

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

ORDER NO. 85-72

**WASTE DISCHARGE REQUIREMENTS  
FOR  
PACIFIC MOLASSES COMPANY  
Calipatria - Imperial County**

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

1. Pacific Molasses Company (hereinafter also referred to as the (discharger), P. O. Box 1559, Calipatria, California, 92233, submitted a Report of Waste Discharge, dated May 1, 1985.
2. The discharger's plant process recovers soybean and cottonseed oil for use in livestock feeds. The discharger proposes to discharge a maximum of 2 million gallons-per-year of wastewater resulting from the use of acid to recover soybean and cottonseed oil. The wastewater would have an acid content of about ten (10) percent, and would be discharged into four (4) earthen basins (50 ft. x 50 ft. x 6 ft. each) for final disposal by evaporation and infiltration. Additional land is available for more basins, if needed. The basins would be filled with crushed limestone which would neutralize the acidic water and, in turn, be converted into gypsum. Periodically, the gypsum would be removed from the basins and sold as a soil amendment. The basin location is in the NW $\frac{1}{4}$  of the NW $\frac{1}{4}$  of Section 22, T12S, R14E, SBB&M.
3. Wastes set forth in Finding No. 2 (above) are classified as follows in accordance with Subchapter 15, Title 23, California Administrative Code:
  - a. Acidic wastewater - this is classified as a hazardous waste before neutralization and a nonhazardous waste after neutralization. As a nonhazardous waste it is exempt from the provisions of Subchapter 15 (2511b).
  - b. Gypsum - this is a nonhazardous waste and would be beneficially used as a soil amendment.
4. 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.
5. Shallow ground waters at the discharge location are saline having a total dissolved solids content of about 15,000 mg/l, and thus are not beneficially used; and deep ground waters are highly saline and are being investigated for geothermal development.

*replaced  
87-083*

6. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the proposed discharge.
7. The Board in a public meeting heard and considered all comments pertaining to the proposed discharge.
8. The City of Calipatria Planning Department approved a Negative Declaration on June 20, 1985, for this proposed limestone-acid pit operation. The Regional Board has reviewed this Negative Declaration. The following waste discharge requirements are designed to assure against any significant adverse effects on water quality.

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

A. Discharge Specifications

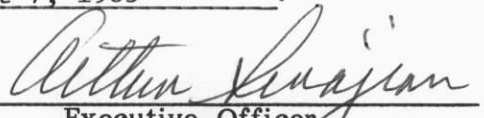
1. Neither the treatment nor the discharge of wastewater shall create a pollution or a nuisance as defined in Division 7 of the California Water Code.
2. Acid-water solution or other wastewater shall not enter any rivers, canals, drainage channels, or drains (including subsurface drainage systems) which could provide flow or seepage to Salton Sea.
3. A minimum freeboard depth of at least two (2) feet shall be maintained in each basin.
4. 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.
5. Adequate measures shall be taken to assure that the limestone stored on-site will be adequately protected against flood or surface drainage waters.
6. Acid-water solution is to be discharged to only those basins described in Finding No. 2, and only in the volumes, compositions and methods of disposal described therein.
7. Gypsum removed from the basins shall only be discharged as a soil amendment on farm fields, or at other disposal locations approved by the Regional Board.

B. Provisions

1. The discharger must comply with the requirements of the California Administrative Code, Title 23, Chapter 3, Subchapter 15, to the satisfaction of the Executive Officer and 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. Prior to any modifications in this facility which would result in material change in the quality or quantity of process water or wastes discharged, or any material change in location of discharge, the discharger shall report in writing to the Regional Board.
4. Prior to, or immediately following, any emergency discharge or spill of concentrated acid-water or process wastes, the discharger shall notify the Regional Board by phone (619) 346-7491 and by a follow-up letter providing a description of the proposed plan for clean-up and disposal.
5. In the event of any change in control or ownership of land or process facilities described herein, the discharger shall:
  - a. Notify this 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.
6. This Order includes the attached "Monitoring and Reporting Program No. 85-72," and future revisions thereto, as specified by the Executive Officer.
7. The discharger shall install a monitoring well at each basin for sampling the quality of wastewater beneath the limestone fill.

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 August 7, 1985.

  
Executive Officer

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

**MONITORING AND REPORTING PROGRAM NO. 85-72 (REVISION NO. 1)  
FOR  
PACIFIC MOLASSES COMPANY  
Calipatria - Imperial County**

**Location: NW¼, NW¼, Section 22, T12S, R14E, SBB&M**

**MONITORING**

Pacific Molasses Company (discharger) shall report to the Regional Board concerning the following:

1. Measurement of pH of acid water discharged into the fiber glass tanks - on a daily basis.
2. Measurement of pH of wastewater beneath the limestone fill - on a daily basis.
3. Quantity of limestone used to neutralize the acid water each time a basin is refilled with new limestone.
4. Current status of operation as to whether active or inactive - Monthly.
5. Immediate reporting of any accidental spillage, leakage, or release of waste material, including immediate measures being taken to correct same and limit detrimental effects.
6. Upon request from this Board's Executive Officer, the discharger shall furnish special technical and/or monitoring reports on the treatment and discharge of wastes, and on the integrity of the containment basins.

