
Nitrate - 3.0 mg/l

Zinc - 3.3 mg/l  
Iron - 7.7 mg/l  
Sulfate - 5.6 mg/l

5. The low concentrations of the constituents in the discharge are not a threat to ground water quality, are not in excess of water quality objectives established in the Board's Water Quality Control Plan, and therefore do not need to be regulated pursuant to Subchapter 15 (Section 2522 a), Chapter 3, Title 23 of the California Administrative Code.
6. There are no tile lines in the vicinity of the discharge area.
7. The Water Quality Control Plan for the Colorado River Basin Region of California was adopted by the Regional Board on November 14, 1984. The Basin Plan contains water quality objectives for Imperial Hydrologic Unit.

*Rescinded  
5-17-94  
w/ Bd. Order No. 94-053*

8. Shallow ground water at the discharge location is saline and is not beneficially used, and deep ground water is highly saline and are being investigated for geothermal development. Total dissolved solids range from about 54,000 mg/l at depths less than six feet to over 70,000 mg/l at depths greater than 20 feet.
9. The Board has notified the discharger and interested agencies and persons of its intent to update waste discharge requirements for the discharge.
10. The Board in a public meeting heard and considered all comments pertaining to the discharge.
11. 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 of Title 14, Chapter 3 of the California Administrative Code.

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

A. Discharge Specifications

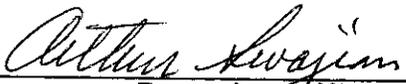
1. Neither the treatment nor the discharge of wastewater shall create a pollution or a nuisance as defined in Division 7 of the California Water Code.
2. There shall be no surface flow or discharge of wastewater away from the discharge facilities.
3. No wastewater other than that described in Finding No. 2 (above) shall be discharged at this location.
4. A minimum freeboard depth of at least one foot shall be maintained in the basins.
5. Adequate measures shall be taken to assure that flood or surface drainage waters do not erode or otherwise render portions of the discharge facilities inoperable.
6. Discharge of pesticide waste is prohibited at this site.
7. The on-site storage of waste materials and containers containing pesticides is prohibited at this site.
8. The discharger shall remove and relocate any waste which is discharged contrary to the requirements contained in this Order.
9. The maximum daily flow of wastewater discharged shall not exceed 5,000 gallons-per-operating day.

10. Residue removed from the basins shall be discharged only at a waste disposal site approved by the Regional Board to receive such wastes. Upon abandonment of this facility, residual waste shall be removed from containment basins. Lack of operational activity at the site for a period of one year shall constitute abandonment for the purpose of this Order.

B. Provisions

1. Prior to any modifications of 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. 86-42" and future revisions thereto, as specified by the Executive Officer.
3. In the event of any change in the operation, or in control or ownership of land and/or waste disposal facilities owned or controlled by the discharger, the discharger shall:
  - a. Notify the 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.
4. This Order supersedes Board Order No. 76-45 (Revised).

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 July 9, 1986.

  
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Executive Officer

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

MONITORING AND REPORTING PROGRAM NO. 86-42  
FOR  
DESERT AGRICULTURAL CHEMICAL, INC.  
North of El Centro - Imperial County

Location of Discharge: SW 1/4, SE 1/4 of Section 19, and NW 1/4, NE 1/4 of Section 30,  
T15S, R14E, SBB&M

MONITORING

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

1. Quantity of wastewater discharged to basin - reported semi-annually in gallons.
2. Wastewater contained in the basins shall be monitored for the following constituents semi-annually.
  1. Potassium (K)
  2. Sulfate (SO<sub>4</sub>)
  3. Nitrate (NO<sub>3</sub>)
  4. Iron (Fe)
  5. Phosphorus (P)
  6. Zinc (Zn)
  7. pH

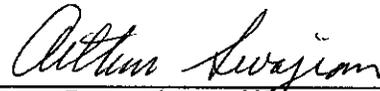
REPORTING

The semi-annual monitoring report shall be submitted to the Board by not later than January 15 and June 15 of each year.

