

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

ORDER NO. 85-13

**WASTE DISCHARGE REQUIREMENTS
FOR
HOLLY SUGAR CORPORATION
Holly Sugar Plant
South of Brawley - Imperial County**

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

1. Holly Sugar Corporation (hereinafter also referred to as the discharger), P. O. Box 1240, Brawley, California, 92227, on November 8, 1984, verified via the agricultural manager, that the below updated information is accurate.
2. The discharger is discharging the following from a sugar beet processing plant into on-site basins in the W $\frac{1}{2}$ of the NW $\frac{1}{4}$ of Section 29 and the N $\frac{1}{2}$ of Section 30, T14S, R14E, SBB&M:
 - (a) An average of 290,000 gallons-per-day of processing washwater from the plant clarifier is discharged into 105 acres of oxidation/evaporation basins. Following evaporation, approximately 870 tons/year of salts remain to accumulate in these basins.
 - (b) Residual sludge consisting of mainly sands and silts from the bottom of the clarifier is periodically discharged into 18 acres of sludge drying basins. After drying, this material is used to buildup the berms of the basins.
 - (c) Approximately 115,000 gallons of processed lime wastewater is discharged into about 23 acres of basins. Following evaporation, most of the lime is sold and the remainder is reused in the plant process.
3. The discharges designated in Finding No. 2 (above) occur from about April 1st until August 1st with intermittent discharges of smaller amounts before and after this four (4) month period.
4. The discharge from this sugar beet processing plant has been subject to waste discharge requirements adopted in Board Order No. 74-57.
5. 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.

*replaced
by 90-012*

6. Shallow ground waters at the discharge location are saline and are not beneficially used, and deep ground waters are saline and are being investigated for geothermal development.
7. The Board has notified the discharger and interested agencies and persons of its intent to update waste discharge requirements for the discharge.
8. The Board in a public meeting heard and considered all comments pertaining to the discharge.
9. 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

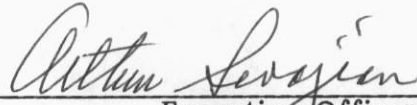
1. Neither the treatment nor the discharge of wastewater shall create a pollution or a nuisance as defined in Division 7 of the California Water Code.
2. The discharged wastewater shall not enter any rivers, canals, drainage channels, or drains (including subsurface drainage systems) which could provide flow or seepage to Salton Sea.
3. A minimum freeboard depth of at least two (2) feet shall be maintained in each wastewater disposal 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. Wastewater is to be discharged to only those basins described in Finding No. 2 (above), and shall not exceed in the volumes, compositions and methods of disposal described therein.
6. Residues or other materials removed from the basins shall be discharged as set forth in Finding No. 2 (above) or at a disposal site approved by the Regional Board to receive this waste, with a copy of the receipt of delivery forwarded to the Regional Board.

B. Provisions

1. Upon request from this Board's Executive Officer, the discharger shall furnish technical and/or monitoring reports on the treatment and discharge of waste.

2. Prior to any modifications in 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.
3. In the event that use of any evaporation basin(s) is permanently discontinued, any accumulated salts or other wastes shall be removed to a site approved by the Regional Board to receive these wastes.
4. In the event of any change in control or ownership of land or waste disposal 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.
5. This Order supersedes Board Order No. 74-57.

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 January 23, 1985.



Executive Officer

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

MONITORING AND REPORTING PROGRAM NO. 85-13

FOR

HOLLY SUGAR CORPORATION

Oxidation/Evaporation Basins

South of Brawley - Imperial County

Location of Discharge: W $\frac{1}{2}$ of NW $\frac{1}{4}$ of Section 29 and N $\frac{1}{2}$ of Section 30, T14S, R14E, SBB&M

MONITORING

The discharge of wastewater to the basins shall be monitored for the following:

1. The estimated volume of daily discharge to the basins, in gallons-per-day.
2. Constituents in representative samples of the discharge shall be monitored as indicated below:

Constituents	Units	Sample Type
1. Five Day Biochemical Oxygen Demand (20°C BOD ₅)	mg/l	Grab
2. pH at 25°	-	Grab

The collection, preservation and holding time of the samples shall be in accordance with the U.S. Environmental Protection Agency's (EPA) recommended methods for the above constituents. The laboratory performing the sample analyses shall be certified by the State of California, Department of Health Services or by this Regional Board Office.

REPORTING

For each operating season, the discharger shall submit to the Board a monitoring report signed by a duly authorized person by not later than September 15 of the operating 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:

Arturo Leonian
Executive Officer

July 23, 1987
Date