**REPORTING**

The above monitoring program shall be implemented immediately. Monthly reports shall be submitted by the middle of each month. The first monthly report will be due December 15, 1985. Reports for item 6 (above) shall be forwarded immediately and, shall be preceded by phone communication to the Regional Board's Office, Phone (619) 346-7491.

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:

*Arthur Sugian*

Executive Officer

*November 6, 1985*

Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 85-72  
FOR  
PACIFIC MOLASSES COMPANY  
Calipatria - Imperial County

Location: NW $\frac{1}{4}$ , NW $\frac{1}{4}$ , Section 22, T12S, R14E, SBB&M.

MONITORING

Pacific Molasses Company (discharger) shall report to the Regional Board concerning the following:

1. Analyses of wastewater beneath limestone fill - for pH - Quarterly.
2. Analyses of gypsum at least 20 days prior to removal from basin - for pH.
3. Current status of operation as to whether active or inactive - Quarterly.
4. Immediate reporting of any accidental spillage, leakage, or release of waste material, including immediate measures being taken to correct same and limit detrimental effects.
5. Upon request from this Board's Executive Officer, the discharger shall furnish special technical and/or monitoring reports on the treatment and discharge of wastes, and on the integrity of the containment basins.

REPORTING

The above monitoring program shall be implemented immediately upon adoption of this Order.

Quarterly reports shall be submitted by January 15, April 15, July 15 and October 15 of each year. Reports for Item 4 (above) shall be forwarded immediately and, if at all possible, shall be preceded by phone communication to the Regional Board's office, phone (619) 346-7491.

Mail reports to:

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

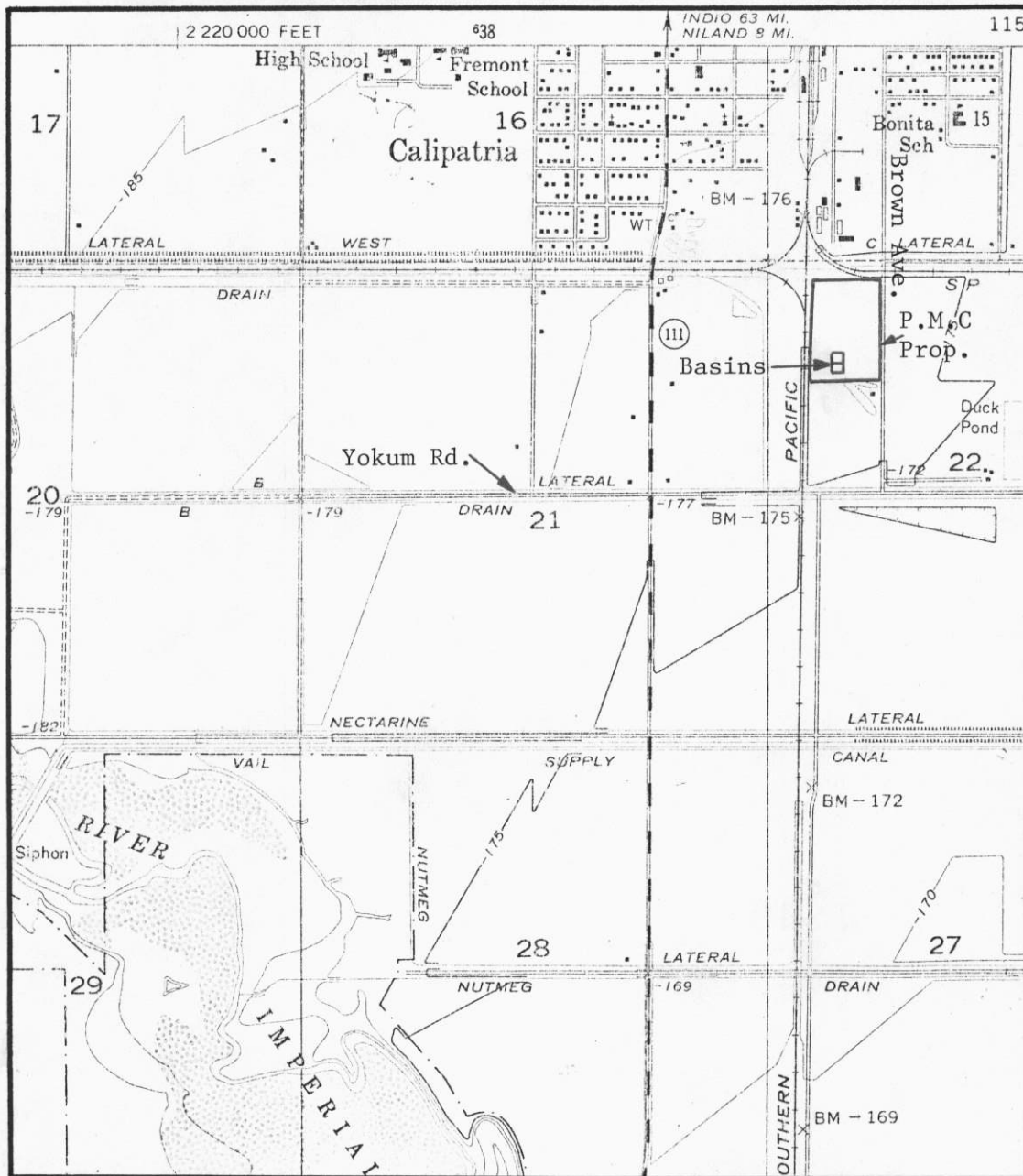
*Superseded*  
*11/6/85*

*Arthur Swajian*  
\_\_\_\_\_  
Executive Officer

August 7, 1985  
\_\_\_\_\_  
Date



# CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD -7



Scale:  
1"=2,000'

