

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

ORDER NO. 86-46

**WASTE DISCHARGE REQUIREMENTS
FOR
WINGATE COMPANY
South of Brawley - Imperial County**

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

1. Wingate Company (hereinafter also referred to as the discharger), P.O. Box 127, Imperial, California, 92251, verified on April 24, 1986, that the below information is accurate.
2. The discharger is discharging from a lime-sulfur processing plant, a maximum of 800 gallons-per-operating day of calcium polysulfide solution into a 150,000 gallon capacity earthen basin. The solution is produced from separating in a steel tank the solids from the lime sulfur concentrate, which are sold to farmers for addition to irrigation water for reclaiming alkaline soil. This semi-solid solution is spread out in the basin to dry and later picked up and sold to farmers as a soil amendment. The plant site is located in the NE 1/4 of the NW 1/4 of Section 28, T14S, R14E, SBB&M.
3. This discharge has been subject to waste discharge requirements contained in Board Order No. 81-57.
4. A recent analysis of the sludge in the basin revealed a pH of less than 12.5.
5. 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.
8. Shallow ground water at the discharge location is saline and is not beneficially used, and deep ground water is brine and is being investigated for geothermal development.

*11-20-91
Superseded
w/ Board
Order No. 91-044*

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:

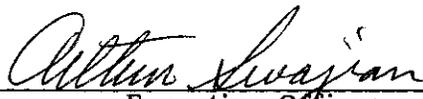
A. Discharge Specifications

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. Calcium polysulfide solution shall be discharged only to the disposal basin designated in Finding No. 2 (above).
4. A minimum freeboard depth of at least one foot shall be maintained in the basin.
5. Process and/or waste materials shall not enter any rivers, canals, drainage channels, or drains (including subsurface drainage systems) which could provide flow or seepage to Salton Sea.
6. The discharge and/or storage of 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.
7. Adequate facilities and/or measures shall be taken to assure that unauthorized persons and animal pets are effectively excluded from chemical containment areas and chemical container storage areas.
8. Residue removed from the basin shall be discharged only at a waste disposal site approved by the Regional Board to receive such waste. Upon abandonment of this facility, residual waste shall be removed from the containment basin. 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. Upon request from this Board's Executive Officer, the discharger shall furnish technical and/or monitoring reports on the treatment and discharge of waste.
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. 81-57.

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.



Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 86-46
FOR
WINGATE COMPANY
Brawley - Imperial County

Location: NE 1/4 of the NW 1/4 of Section 28, T14S, R14E, SBB&M

MONITORING AND REPORTING

The discharger shall monitor and report to the Regional Board the following:

<u>Constituent</u>	<u>Unit</u>	<u>Reporting Frequency</u>
A. Volume of wastewater discharged to the surface impoundments.	Gallons	Quarterly and Annually
B. Amount of solid residue removed from the surface impoundments.	Pounds	Quarterly and Annually

Quarterly monitoring reports shall be submitted to the Regional Board by the 15th day of January, April, July, and October. Annual monitoring reports shall be submitted by January 15 of the succeeding year. Copies of the reports submitted to the Board pursuant to this Monitoring and Reporting Program shall be maintained at the operations site for a period of one year, and shall be made available to the Regional Board staff upon request.

Mail reports to:

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

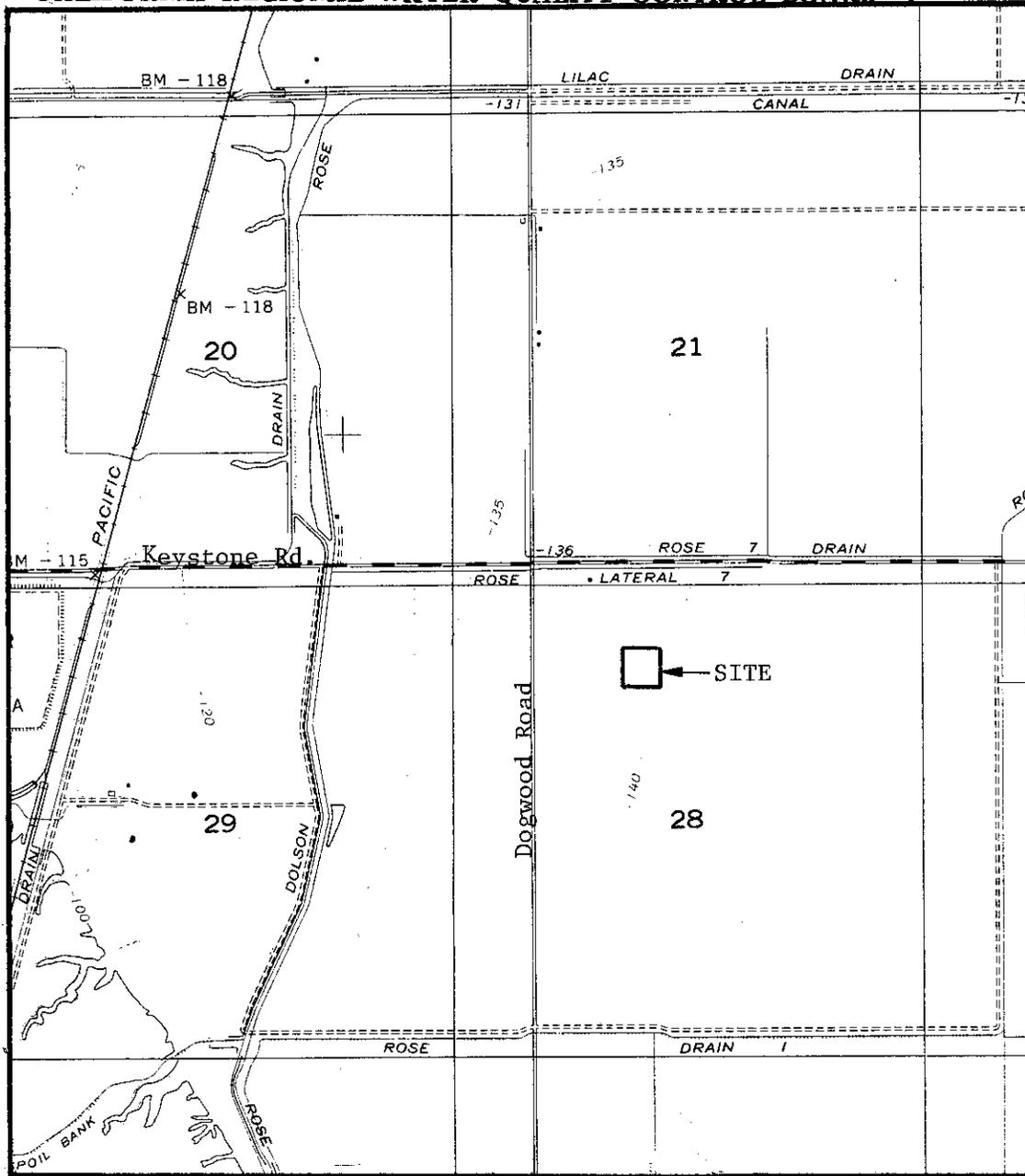
Ordered By:

Mary F. Mann
for Executive Officer

10/6/87

Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD -7



Scale:
1"=2,000'

SITE MAP
WINGATE COMPANY
South of Brawley - Imperial County
Portion of NE $\frac{1}{4}$, NW $\frac{1}{4}$ of Section 28, T14S, R14E, SBB&M
USGS Brawley 7.5 min. Topographic Map