

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
COLORADO RIVER BASIN REGION

ORDER NO. 76-6  
NPDES NO. CA0104809

WASTE DISCHARGE REQUIREMENTS  
FOR  
BEEFEATER CATTLE COMPANY  
Northeast of Brawley - Imperial County

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

1. Beefeater Cattle Company (hereinafter also referred to as the discharger), P.O. Box 222, Brawley, CA 92227, submitted an NPDES Application for Permit to Discharge dated September 17, 1975. Said application is assigned Application No. CA0104809.
2. The discharger reports that:
  - a. It manages a concentrated animal feeding operation which contained a maximum of 4,000 cattle for a period of 30 days or more during the previous 12 months. Total capacity of the feedyard is approximately 5,000 animals.
  - b. Presently a maximum of approximately 600 gallons-per-day of watering trough flow-through wastewater is discharged to Alamo River in the S $\frac{1}{2}$ , Section 12, T13S, R14E, SBB&M.
  - c. No wastewaters, other than that described in (b) above, are discharged to open drainage channels or to agricultural drainage systems.
  - d. Dead animals are hauled away by a commercial rendering service.
  - e. Refuse and rubbish from the feedlot operations are hauled to an approved county disposal site.
  - f. Manure removed from the feedlot is spread upon nearby agricultural crop land.

3. Staff findings:

- a. The U.S. Soil Conservation Service, El Centro, completed a storm survey of the property and determined that construction of a one-foot high berm around the perimeter of the feedyard would be sufficient to contain a 10-year, 24-hour storm.
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4. The Water Quality Control Plan for the West Colorado River Basin was adopted by the Board on April 10, 1975, and this Order implements the objectives stated in the Plan.
5. The beneficial uses of the water in the Alamo River are:
  - a. Limited public fishing activity.
  - b. Soil salinity control by transport of dissolved solids to Salton Sea.
  - c. Freshwater habitat for fish and wildlife.
  - d. Freshwater replenishment for the Salton Sea.
6. Effluent limitation, and national standards of performance, established pursuant to Sections 208 (b), 301, 302, 303(d), 304, 306 of the Federal Water Pollution Control Act and amendments thereto, are applicable to the discharge.
7. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the proposed discharge, and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.
8. The Board in a public meeting heard and considered all comments pertaining to the discharge.

9. This Order shall serve as a National Pollutant Discharge Elimination System Permit pursuant to Section 402 of the Federal Water Pollution Control Act, or amendments thereto, and shall take effect at the end of ten days from the date of hearing provided the Regional Administrator has no objections.

IT IS HEREBY ORDERED, Beefeater Cattle Company, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, and the provisions of the Federal Water Pollution Control Act and regulations and guidelines adopted thereunder, shall comply with the following:

A. Effluent Limitations

1. Representative samples of wastewater discharged to Alamo River shall not contain constituents in excess of the following limits:

<u>Constituents</u>	<u>Unit</u>	<u>Average Discharge Rate</u>	<u>Daily Maximum Discharge Rate</u>
20°C BOD <sub>5</sub>	lbs/day mg/l	0.17 20	0.25 30
Suspended Solids	lbs/day mg/l	0.17 20	0.25 30
Settleable Matter	ml/l	0.5	1.0

2. Compliance with the average values set forth in Effluent Limitations A.1. (above) will be established by averaging the results of the last three samples collected.
3. The daily weight (lbs/day) listed in Items 1 and 2 (above) is obtained from the following calculation for any calendar day:

$$\text{Daily Weight (lbs/day)} = \frac{8.34}{N} \sum_{i=1}^N Q_i C_i$$

in which N is the number of samples analyzed in any calendar day.  $Q_i$  and  $C_i$  are the flow rate (MGD) and the constituent concentration (mg/l) respectively, which are associated with each of the N grab samples which may be taken in any calendar day. If a composite sample is taken,  $C_i$  is the

concentration measured in the composite sample, and  $Q_i$  is the average flow rate occurring during the period over which samples are composited.

4. The average daily flow of wastewater shall not exceed 1,000 gallons-per-operating-day.
5. The effluent values for pH shall remain between 6.0 and 9.0

#### B. Receiving Water Limitations

1. Wastewater discharged to Alamo River shall not:
  - a. Depress the dissolved oxygen content of said drain below 5.0 mg/l.
  - b. Cause foam at the point of discharge or downstream thereof.
  - c. Cause presence of oil, grease, scum, sludge, or solids.
  - d. Cause presence of chemicals or pesticides toxic to fish and other aquatic wildlife.