Forward monitoring reports to:

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

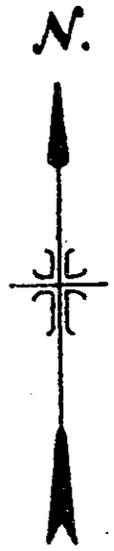
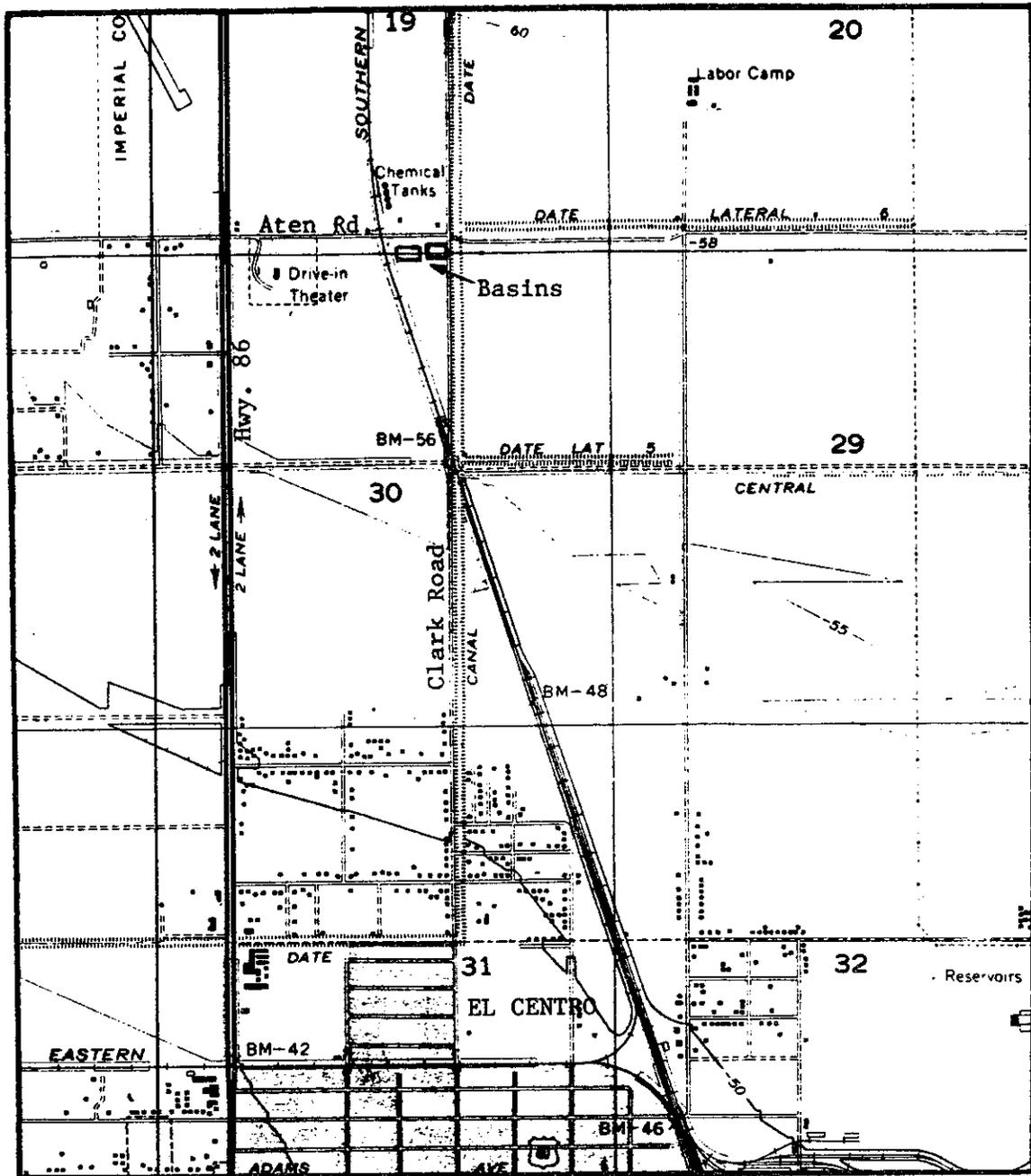
ORDERED BY:

  
Executive Officer

July 9, 1986

Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD -7



Scale:  
1"=2,000'

SITE MAP

DESERT AGRICULTURAL CHEMICAL, INC.  
 North of El Centro - Imperial County  
 SW $\frac{1}{4}$ , SE $\frac{1}{4}$ , of Section 19, and NW $\frac{1}{4}$ , NE $\frac{1}{4}$  of Section 30, T15S, R14E, SBB&M  
 USGS El Centro 7.5 min. Topographic Map

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