

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

ORDER NO. 77-15

WASTE DISCHARGE REQUIREMENTS
FOR
SOUTHWEST MARKETING CORPORATION
Imperial - Imperial County

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

1. Southwest Marketing Corporation (hereinafter also referred to as the discharger), P. O. Box 638, Imperial, CA 92251, submitted a Report of Waste Discharge dated November 9, 1976.
2. The discharger proposes to discharge for about 120 days per year an average of 36,000 gallons-per-day of cottonseed delinting wastewater into 12 acres of earthen basins for final disposal by evaporation and infiltration. The discharge sites, located in the E $\frac{1}{2}$ of the NW $\frac{1}{4}$ of Section 19, T15S, R14E, SBB&M, consist of four (4) existing basins covering two (2) acres, and five (5) proposed two acre basins. The 10 acres of proposed basins are to be situated approximately 900 feet south of the existing basins.
3. The discharger reports that the wastewater will be the result of delinting cottonseed by an acid treatment process. This treatment involves applying about one ton of sulfuric acid (H₂SO₄) to the seeds each operating hour, and then using about 3,000⁴ gallons per hour to wash off the acid, diluting the sulfuric acid content in the wastewater to about 5%.
4. The discharger states that the volume of wastewater pumped into the basins would be 24,000 gallons per day for an eight (8) hour shift and 48,000 gallons per day for a double shift. The plant will operate from November 15 to March 15 each year.
5. The discharger reports that there is no subsurface tile drainage on the disposal property.
6. The discharge of this cottonseed delinting plant has been subject to waste discharge requirements adopted in Board Resolution No. 70-1.
7. The groundwaters in this area are saline and are not beneficially used.

*supersedes
70-1*

*Superseded
by 84-104
9/19/84*

8. The discharger states that the basins will be cleaned when necessary, and the residue (mainly organic lint material) would be hauled to agricultural farm ground to serve as a fertilizer soil additive.
9. The Water Quality Control Plan for the West Colorado River Basin (7A) was adopted by the Board on April 10, 1975, and this Order implements the objectives stated in the Plan.
10. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the proposed discharge.
11. The Board in a public meeting heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, Southwest Marketing Corporation, shall comply with the following:

A. Discharge Specifications and Prohibitions

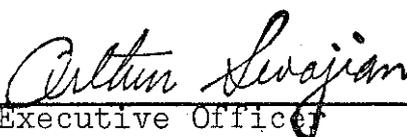
1. Neither the treatment nor the discharge of wastewater shall cause a pollution or a nuisance.
2. The volume of wastewater discharged into the existing and proposed basins shall not exceed a maximum average of 72,000 gallons-per-day.
3. Adequate measures shall be taken to assure that unauthorized persons and animals are effectively excluded from contact with the discharge.
4. A minimum freeboard depth of 18 inches shall be maintained at all times in each basin.
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. There shall be no direct discharge of wastewater to any surface waters, including open drainage channels, tile lines, or canals.
7. There shall be no surface flow of wastewater away from the discharge facilities.
8. Residues removed from the basins shall be discharged only as set forth in Finding No. 8 (above) or at a solid waste disposal site approved to receive such wastes.