#### C. Discharge Prohibitions and Specifications

1. Neither the treatment nor the discharge of wastes shall cause a pollution or nuisance.
2. Surface drainage from animal confinement facilities and manure storage areas which would occur during a 10-year, 24-hour storm is prohibited from entering open drainage channels, tile lines or canals.
- 3.- Settleable matter resulting from trough cleaning shall not be discharged to open drainage channels, tile lines or canals.

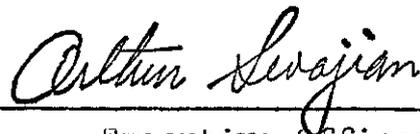
4. There shall be no discharge of wastewaters other than watering trough overflow to Alamo River, and there shall be no discharge of any wastewaters to any other open drainage channels, tile lines or canals.
5. Animals in confinement shall be prevented from making contact with surface waters.
6. Manure piles shall not be located nearer than 100 feet laterally from any open drainage channel, canal, lateral, or drainage course as measured horizontally from the top edge of the nearest bank.
7. Dead animals and animal parts which are not carried away by a rendering works or similar commercial service shall be disposed only at locations acceptable to the Regional Board and allowable by local authority, and shall not cause a public health hazard.
8. Refuse, rubbish and other solid wastes shall be discharged only at a solid waste disposal site approved by the Regional Board to receive these wastes.

D. Provisions

1. The integrity of the boundary berm shall be maintained to prevent runoff from the feedlot in the event of a 10-year, 24-hour storm.
2. This Order includes Items No. 1, 3, and 5 of the attached "Reporting Requirements".
3. This Order includes Items No. 1, 2, 4, 5, 6, 7, 8, 9, and 11 of the attached "Standard Provisions".
4. This Order includes the attached "General Monitoring and Reporting Provisions".
5. This Order includes "Monitoring and Reporting Program No. 76-6" and future revisions thereto, as specified by the Executive Officer.

6. This Order expires five (5) years from date of adoption thereof, and the discharger shall file a report of waste discharge in accordance with Title 23, California Administrative Code, no later than 180 days in advance of such date as an application for issuance of new waste discharge requirements.
7. Prior to any material enlargement of these facilities or change in location, the feedlot operator shall report thereon to the Board.
8. In the event of any change in operation, or in control or ownership of the concentrated animal confinement facilities and/or waste disposal facilities owned or controlled by the feedlot operator, the feedlot owner and/or operator shall:
  - a. Notify this Board of such change; and
  - b. Notify the succeeding owner or operator by letter of the existence of this Order; and file a copy of said letter with this Board.

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 29, 1976.



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Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 76-6 (REVISED)  
FOR

BEEFEATER CATTLE COMPANY  
Northeast of Brawley - Imperial County

Location of Discharge: Alamo River in the S 1/2, Section 12,  
T13S, R14E, SBB&M

MONITORING

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

Ordered by

Arthur Sevajian

Executive Officer

Dec-17, 1979

Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 76-6  
FOR  
BEEFEATER CATTLE COMPANY  
Northeast of Brawley - Imperial County

Location of Discharge: Alamo River in the S $\frac{1}{2}$ , Section 12, T13S,  
R14E, SBB&M

EFFLUENT MONITORING

Wastewater discharged to Alamo River shall be monitored for the following constituents. All samples shall be taken between 6 a.m. and 6 p.m.

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
20°C BOD <sub>5</sub>	mg/l	Grab	Semiannually
Suspended Solids	mg/l	Grab	Semiannually
Settleable Matter	ml/l	Grab	Semiannually
Flow	Gallons/Day	Average Daily	Reported Semiannually
pH	pH Units	Grab	Semiannually

If during any semiannual period the wastewater discharged does not contain visible settleable matter, a semiannual statement, signed by the owner and/or operator, specifically so stating and including the average daily flow rate, will be accepted for the particular semiannual period in lieu of sample monitoring as described above.

REPORTING

The discharger shall implement the above monitoring program within 30 days of the effective date of this Order.

Semiannual monitoring reports shall be submitted by July 15 and January 15 of each year.