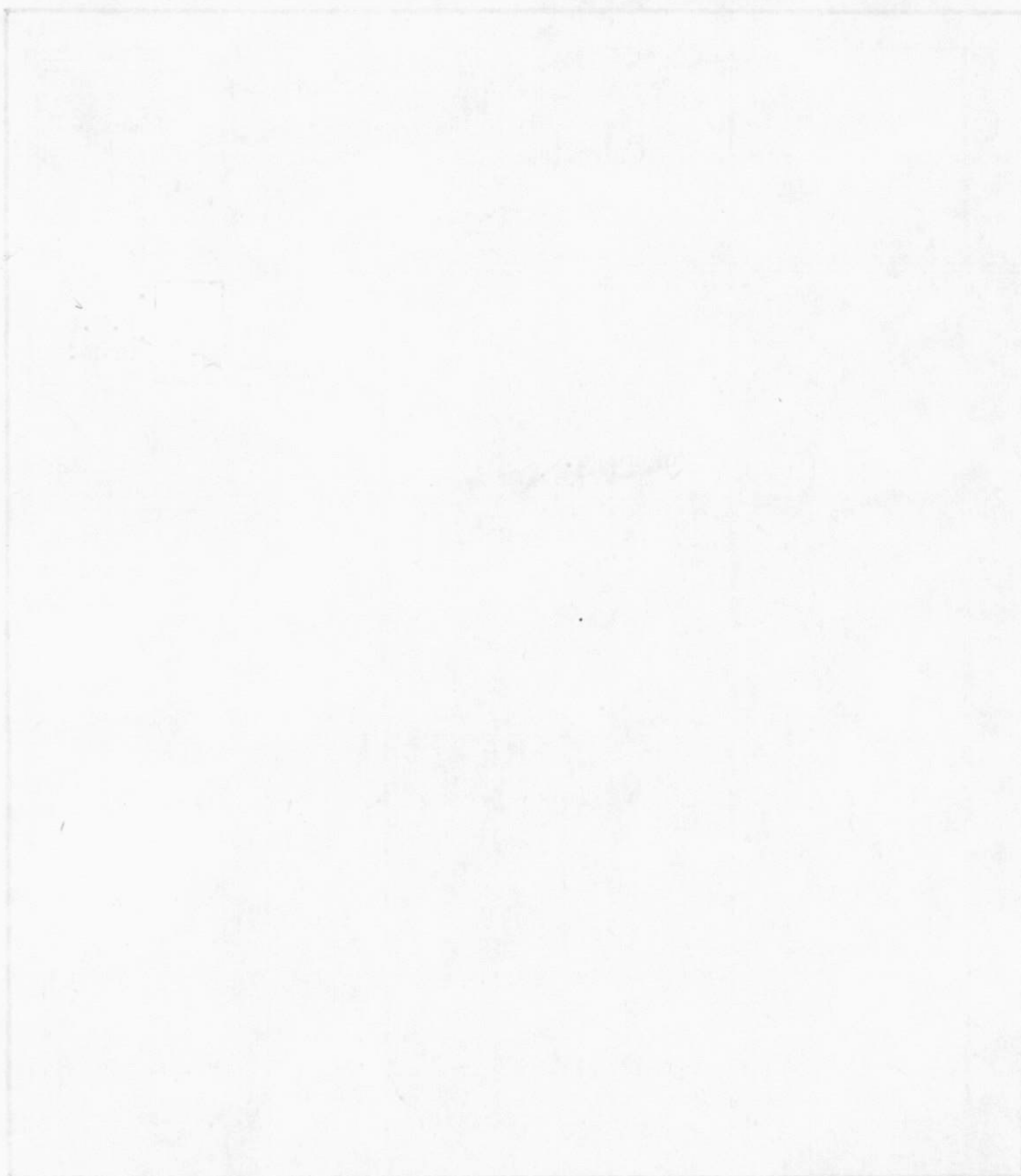
## SITE MAP

PACIFIC MOLASSES COMPANY

Calipatria - Imperial County

Portion of the NW $\frac{1}{4}$ , NW $\frac{1}{4}$  of Section 22, T12S, R14E, SBB&M  
USGS Westmorland 7.5 min. Topographic Map

Order No. 85-72



SITE MAP

PACIFIC WOOLLEN COMPANY  
California - Imperial County  
Portion of the NW 1/4 of Section 22, T12S, R14E, S18E, M  
11025 Westwood 7.5 min. Topographic Map