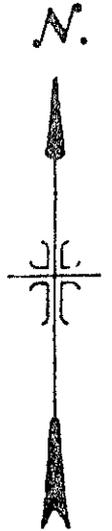
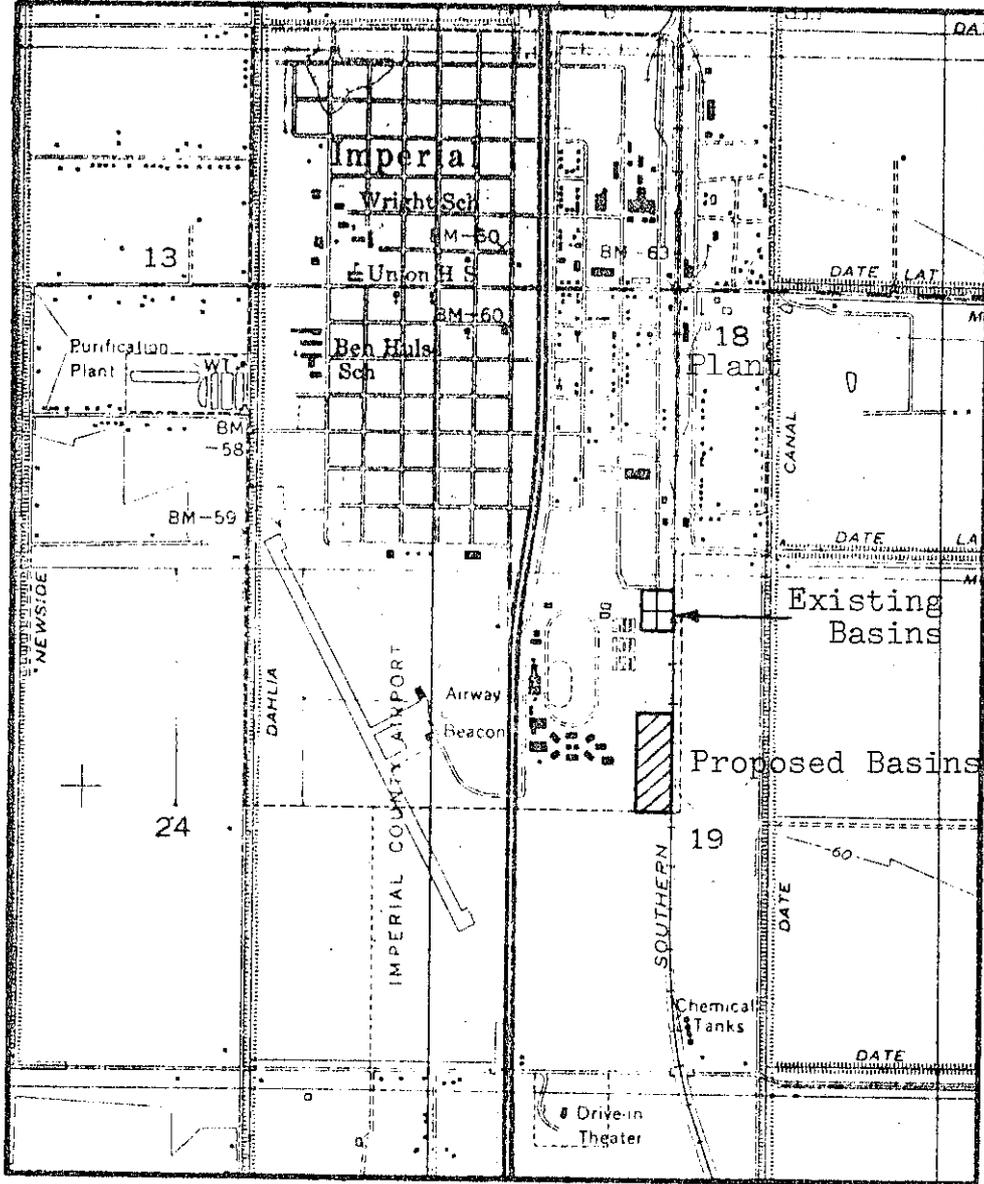
B. Provisions

1. Prior to any modifications in this facility which could result in material change in the quality or quantity of wastewater discharged, or any material change in location of discharge, the discharger shall report thereon to the 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 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. Notify the succeeding owner or operator by letter of the existence of this Order; a copy of which shall be filed with this Board.
4. This Order supersedes Board Resolution No. 70-1.

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

January 26, 1977.


Executive Officer



Scale:
1" = 2000'

SITE MAP
FOR
SOUTHWEST MARKETING CORPORATION
Imperial - Imperial County
Location of Discharge: E $\frac{1}{2}$ of NW $\frac{1}{4}$, Sec. 19, T15S, R14E, SBB&M
U.S.G.S. El Centro 7.5 min Topographic Map

Order No. 77-15