Forward Monitoring Reports to:

California Regional Water Quality Control Board  
Colorado River Basin Region  
P.O. Drawer I  
Indio, CA 92201

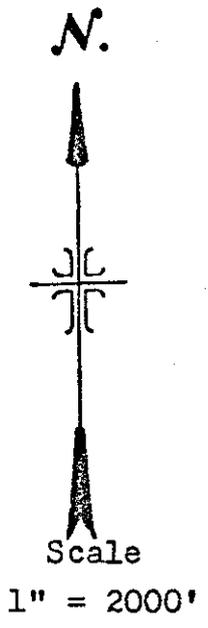
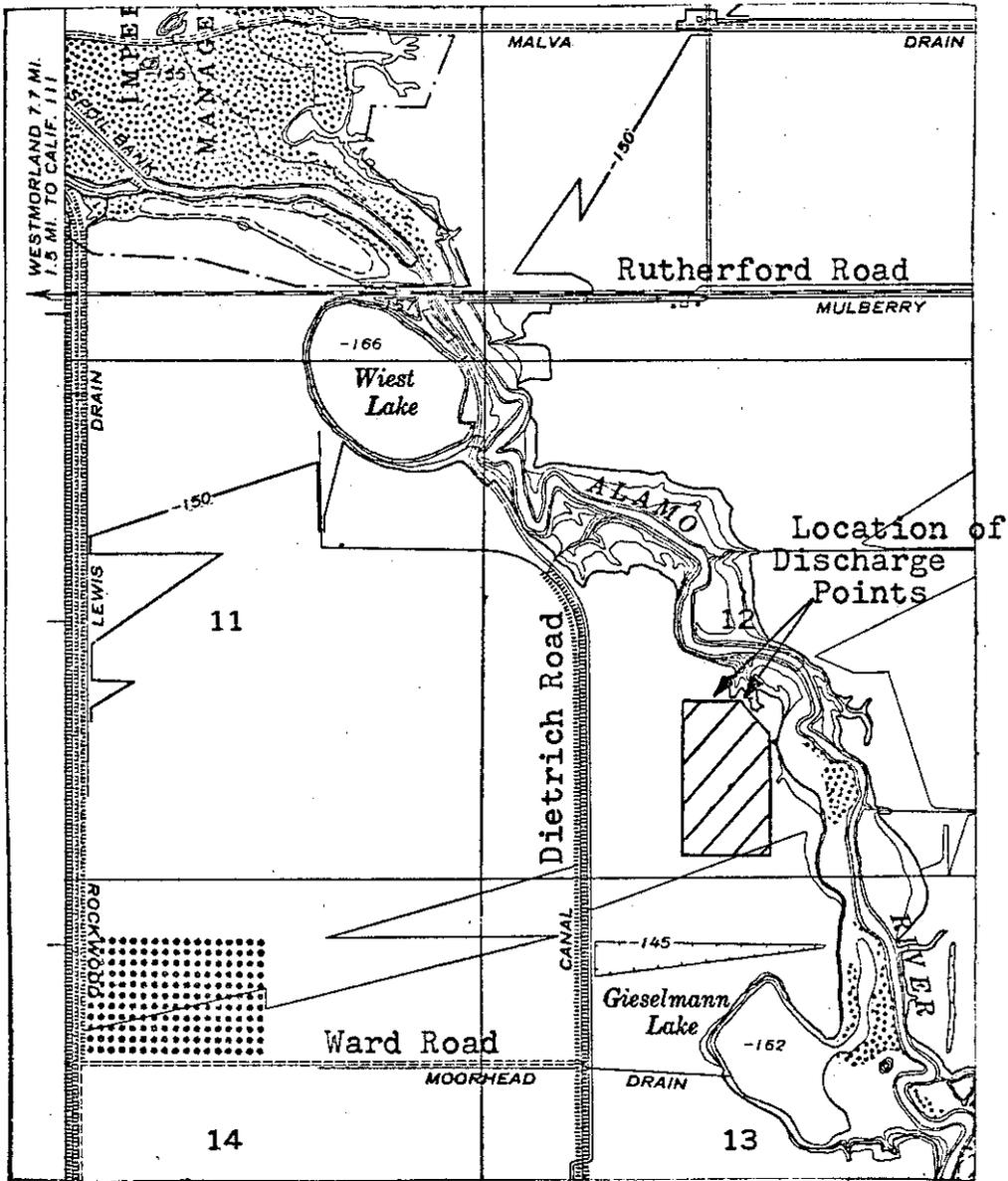
ORDERED BY:

*Arthur Sevajian*

Executive Officer

January 29, 1976

Date



SITE MAP

BEEFEATER CATTLE COMPANY  
Northeast of Brawley - Imperial County  
S $\frac{1}{2}$ , Section 12, T13S, R14E, SBB&M  
West 7.5' Topographic Map

Order No. 76-6